্ত্র । ক্রিঅ: ব্রীর বর্ন রাজ্য বার্ম বার্ম বর্ম ব্রীর ক্রেম করে বর্ম বার্ম বা। 3rd International Conference on Tibetan Medicine





JOINTLY ORGANIZED BY:



ৰ্মন্ত্ৰীস্থাৰ বিলাগৰি শ্বৰ উল্থা Central Council of Tibetan Medicine

क्रवास-रिशा

वे.स.४०३१ ध्रत कुषात्रत रुषाधान कुषात वर्

Date: 25th Feb - 1st March 2018



শ্বাসন্ত্রপর্মন্ত্রীকরণ শব্দ শ্রমন্ত্রনা Central Institute of Higher Tibetan Studies

क्रुवासासीका

स. १. र र अ. चूर जी. चार्च का लचा श्रुच चार्च र पर

Venue: CIHTS, Sarnath, Varanasi



भूगभाविश्वद्रक्षेत्रविद्श्वत्रश्चर्याकेरान्य। Chappori Tibetan Medical Institute

ভঙা । ক্রুল খ্রীব বর্ষ নাম বিশ্বর বিশ্বর বর্ষ প্রার্থ করে । কর্ম খ্রার বিশ্বর বিশ্বর





JOINTLY ORGANIZED BY:



वेंद्रश्चित्रकें यदेश यदि प्रकृष्टिम्ब Central Council of Tibetan Medicine

क्ष्याशन्त्र

প্রীন্দির্গের দ্রার ক্রমান্ত্রণ, রুমান্ত্রার ক্রমাণ নাম্ Date: 25th Feb - 1st March 2018



স্থান বুল ক্রিকুল বুল ক্রিক্টান দেছে। Central Institute of Higher Tibetan Studies

क्ष्याम सीवा

भ्रु ह मृतु स वेँम् श्री काईका यात्र क्षेत्र वाहेम गरा Venue: CIHTS, Sarnath, Varanasi



গুলমার্থইহন্ট্রেইন্ফ্রেইলস্ট্রনাম। Chagpori Tibetan Medical Institute





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3rd International Conference on Tibetan Medicine

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3rd International Conference on Tibetan Medicine

THEME: SOWA RIGPA FOR ALL

Sowa Rigpa; commonly known as Tibetan Medicine is one of the great Asian Traditional system of Medicine. This medical system originated from Tibet and further flourished in India, Nepal, Bhutan, Russia, Mongolia and China, Today, Sowa Rigpa is being taught in many academic institutions, Literal and Clinical research studies on Sowa Rigpa are conducted; many hospitals and Clinics are established after its official recognition in India, China and other Asian countries. Sowa Rigpa as a system is composed of rich literal heritage. Though the principal text of Sowa Rigpa is rGyud-bZhi, there are immense commentaries on rGyud-bZhi itself and more than 2000 Sowa Rigpa literal works are currently available in the canonical collection. Sowa Rigpa, being one of the five great knowledge of Tibet and also being an integral part of Tibetan culture, this tradition can render immense benefit to all human kind and thus it's not only a national heritage but an international heritage of humanity.

Universal Contribution of Tibetan Medicine

"I strongly believe that our medical system is one of the means by which we Tibetans can contribute to the well being of others, even while we ourselves live as refugees."

- His Holiness the 14th Dalai Lama





COMMITTEE MEMBERS

Organizing Committee Members:

President: Dr. Lobsang Tenzin Rakdho

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OVERVIEW ICTM VENUE



Central Institute of Higher Tibetan Studies



Sambhot Bhawan



Atisha Hall



Shantarakshita Library



Academic Block



Administrative Block



Atisha - Main Hall



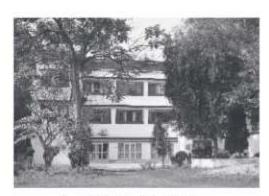
Sambhot Bhawan - Parallel Session - Hall A



Sambhot Bhawan - Parallel Session - Hall B



Nehru Guest House



Anath Pindika Guest House



Dining and Refreshment Area

LOCAL SIGHT SEEING



Dhamekh Stupa



Ganges River



Chaukhamba Stupa



Mulgandha Kuti Vihar



Banaras Hindu University



Tibetan Monastery

PROGRAMME OVERVIEW

DAY ONE - Sunday, 25th Feb, 2018

REGISTRATION - 10:00 am

INAUGURAL SESSION - 2:00 pm onwards

DAY TWO Monday, 26th Feb, 2018

Session	Time	Topic	Hall
Plenary Lecture		The Three great Medical Systems	Atisha Hall
PL-1	8:30-10:30 am	- Ayurveda; Knowledge, From Home to Hospitals	
		- TCM, Antidotes, From History to Present	
		- Sowa Ripga; Healing, From physical to spiritual	
Parallel Session	10:45-11:30 am	Regulation & Quality Control of Ayurvedic,	Hall A
PS-1		Siddha, Unani and Homoeopathy Drugs	
PS-2		Sowa Rigpa;	Hall B
		Development through Research in Bhutan	
PS-3	11:30-12:15 pm	Sowa Rigpa:	Hall A
		Status in Russia and Contribution of Dr. Alexander Badmayev	
PS-4	386	Problems and Prospects for Good Manufacturing Practice for	Hall B
		Herbal Medicine in Indian System of Medicine	
PS-5	2:00-2:45 pm	Sowa-Rigpa;	Hall A
		Drug Research, its Scope and Challenges	
PS-6	46	Sowa Ripga in Asia: A Quantitative Overview	Hall B
PS-7	2.45 - 3:30 pm	Sowa Rigpa - sMen-Drup and its Significance	Hall A
PS-8	44	Role of philosophy in palliative care	Hall B
Plenary Lecture		The evolutional development of Ayurveda: Education, Practice,	Atisha Hall
PL - 2	3:45 - 4:45 pm	Research, Future development and challenges	

DAY THREE - Tuesday, 27th Feb, 2018

Session	Time	Topic	Hall
Plenary Lecture PL - 3	8:30 – 9:30 am	The evolutional development of TCM: Education, Practice, Research, Future development and challenges	Atisha Hall
Parallel Session PS-9	9:30 - 10:15 am	Importance of Mind Health	Hall A
PS-10	W.	Sowa Rigpa: Understanding Auto Immune Disease	Hall B
PS-11	10:15 – 11:00 am	Molecular insights into the anti-cancer properties of Traditional Tibetan Medicine Yukyung Karne	Hall A
PS-12	eii.	Sowa Rigpa; Its development in Modern Pharmaceutics	Hall B
PS-13	11:00 – 11:45 am	Sowa-Rigpa Literature in sTengvur	Hall A
PS-14	"	Acharya Vagbhatta and AstanghaHridyam	Hall B
PS-15	11:45 – 12:30 pm	The Prevalent Diseases In The Tibetan Exile Community In India	Hall A
PS-16	9.1	Sowa Rigpa; art of Stress Management	Hall B
PS-17	2:00 - 2:45 pm	Use of Mercury as Medicine and its legal challenges	Hall A
PS-18	ec.	Sowa-Rigpa; Conservation of Cold Deserts Medicinal Plants in Trans Himalayan Ladakh	Hall B
Paper Presentation PP-1	n 2:45 – 4:15 pm	Paper Presentation - (Paper 1-5-Tibetan) (15 Minutes for each paper)	Hall A
PP-2	er	Paper Presentation - (Paper 6-12-English) (15 Minutes for each paper)	Hall B
Plenary Lecture PL - 4	4:15 – 5:15 pm	The evolutional development of Unani Medicine: Education, Practice, Research, Future development and challenges	Atisha Hall

DAY FOUR - Wednesday, 28th Feb, 2018

Session	Time	Topic	Hall
Plenary Lecture PL - 5	8:30 - 9:30 am	Sowa Rigpa: Knowing Cancer and its Important Parameters	Atisha Hall
Parallel Session PS-19	9;30 – 10:15 am	Materia Medica of Tibetan Medicine: Diversity, Identification and Classification and the method of checking quality	Hall A
PS-20		Practical application of Sowa Rigpa Pharmaceuticals	Hall B
PS-21	10:15 – 11:00 am	Principles and Practical application of Tibetan Medicine in a western context	Hall A
PS-22		The Malposition & Malpresentation of fetus and its management through Sowa Ripga and Modern Medicine	Hall B
PS-23	11:00 - 11:45 am	Management of Evil Spirit Disorder বিশ্বর ব according to Burn-Bzhi Text	Hall A
PS-24	SM	The Knowledge and Its Elemental Theory Of Illness Astrology in Tibetan Astro-science	Hall B
PS-25	11:45-12:30 pm	Climate change and its effect to the Medicinal Plants	Hall A
PS-26	н	Sowa Rigpa, Historical background and current status in Mongolia	Hall B
PS-27	2:00-2:45 pm	Sowa Rigpa: Legal Status in Nepal	Hall A
PS-28	4	Sowa Rigpa: Yuthog Nyingtik and its significance to its practitioners	Hall B
Plenary Lecture PL - 6	2;50 - 3:30 pm	CCIM Acts & Regulation on Sowa Rigpa	Atisha Hall

VALEDICTORY SESSION

Venue: Atisha Hall - 3:30-5:00 PM

DAY FIVE - Friday, 1st March 2018

Practical Workshop on Sowa-Rigpa (PW) - 5

Session	Time	Topic	Hall
PW-1	9:00 - 10:00 am	Sowa-Rigpa: Significance of External Therapies	Hall A
PW-2	10:00 – 11:00 am	Sowa-Rigpa: Practice of Yug Choe Therapy	Hall A
		11:00-11:15 am Tea break	
PW-3	11:15 - 12:15 pm	Practice of Ku-Nye in Sowa-Rigpa	Hall A
		12:30-2:00 pmLunch break	
PW-4	2:00-3:00 pm	Sowa-Rigpa: Practice of Kyug	Hall A
PW-5	3:00-4:00 pm	Sowa Ripga; Practice of Pain Management through Dhug	Hall A

Closing Prayer - Men-Tsee Tengyes Monlam



Breakfast - 7:15 am to 8:15 am Lunch - 12:30 pm to 2:00 pm Refreshment will be serve at respective venue

MESSAGES

Message from Dept. of Health, CTA



नका विद्वत्यदेशनाग्यास्या

DEPARTMENT OF HEALTH

MESSAGE

Department of Health, Central Tibetan Administration (CTA) expresses its heartfelt greetings to all the participants of the third International Conference on Sowa Riggs which is scheduled to be held in Central Institute of Higher Thetan Studies, Vacunani from February 15, 2018 for five days. In order in make this International Sowa Riggs Conference bereficial, it is imperative to undertake thorough research based on rGyad bZhi, the subset, the tentral, the theory and quintemential instructions of Yudhog Vacco Coupe in treating the diseases which are challenge to rare through allopathic medicine. In this degenerating one, with the emergence and spread of new diseases which never existed before in this world, it's high time to collaborate Sowa Rigge with Allopathic Medicine to undertake in expth research studies to cure such diseases.

With the hope that this third International Conference on Sowa Riggs achieves the set guals and outcomes as desired.

Department of Health, Central Tibetan Administration (CTA), Dated: January 16, 2018 (Tibetan luner year-21-14)

MESSAGES

Welcome Message by Organizing President



Tashi Deleg!

I am very happy that the 3rd International Conference on Tibetan Medicine (ICTM) is happening today in this very special holy place of Lord Buddha. I, on behalf of the host organizers and the organizing committee members, would like to welcome you all on this great event.

The First International Conference on Tibetan Medicine (ICTM) originated some twelve hundred years ago through the initiative of King Trisong Deutsen (730-785) at Samye, Central Tibet, where many eminent scholars, physicians were invited from India, China, Persia, Nepal and other neighboring kingdoms. The 2nd ICTM was held at Dharamsala, India with a total of 250 delegates from 21 different countries. Aiming to the vision of preserving and promoting Sowa Rigpa system of medicine, the host organizers have joined hands again to organize this 3rd ICTM in Central Institute of Higher Tibetan Studies where the Institute celebrates its Golden Jubilee (1968-2018).

This 3rd ICTM brings together many of the eminent scholar physicians, leading academic researchers and anthropologist on Traditional System of Medicine from both Asia and the Western countries. This is a platform as well as an occasion where scholars, practitioners, researchers and young talented students meet to bridge the gap of theory and practice and to share knowledge and experience of the senior physicians with the juniors. This ICTM offers an opportunity to the stake holders to present and exhibit their publication, products and other related agendas. It also offers an opportunity to discuss current developments as well as problems in the vast field of Lug-Chen-Sum; the Three great medical systems and to exchange different approaches and findings.

I wish all participants a lively discussion, an exciting exchange and a very thoughtprovoking week in CIHTS, and I am certain that every one of you will return home with new insights stimulating further ideas and developments.

With Best Wishes,

Prof. Dr. Lobsang Tenzin Rakdho

(Dean, Faculty of TM&A, CIHTS)

President, Organizing Committee

नबर्-त.ख्रेश.चे.च.चबिवाश.स्र्रा। ज्ञाशिष्ट्रदश.स्रेर.त्र्य.धेय.स्र्यूय.स्रुच.स्रुच.वर्ष्य.वर्र्चश.रर्-तम्प्रेत्र.सर्थे.

व. जू.ची. प्र.ची. १ वे. वे. त्या । य. त्या. व्याचा प्र.ची या प्रचार प्या प्रचार प्रच प्रचार प |चारभाउदारक्त्यांच्यं सर्वादार्याचा व्याप्या | स्वर्ष्य स्थाये स्थाया हिन् या वार्यया प्राप्य स्थाया |चार-भुदे:चाश्वर-च-चह्रब-चार्ल-गीब-ल-डिचा |चार्जुश-श्र-हु-इ-चश्वर-ची-क्रुश-गीब-शहूरी |इ.के.इ.श्रेट.भ्रष्टिय.तथानुभायित्वाच्यामा । यट् क्ष्ये ह्र ई.से.जायाजूजायायट्यमा |मक्ष्य-रेवुद्र-रेनक.क्यर.के.य.केंच.सदु.श्री |चर्.कुय.चाड्र-बुय.कूर.च्राक्र.कंयाज्ञ.चा | इव सदः सूर ज्यार हूरा चीय क्षा योष्ट्र मा होत्र । जिर यथुव बूर यी मिर ज्या मूर्य वारा रहे यथा विद्ययालयाः मित्रायाः गीयः नेदायक्षाः श्रीयः श्रीयः । विद्यायना विद्यत् । विद्यायाः विद्यायाः विद्यायाः विद्यायाः |चाश्चरःच्रीत्रद्वेद्यःवाशःचार्याः इदःच्राक्ष्यः श्वःश्चेद्व| ।श्चदःच्रदेःक्क्षियः द्वःच्रिदः वाचार्यवाः वादेवश विह्यान्यवान्यवान्याः हेया व हर्ने वा यदे वा व या । गुरु यहित सुरो या हेवा या हेने या यह या वह या म् र्यूर्य वहूर्य अपु हिर्य जा थे किंग चाराजा । श्रीयशासपु हि अक्रूची हिर्द जा चीर्श्वा या पर्ट्यशी ष्ट्रि.चे २४.चे इत्.चे द्राता सूची साता । कि.केट सा. इ.स.चु सा.चु ट.चो द सा.चे सा.ची सारा १इस.सट.য়ैल.सम.५४.५१.८४८.२४४॥ । चीच.सपु.८४८.वैचा.धूर्ट.ल.वाबूल.य.पट्टेयमा निष्टैं उर्वैर वर्ष अस्तूर्य सुर्जी श्रेय रेटा विष्टु वृट वर्ष्य ये अध्य सुर रेवा सर्ग्य सुरास्त्र माना विद्यात्र्यात्रम् भूत्राया भूत्राचा विदेश स्त्रा विद्या स्त्रा विद्या स्त्रा विद्या स्त्रा विद्या स्त्रा विद्य |यार.वर्येल.ब्रूश.हूर.कैर.ज.याशूल.य.वर्त्यशा | हूं.हु.ज.श.ग्री.वर्चैर.वर्धियाश.याशू.य.ररा इसारच्याचार्यर स्वारा चरा सुद्धः सुर च्यारा चीरा सिया स्वरापिया चित्र स्वराप्त स्वराप हरा यहर सी

[हु:पर्श्वयाञ्च रहेत्।याच्येयानायदेवमा |वारमाउदायदेव,वास्तानायदेवस्त्री |इ.ब्रेट.बॅट.वट.वट्ट.वयाविवायाती.भी ।भी.वक्ष.वयावट्याप्रावट ह्यूट.वटे.क्वेट.टी |मद्र्य-श्रिम:ब्रुट्य-सर-मह्रद-तावार्युका-य-तर्द्रवमा | यर्श्रेय-मैय-वावय-ताव्य-मिर-तयर-साममा |यार.क्षेत्र.स्वर.दश्चरत्र.स.र्ट्व.कु.खेरा |विया.यर्चेय.याज्ञ्च.यर्चेय.श.राम.इंश.यह्च.खेश| विवायवेशायश्चर्यास्त्राचार्यायार्थ्यायायरेयम् । श्वरायद्याम् वायरे सुवाराहे र्यवासहरायाः। वित्रः स्वरमः श्रुरः विद्यानाश्चरः यानार्थयः यान्येयमा । देः श्रुरः सर्वोदः सं वित्रः याः श्रीरः दशः दी। च्चित्राची सामिट स्विमारा स्वास्त्राचा सूत्राचा सूचा प्रत्या स्वीमारा सद्या स्वीसा स्वास्त्रा स्वास्त्रा स्वीस विह्रेयाश्वराद्युःक्षेत्रः यन्त्रयात्रः श्रुविश्वराह्यह्नैन्द्रया । यश्वर्षेत्रः यहिव्यन्त्रदेश्वराद्यः यहिवा |XC.ઘુ).કુમાત્રમાં શ્રમાયકમાં 'શૈયાયાણ| શ્રિકાનમાં વર્દેવી.ધંદુ:ભીવા.ટી.માં શૈં.યામાં [श्चिन्यः चन्यः लोन् :कन् :चन्याः यः श्चयायः हेयः याञ्चयाया । व्विन् :ययः ने :यः श्चिन्यः याद्ययः याद्यः योद्य |मधिव:नहे:बुम:मदे:नद्वाकेद:देवाम:वाश्वम:दरा |द्विर:मेद:ब्राम:श्रेवाम:मदे:दर्वे:वःणी |अर्वोद् र्सं वाडेवा स्थानन्वा उवा अर्दे र डेवा | नन्वा वी अवस्थायव है श्रेन वर्वे गुद न्हा । हिर्-सर-भेज-रंभय-र्भवा-वर्षना-धिर-स-जो । सब-पर्ट्र-स्ट्रीट-हुद-रभ-वरुप-पर्ट्-पर्ट्ड्य-यो |म्राह्मिय्वरहः विमानादः र्ययर प्रमेरः यर्या जाः हुँजा । वर्तर्यमः विराह्मियः हुरः स्ट्रमः स्ट्रमः ही वर् विश्वताश्चेन्द्रियासाग्चीः वर्षा स्ट्रान्त्र्येसान्तुवासान्त्रस्य। मुन्यागुन्यानुस्यानुस्यानुस्यान्त्रस्य। |अर्वोद्यः संक्षितः दरः द्वेरः येदः वयुनः धरः र्वेवा ।

ABSTRACTS OF PLENARY SESSIONS

(Full Paper will be available at www.tibmedcouncil.org/ictm/)

PL1 - THE THREE GREAT MEDICAL SYSTEMS

TITLE Ayurveda : Knowledge, From Home to Hospital

SPEAKER Prof. Shiv Ji Gupta

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Ayurveda has been a common pool of health keeping knowledge shared unrestrictive through passing generations. Traditionally, Ayurveda is found to have a strong footing in Indian households for simplicity of its applications and easy access to its modalities being largely derived from the resources searchable easily within the premises of a common home. Being derived largely from the natural sources like herbs, condiments, and minerals which already have a comfortable positioning in Indian kitchens, Ayurveda often being used as a primary care intervention in almost every ailment unless a specialized care is warranted in certain conditions.

Ayurvedic health keeping principals are more deeply ingrained in Indian psyche. This influence of Ayurveda is so deep in Indian life style that often many routine acts which are known for their health benefits are ritually followed without noticing that these have a bearing to Ayurveda. Ayurveda home based application for health keeping is more profound comparing to the benefits obtained by Ayurveda when one is sick. This is noteworthy to observe that such health care rituals observed in Indian households are actually the assimilated forms of Ayurvedic fundamentals which have been refined and simplified for every one's use in a routine through past many centuries.

With the rapid advances in medical science in past few decades, hospital based health care has grown exponentially. Hospital based care is marked with specialized care often requiring a composite monitoring by a dedicated health care team and formulations which are fast acting and dependable. This also requires thorough investigative facilities for close monitoring of the patient to warrant any action required to be taken quickly to save the life. By and large, this is believed that Ayurveda although having a good say for chronic and degenerative disorders, may not have a good scope for acute ailments where modern health care seem more equipped and hence appropriate. Because of this belief, hospital based care remained largely neglected in Ayurveda and it remained strictly limited to kshara sutra and pancha karma procedures alone. Regularly decreasing bed occupancy patterns at most ayurvedic hospitals is symbolic to this popular belief and nothing has seriously been done to rectify this image by showcasing that Ayurveda may also be effective as a hospital based care. We however have observed that Ayurveda is found equally effective in many acute and intractable illnesses where the conventional care does not respond. Although sparingly, we can also find published case reports in authentic journals claiming the effects of Ayurveda in various clinical conditions where modern medicine were not of much help.

We therefore argue that a serious lookout is needed to revive hospital based care in Ayurveda. Although, for such care a comprehensive team of dedicated people may be required involving various domains of ayurvedic health care viz. dietitian, nursing personals, pharmacists, panckakarma technicians etc. besides a team of competent physicians representing various specialties of Ayurveda. This is needless to emphasize here that a well-equipped hospital is essential to give a quality driven hospital based care in Ayurveda. A well equipped kitchen and pharmacy are supposed to be crucial in Ayurvedic hospital based health care. We may therefore give a serious thought to the face lifting of Ayurveda by giving it a chance to act competitively on the front of hospital based care also. This would possibly give us an opportunity to explore the other best part of Ayurvedic health care potentials which are still unknown to most of us.

TITLE SPEAKER Traditional Chinese Medicine: Antidotes, From History to Present

Dr. Edward Yap edwyea@gmail.com

Traditional Medicine, also known as complementary and alternative medicine (CAM) have, in the past 15 years, claimed an increasing share of the public's awareness. Studies have documented that about half the population of many industrialized countries now use CAM, and the proportion is as high as 80% in many developing countries. The essence of the Traditional Chinese medicine (TCM) has always been the most advanced and experienced therapeutic approach in the world. It has knowledge that can impact the direction of future modern medical development; still, it is easy to find simple knowledge with mark of times and special cultures. In this talk, you will find out more about the concepts of TCM, and the different modalities used, and how it is still relevant in this modern world.

TITLE Sowa Ripga; Healing, From physical to spiritual

SPEAKER Dr Lobsang Tenzin Rakdho

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Sowa Rigpa of Tibet, one among the four most popularly known traditional systems of medicine as per the contemporary historians, is an ocean of gradual accumulation of drops of experiences acquainted by Tibetan people through its extraordinary natural environment and elements on the roof of the world for billions of years. Apart from that Sowa Rigpa is also a huge ocean of a never-ending flow of profound essence of medical traditions integrated with the support of courageous Dharma kings, ministers, intelligent translators and scholars of Tibet from the neighboring countries (east and west). Especially in the seventh century, King Songtsen Gampo established strict rules and regulations pertaining to the three great medical traditions, the specialist physicians, their duties and rights.

This extraordinary medical system which has profound history and theoretical knowledge is known as 'Sowa Rigpa'. It has been designated so, based on the fundamentals and theoretical knowledge of the nature of the afflicted disorder, the nature of its antidote and the practice of correlating the disorder and its antidotes and not just designated arbitrarily out of the blue. As per some ancient and contemporary scholars, all the medical traditions are generally designated as 'Sorig' and 'Sowa Rigpa' is designated and translated as 'Treatment' (chikitsa), 'Medicine', 'Ayurveda', 'Healing' and so on which is due to lack of analysis of the term.

The meaning of 'Sowa' is merely to restore like to repair, to revive, to renovate and so on based fundamentally on its action and subject. The meaning of 'Rigpa' is knowledge, cognition and accomplishment which is based principally on object. Thus, this name was designated depending on reason which is also perceivable if enough attention is paid on the grammar. In case of fever or all the other disorders, the nature of the disorder is the imbalanced characteristic of the nyepa or the unbalanced state and this unbalanced state is none other than the excessive or deficient states. And the only way to a healthy and a disease-free state is to restore anything that is deficient or has degenerated, through the antidotes. Thus, the subject of healing, the means of healing and the method of healing signifies the complete subject matter of Sowa Rigpa and with the addition of the characteristic of the healer, implies the comprehensive meaning of Sowa Rigpa.

PL-2 Education, Practice And Research In Ayurveda: Evolutionary

Development And Future Challenges

SPEAKER Dr. (Prof.) Sanjeev Rastogi

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Ayurveda is supposed to have its roots in eternity. As a health care science, this seems to be a culmination of observational knowledge accumulated through generations in past hundreds and thousands of years. Nature had remained the sole source of everything to human. Gradually, during the process of evolution, man has learned to make use of natural resources for his own benefit and in this process, he also learned to refine the usage by processing the raw materials to obtain the desired benefits. A pharmaceutical science therefore started which subsequently proposed the best ways to utilize the natural resources.

A foundation of Ayurveda may be traced back to Vedas, specially Atharvaved a, which talks explicitly about disease curing potential of various natural resources including Sun. Besides such remedies, Vedas also vividly describe about various religious rituals offering health to a sufferer. These basic concepts of health and disease and about use of various natural resources to prevent disease and to procure health got further strengthened during Samhita period. This was the time when great compendiums of Ayurveda in the form of Charaka Samhita and Sushruta Samhita were written. This was the summit of Ayurveda when its sages preached and practiced Ayurveda for the highest societal goals and pursuits. The compendiums like Charaka and Sushruta evolved in this time are still unchallenged and rather a matter of great surprise to everyone noting that how precisely the subject as complex as health and its preservation and disease and its management is dealt in these texts.

In the later part of history, Ayurveda faced a continued decline by virtue of many factors operating within the socio-political structure of India. A long 1200 year rule of foreign invaders initially of Muslims and subsequently British has virtually uprooted the philosophical and philanthropic basis of Ayurveda and its practice was subsequently replaced by a consumer driven motive with a focus upon physical ailments and their remedies. Post-independence period in India marked the restructuring of ayurvedic education, practice and research. With the upsurge in demand of natural medicine world over, there is a renewed reawakening about Ayurveda education and research and subsequently its practice to carry forward its advantages to the masses. India is also taking steps to remain visible in the scene of this global reawakening. A lot of gaps are however in the sight requiring an urgent attention. Quality of education, drugs and health care services are among the ones facing largest critics. Current research in Ayurveda is also far from what is desired.

Seeing the expected role a traditional health care may play in future in order to find the solutions to many unresolved issues, a timely, rigorous and focused approach to handle all the relevant issues in field of education, practice and research in Ayurveda is therefore highly required.

PL-3 The Evolutional Development Of Traditional Chinese Medicine:

Challenges, Training, Practice, Research And Future Development

SPEAKER Dr. Edward Yap

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Traditional Chinese Medicine (TCM) is an experience-based medical practice. Its principles and concepts are abstract, and it is not easily understood by many people. With the modernization in medical advancements, methods of treatments have evolved over the years, and biomedical research methodology has been used for the TCM modernization. Many countries has legalized the use of TCM, especially on the area of acupuncture. From this presentation, you will have an overview of the development of TCM over the years and the challenges it faces.

PL-4

The Evolutional Development Of Unani Medicine: Education, Practice, Research, Future Development And Challenges

SPEAKER

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The Unani System of Medicine, as its name suggests, originated in Yūnān- ancient Greece. The Greeks had adopted the initial concepts of Medicine (Tibb) from Egypt and Mesopotamia and systematized them. Thereafter, the Romans further advanced these concepts. In the Middle Ages, Medicine travelled to the Arab world, Central Asian countries, and parts of Europe, where it was developed to great heights. In India, the Unani System of Medicine came from Arab and Iran, and flourished tremendously and found here its permanent home. Today, India is the world leader in Unani System of Medicine with the increasing support and funds from the Government of India. The Government of India accorded great importance to the multifaceted development of the Unani System of Medicine to make its best use in healthcare delivery system. As a result, education, research and healthcare in Unani System of Medicine have been developed considerably in the country during the last seven decades. Unani System of Medicine forms an integral part of national healthcare delivery structure and owing to the global resurgence of interest in this traditional but time-tested system of medicine, India is making concerted efforts to validate its strengths in scientific parlance and promote the system for global healthcare.

Today, the country has adequately growing infrastructure of academic, research and healthcare institutions of Unani System of Medicine. There are 50 teaching institutions for degree level education and training, and eleven of these offer postgraduate courses in ten specialties. The National Institute of Unani Medicine (NIUM), Bangalore (Karnataka) has been set up by the Central Government to conduct postgraduate education and research programme in Unani System of Medicine and develop benchmark standards of training and healthcare.

In the area of public healthcare, a large network of Unani hospitals and dispensaries is functioning across the country; predominantly through Central and State Government initiatives. There are a good number of licensed manufacturing units for Unani drugs in the private & public sector of the country.

Research and development in Unani Medicine is by and large in the hands of Central Council for Research in Unani Medicine (CCRUM). The Council has, over the past three and a half decades, emerged as the leading organization to bring out significant scientific outcomes and documents for reference and use in this field. Due to the leads obtained in clinical research, drug standardization, survey and cultivation of medicinal plants, and literary research, the contribution of CCRUM has been noticed worldwide. Grant of patents for innovative research outcomes and publication of research work in journals of international repute has brought laurels to the Council for its spirited engagement in scientific activities.

PL-5 Sowa Rigpa: Knowing Cancer and its Important Parameters

SPEAKER Dr. DorjeeRaptenNeshar drdorjee.neshar@gmail.com

Tibetan Medical System is a unique system where medical science & spirituality are blended harmoniously together to offer total health to all. It is spirituality in healing where one studies Buddha Dharma to understand the very nature of our birth, existence, suffering and death. It is also a dynamic science of healing that deals with prevention and treatment of various diseases and disease causing agents through proper diet, proper lifestyle, herbal remedies, and accessory or wellness therapies. It also encourages sound doctor & patient relationship where the doctors and patient plays equally important role in so called total healing. All these holds true when it comes to the treatment and management of cancer.

Though not much is heard is about the high incidence of cancer among the Tibetans before the 1959 political tragedy. Yet, the Great Four Tantras of Tibetan Medical text, which dates back to 8th century, explains volumes about this disease. Cancer is placed among the 8 congenital wounds that are often difficult to treat. Multiple treatment modalities were explained in great length in dealing with the various forms of cancer. Improper food & life style is considered to be the main cause.

Cancer continues to be one of the leading killers of the century. No matter how much information is gained about this dreadful & mysterious disease, it still haunts the imagination of humanity who continues to suffer from its relentless attack. Despite the advancement in science & technology: its new age cutting technologies and high cost research breakthroughs, this disease still continues to wreak havoc among the lives of millions of people across the world, particularly among the less privileged lots. According to the latest findings, it is fast assuming the proportion of epidemic disease. It is also noted that though the rate of cancer occurrence is significantly more in the US and Europe as compared to the Eastern countries, but the rate of survival is more in the West and very much less in the East. More recent findings suggest that more than 70% of people in India succumb to the disease before the five year period.

Notwithstanding the 18 different types of cancer as explained in the Tibetan medical text, modern day society is sadly afflicted with more than two hundred different types of cancer. Some of the most common types of cancer that we see today are Breast cancer, Lung, Colorectal cancer, Multiple Myeloma, Non-Hodgin's Lymphoma, Brain, Stomach and Liver, Mouth and throat, Prostrate in men and ovarian in women and different types of Blood cancer too. Most of them come to us at the very late stages with multiple secondary infection; post chemotherapy, immunotherapy and radiation etc and, after failing to get any desired result from the Allopathic medicines, but with dietary and life style advises, and also helping them to understand the disease better and need for them to participate in the treatment and healing processes. It calls for significant change in the attitude of the patients towards the disease so that one no longer feels hopeless and deeply frightened by the prospects of what lie ahead.

It is understood clearly that there is no magic bullet in the treatment of cancer. It has to be very natural and holistic in approach with multipronged strategy to deal with this major disease. Though it may seem bit farfetched, I am of the strong opinion that is very important to understand the cause, nature and developments of the cancer in each individual. Proper administration of diet, lifestyle, mental and emotional factor plays very crucial role in the control and management of this otherwise very costly and fatal disease. I am afraid that in large percentage of the people with cancer, it was unfortunately the treatment regiments that has proved more fatal with the invasion from the cancer per-se. Most of the secondary infections and progression of the diseases may come from the excesses and mistaken treatment. It is high time that people need to be more educated and well informed regarding the cause and nature of the disease so that they can make their well informed decision and take necessary precaution.

It was clearly that Tibetan Medicine did have a positive healing effect upon many cancer cases. It was also shown to produce some encouraging effects in terms of several important factors like; delaying the tumor progression, pain reduction, enhancing the immune response & life expectancy, & over all wellbeing of the patients. Moreover, we also found that Tibetan Medicines works very well in complementary with Chemotherapy and Radiation therapy in reducing their notorious side effects and in boosting up the immune response.



ABSTRACTS OF PARALLEL SESSIONS

PS-1 Regulation & Quality Control of Ayurvedi

Regulation & Quality Control of Ayurvedic, Siddha, Unani and Homoeopathy Drugs

SPEAKER Dr D.C. Katoch

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India's regulatory framework for Ayurvedic, Siddha, Unani and Homoeopathy (ASU&H) drugs is by and large modeled on the lines for allopathic medicines. Drugs & Cosmetics Act, 1940 and Rules thereunder have exclusive provisions for regulation and quality control of these drugs. Regulatory Authorities are appointed in the Central and State Governments to oversee the enforcement of legal provisions for the ASU&H drugs and their manufacturing need license from the concerned State Government as well as compliance to Good Manufacturing Practices (GMP) and the standards prescribed in the respective Pharmacopoeia. Proof of safety and effectiveness is required for licensing of various categories of ASU drugs. Central Government has the powers to frame and amend the regulatory provisions and issue direction to the State Governments for their enforcement. In this regard, the Central Government is advised by the Ayurveda, Siddha, Unani Drugs Technical Advisory Board (ASUDTAB) and Ayurveda, Siddha, Unani Drugs Consultative Committee (ASUDCC), Drugs Technical Advisory Board, which are the statutory bodies under the provisions of Drugs & Cosmetics Act, 1940, in the regulatory matters and enforcement issues. Pharmacopoeia Commission of Indian Medicine & Homoeopathy and four Pharmacopoeia Committees are in place to develop the quality standards and Standard Operating Procedures for ASU&H medicines, which are mandatory for the manufacturers to comply with. Central and State Governments have established Drug Testing Laboratories and 55 laboratories are approved or licensed in the country in accordance with the Drugs & Cosmetics Rules, 1945 for quality testing of drugs and raw materials. Quality certification schemes for ASU medicines are also administered as per WHO Guidelines and International Standards by Central Drug Standards Control Organization (CDSCO) and Quality Council of India (QCI) respectively. Like allopathic medicines ASU&H medicines are also covered under the provisions of Drugs & Magic Remedies (Objectionable Advertisements) Act, 1954 and Rules thereunder. Central Government has initiated pharma covigilance system for safety monitoring of ASU&H medicines and grant in aid is provided through National AYUSH Mission to strengthen drugs quality control activities in the states. Similar regulatory provisions would be made for Sowa Rigpa drugs once these are brought into the Drugs & Cosmetics Act, 1940.

PS-2 Development of Sowa Rigpa in Bhutan Through Research

SPEAKER Sherab Tenzin

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This paper will outline efforts towards development, promotion and preservation of rich ancient knowledge of Sowa Rigpa medicine system in Bhutan through research and institutional development. Further, the research on traditional medicine and its potential of discovering new drugs as well as the challenges involved in such research will be highlighted.

Ever since the introduction of Sowa Rigpa based Traditional Medicine System in 1967, the Royal Government of Bhutan has placed high regard for the preservation of this knowledge through research and development and promotion at par with western allopathic medical system. Today the Traditional Medicine Services in Bhutan are fully integrated and dispensed through same window as modern healthcare delivery system. The increasing access to Traditional Medicine services and the introduction of stringent regulatory mechanisms is driving research and development in Sowa Rigpa to document evidences of therapeutic claims and properties of formulations.

Bhutan is endowed with rich biodiversity and of more than 600 medicinal plants identified, 50% of them are commonly in use for the production of Sowa Rigpa medicine. For the production of safe and quality traditional medicines, research was formally started in 1998. So far, medicinal plant ingredients were coded and standardized with botanical nomenclature and herbarium specimens developed with bibliographic reviews. The monographs on finished products, high altitude medicinal plants and precious minerals and metals were also developed. From the screening of some high altitude medicinal plants for active therapeutic compounds at molecular and phyto-chemistry level, few studies have lead to discovery of new chemical compounds. One such compound with potential to develop as anti-malarial drug has been filed for patent. In order to scientifically validate the claims, some form of clinical trial studies on few formulations and therapies are also being initiated. Besides core researches, study on conservation and sustainable utilization of medicinal plants, resource mapping surveys and cultivation trials are other research projects aimed at preservation of this age-old healing tradition through sustainable promotion and development.

Additionally to implement the national policy of preserving and promoting this traditional medical system and to explore vast scope for research, the Department of Traditional Medicine Services had instituted research division to develop research culture and capacity amongst Sowa Rigpa stakeholders. At academic level, the Faculty of Traditional Medicine introduced Master degree through research to further spur researches in Sowa Rigpa science besides teaching research skills at an undergraduate level. While understanding the immensity of research scope, it should also be understood that research on traditional medicines, like any other research demands a lot of resource and technical expertise. Evaluation

study designs that are often used in normal research may not be suitable as traditional medicine works by combination of spiritual, psychological and material practices. If the study design is wrong, the results of the study could at times be misleading. Addressing intellectual property rights issues could also help promote research on traditional medicines but the cost implications and complication of such formalities could be another obstacle for the researchers.

Research on traditional medicine is very crucial for Bhutan to ensure the continuity of traditional medicine services and therefore should be pursued considering its immense benefits to the mankind and in particular to the people of this Land of Medicinal Plants.

PS-3 Sowa Rigpa; Legal Status In Russia

SPEAKER Oyuna S. Rinchinova

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The article discusses legal status of institutions and specialists of Tibetan medicine in Russia, and its integration into national health system. The term of traditional oriental medicine in Russia comprises the Tibetan medicine as well. In official documents it is referred as a "Traditional (complementary) medicine", according to federal law № 323 "On the Fundamentals of Health Care of Citizens in the Russian Federation". This document doesn't permit distribution and import of medicines based on Tibetan formulas; the traditional methods of treatment and diagnostics are not included in the medical standards, therefore they are not covered by insurance; there is no educational program of a doctor of traditional medicine. Exploring the activities that are carried out to address these problems, I demonstrate joint efforts of politicians, scientists, doctors to manage the major complications of traditional medicine in Russia.

A study of the activities of Alexander and Peter Badmaevs on promotion Tibetan medicine in the 19th – early 20th centuries leads me to conclusion that they dealt with the similar problems that still exist in modern Russia.

Keywords: Tibetan Medicine, Oriental Medicine, legal status, Russia.

PS-5

Sowa Rigpa: Drug Research Its Scope And Challenges

SPEAKER

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Sowa Rigpa also known as Traditional Tibetan medicine (TTM) is one of the oldest known medical system with nearly 2000 years old legacy of holistic and naturopathic approach. Sowa Rigpa is mostly seen under the context of Complementary Alternative Medicine. With recent recognition of Sowa Rigpa by Indian medical system, now the pharmacological significance needs to be validated showing the efficacy of such herbal medicine formulations, documentation, preservation of our ancient medical systems. For recognition of TTM globally, high quality scientific research is mandatory and a sophisticated infrastructure for R&D facilities for a productive output. The immense pharmacological significance of Sowa Rigpa is well established and evidence based TTM will hopefully enable integration into conventional treatment thus providing more support and relief to patients specially suffering from chronic diseases such as cancer.

PS-6 Sowa Ripga In Asia: A Quantitative Overview

SPEAKER Stephan Kloos

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Over the past 20 years, Sowa Rigpa (Tibetan medicine) has undergone an unprecedented process of industrialization in almost all its locations, completely transforming its status, size and shape. Indeed, the emergence of a transnational Sowa Rigpa industry constitutes one of the most fundamental re-assemblages of Tibetan medicine in its history. In order to understand this development and its consequences, it is imperative to gain a hitherto non-existent quantitative and qualitative overview of the emerging Sowa Rigpa industry. A major outcome of the ongoing ERC-funded RATIMED project (ratimed.net), this paper will present a new picture of contemporary Sowa Rigpa in Asia: not as a traditional medicine struggling for survival, but as a modern, lucrative, and growing industry that is an integral part of Asia's innovative knowledge sector.

Sowa Rigpa's industrial development is closely connected to national policies aiming to regulate Tibetan medicine, leading to its integration both into national health systems and the capitalist market. This paper will therefore begin with an overview of national policies - especially in China - that triggered its dramatic growth as an industry. Following that, it will present comprehensive quantitative data on the size and shape of the Sowa Rigpa industry across China, India, Mongolia, Nepal and Bhutan, and an analysis thereof. Among the questions this paper will address are: what has contributed to China's dominant position in the industry (up to 99% of its global sales value is generated in China), and why has this not translated, so far, into a similar dominance in the international market for Sowa Rigpa, which is largely controlled by exile Tibetan and Mongolian institutions, practitioners and products?

Based on hundreds of conversations with Sowa Rigpa practitioners, producers, stakeholders, and policy-makers across Asia, Europe and North America since 2005, in-depth analysis of government documents, official reports, and media coverage, as well as extensive observations from visits to pharmacies, workshops, and conferences, this paper offers the first comprehensive overview of the transnational Sowa Rigpa industry in Asia. By assessing its status quo, it finally also raises important questions about the direction and dynamics of its future development, and its potential consequences.

PS-8

Breakdown of Body and Transference of Consciousness

SPEAKER

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The main topic here are the stages of dissolution of outer elements and the inner consciousness during the *bardo* at the painful time of death At this moment the basic practice used is how a beautiful girl looks at herself in the mirror and additionally, for when the moment of death is close and feelings associated with ones passing increase.

The presentation will be elaborated in five sections.

- · Why we need to be interested in dying
- · Regular mind training concerning dying
- Stages of mental anguish when realizing death is near
- Stage of dissolution of the elements and the transference of consciousness.
- · Practice during the dying process

PS-9

Importance Of Mental Health

SPEAKER

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What kind of measures are needed to benefit a person's mental health need to be determined by his or her feelings and experiences. Any educated grownup will be aware of this fact. Then based on what the person experiences he or she should receive advice and actual practices by a trusted person like a Dharma practitioner, doctor, neurologist or physiotherapist. It is very important that these practices balance out the psychological and physical aspects. In the sutra teaching the eight fold Noble path is taught, which also includes psychological advice. However, if this is taken to be especially for Buddhists, it is difficult to see it as a general way of behaving. To benefit mental health as such, I want to talk about a regular path with eight aspects in condensed form. When I say regular, I mean that I will make no distinction based on religion, social class etc, but just talk about general conduct. In other words, the eight branches of human health.

Regular path with eight branches in condensed are:

•Excitement •Physical exercise •Leisure time •Empathy •Positive outlook •Acceptance •Contentment •Rest

PS-10 Sowa Rigpa: Understanding Auto Immune Disease

SPEAKER

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With my three channels of physical, speech and mind, I prostrate before the Buddha of Medicine and all the Bodhisattvas. The so called Auto-immune disorder as known to the modern medical system can be compared and understand as "Du-va-gShed-du-babs-pa" in the terminology of Tibetan Medical System.

The vocabulary of this Auto-immune disorder has become largely common and highly pronounced in modern day society and, is being considered as one of the leading fatal diseases among others. It is being rated as the 3rd leading major diseases in USA. In US

alone, nearly 5 to 8% of total population and approximately 14 million to 22 million people are estimated to have this disorder. The disease can affect any part of the body particularly the Endocrine Systems, connective tissues, digestive tracts, heart, skins and kidney etc. Interestingly, 78% of people with these disorders are women and is considered among the top ten disease fatality among the women above 65 years of age. However, It is to be noted that this disorder is not that commonly pronounced among our Tibetan population. This may have something to do with the food habits and genetic dispositions.

The identity of this disease lies in the fact that immune system in its normal helps to protect the body from foreign invasion and maintain the health and harmony. Here in auto immune disease, due to various explained and unexplained factor the immune system loses its identity and hence attacks its own body system. This looks very similar to the medical condition called "DuwagShed-du babs-pa, one among the nine fatal diseases as explained in the Root Tantra of Tibetan Medicine. rLung. mKrispa and Badh-kan as the three principle energies of the body system when in dynamic balance helps to build up the body to maintain its prime health and, when in aggravated condition it brings all kind of destruction and proves very fatal for the body.

If we look at the causative factor, it is obvious that in todays busy and competitive world we see lots of issues that heavily taxes our mind and emotional plane. On top of that the adulteration in our food; indulgence in genetically modified food, heavily processed and fast foods and, the level of pollutions in the air that we breathe all give rise to serious health hazards and imbalances in our otherwise normal dynamic functions of our body system. Many researched believe that there are no particular pathogens and infection patterns that could be isolated and associated with this disorder. However, the food and lifestyle factor contributes immensely and the fatalities that comes with this disease is a serious concern.

From my long association with many people with this disease, it is quite apparent that there is a strong element of aggravated condition of all the three Nes-pas. More so, the disease appears to follow the pattern of what is called as "IDog-rGyu-bChu-gNis in Tibetan Medical text that is to say that the nature and manifestation of this disease is very confusing; showing sensitiveness to both Tsa-va and Grang-va with the involvement of all Nes-pas as if all the Nes-pas are in a state of chaos, criss-crossing each others path thus wreaking havoes in the body system. From my treatment experience, we find that even response to the treatment appears to be quite mixed up: in some cases quite encouraging and in some not so much. One thing is certain that the treatment of this disease need more patience and tolerant wait and watch attitude with no scope for any suppressive and invasive type of medications or therapies for that matter. Both disease and the individual needed to be handled with care and with careful examination coupled with more holistic treatment approach aimed in bringing down the internal tumoil first, we can then certainly hope towards reaching the state of harmony and health.

PS-11 Molecular Insights Into The Anti-cancer Properties Of

Traditional Tibetan Medicine Yukyung Karne

SPEAKER Tenzin Choedon

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YukyungKarne (YK) has been used for ages in Traditional Tibetan medicine for treatment of cancer. Recently we have reported YK's potential as an anti tumor agent by selectively inducing apoptosis in cancer cells. Our present study focuses at the effect of YK on inhibiting the subsequent metastatic dissemination-cell migration, invasion, epithelial mesenchymal transition (EMT) and extracellular matrix (ECM) in ovarian cancer.

YukyungKarne (YK) has been used for ages in Traditional Tibetan medicine for treatment of cancer. YK is an effective and potential anticancer compound. Recently we have reported YK's potential as an antitumor agent by selectively inducing apoptosis in cancer cells. The cytotoxic effect was seen specifically targeting cancer cells and sparing primary cell line such as IHH and CHO cells. It displays classical characteristic of apoptosis such as fragmentation of DNA and morphological changes and cell death.

The study provides some compelling evidences supporting the anti-metastatic potential of YukyungKarne which strongly

suggests its possible usage as a promising alternative medicine. Thus, YukyungKarne may be used as an anticancer and antimetastatic agent along with other conventional anticancer therapeutics to increase their efficacy.

PS-12 Sowa Rigpa: Its Development In Modern Pharmaceutics

(Action Profiles Of Tibetan Formulas)

SPEAKER Herbert Schwabl

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Plant based medicines were used from the beginning of mankind. Modern science approaches the therapeutic activity of herbal preparations mainly by investigating such preparations derived from single plants species. This starts by analytic and pharmacognostic description of the plant and its constituents, continues with activity monitoring with different *in vitro* methods, and finally examines "*in vivo*" the clinical benefit. All based either on the single plant or even on specific molecules extracted from the plant material. To assess the biomedical activity of herbal formulas of Tibetan medicine this approach cannot be successful, as the formulas are compounded from many different plants.

From a chemical point of view already one plant consists of many different molecules, therefore the Tibetan formulas are even more complex forms of a multicompound medicine. Here it is not sufficient to know the action profile of the individual plants; as in the proverb, polyherbal Tibetan formulas are more than the sum of their parts. Therefore the research methodology of phytomedicine has to be used for the whole, complex formula.

The resulting action profile describes the activity of each formula on the different levels of the human organism from the genetic to the cellular and the organ level. In effect this leads to a specific biomedical signature of a formula. Such an activity-signature can then be a starting point to bridge the ancient wisdom with modern science.

PS-13 Sowa-Rigpa Literature in sTengyur

SPEAKER Dr. Dorjee Damdul

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Around hundred volumes of treatises on various teachings of Buddha ShakyaSengye and its commentaries written by Indian scholars exist. sTengyursignifies the Tibetan translated version of the treatise on the teachings (sutra and tantra) of Buddha written by Indian scholars. And here it specifically explains, Tibetan Medicine Literatures featuring in sTengyur.

First: Characteristic of the treatises: These are well explained teachings of the Buddha alone, corresponding to the path of attaining enlightenment and written in comprehensive words/expressions with single pointed concentration by intelligent beings.

Second: Etymology of the treatises: Treatise means Shastra, Shas is to correct and tra is to free. It is so called treatise or to correct and free because it targets to correct the three defilements of the disciples to the threefold trainings and helps free oneself from the lower realms and mundane worldly sufferings.

Third: Categorization of the treatises: Generally treatises are categorized into superior or inferior types; Superior is further categorized into many, such as types based on function, subject or instruction. But according to a particular school, the treatises are

divided into nine categories; meaningless treatise, incorrect meaning treatise, meaningful treatise, deceptive treatise, uncompassionate treatise, treatise that eliminates suffering, treatise devoted to learning, treatise devoted to debate, treatise devoted to practice.

Fourth: Main Tibetan Medicine Literatures featuring in sTenGyur (the Collection of treatises on Buddha's teaching);

- 1. Tibetan Medicine Compositions by Acharya Nagarjuna: found in Volume-He of Tengyur
 - i. sByorbabrGyapa
 - ii. sMen'tshoba'imDotshigssubCad pa
 - iii. sMenAa ba'i Cho ga
- 2. Tibetan Medicine Compositions by Acharya Vagh Bhatta
 - i. Yanlag brGyadpa'isNyingpobsDuspa'irTsaba found in Volume He of Tengyur
 - ii. Yanlag brGyadpa'i rang 'Grel found in Volume He and Ae of Tengyur
- 3. Tibetan Medicine Compositions by Acharya Chandra Nanda
 - i. Yanlag brGyadpa'isNyingpobsDuspa'i 'Drelbatshig don zlazer-found in three Volumes ko, kho and go of Ten gyur
 - ii. Yanlag brGyadpa'i 'Grel pa las bsTanpa'isMengyiminggirNamgrangs found in Volume He of Tengyur

Moreover there are many existing compositions by Indian scholars translated into Tibetan but I will wind up here,

PS-14 Acharya Vaghbhatt And Astanga Hridayam

SPEAKER Dr. Akhilesh Kumar Singh

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Acharya Vagbhatta is one of the principal contributors to Ayurveda. He is famous for authoring the medical treatise, AshtangaSangraha and AshtangaHridayam. AshtangaHridayam (Heart of Medicine) is written in poetic language while AshtangaSangraha (Compendium of Medicine) is a longer and prolix work. In the time line, AshtangaSangraha is placed in the first half of 7th century by historians while AshtangaHridayam is considered to be a work of second half of 7th century. Vagbhatta, in the closing verses of AshtangaSangraha himself stated to have lived in Sindh (now in Pakistan), and to have been the son of Simhagupta and disciple of Avalokita, who was chief monk of Mahayana Buddhism. Vagabhatta was Buddhist, as is evident by his explicit praise of Buddha at very beginning of AshtangaSangraha and under the title "Unprecedented Teacher" in the opening verse of AshtangaHridayam. His teachings are embedded with syncretism.

 $A shtanga Hridayam\ presented\ Ayurveda\ and\ its\ essence\ in\ an\ easy, simple, comprehensive\ and\ understandable\ way.\ It\ comprises\ 6$ sections, 120 chapters and 7120 easily understood\ sanskrit\ verses.

Sutra Sthana - it describes basic principles of Ayurveda, daily regimen (dinacharya), seasonal regimen (ritucharya), diet and dietetics etc. in 30 chapters. ShareeraSthana - in this section of 6 chapters, concepts and details of Ayurvedic embryology, anatomy, physiology etc. has been discussed. NidanaSthana- it deals with aetiology, pathology, signs and symptoms, prognosis of diseases etc. in 16 chapters. ChikitsaSthana - in this section, line of treatment, medicines and pathyapathya, patient care etc has been discussed in 22 chapters. KalpaSthana - it contains formulations and methods pertaining to internal cleansing techniques. Purification therapies or Panchakarma are Vamana (therapeutic emesis), Virechana (therapeutic purgation), Basti (therapeutic enemas) and Nasya (nasal medication) in 6 of chapters. Uttara Sthana - it comprises of 40 chapters and is dedicated to 7 branches of Ayurveda; BalaRoga, GrahaRoga, Urdhwanga Chikitsa, Shalya Chikitsa, Danshtra Chikitsa, Jara and VrishaChikitsa.

A record 33 sanskrit commentaries has been written on Astang Hridayam, out of which Sarvang Sundara written by Arunadatta

got wide acceptance. Ayurveda Rasayana commentary by Hemadri is also studied. Ashtanga Hridayam has been translated into many languages, including Tibetan (during the reign of king Krhrison-dehu in 755-797 AD), Arabic (during the reign of Harun-al-Rashid 773-808 AD), Persian and several modern Indian and European languages (into German by Luise Hilgenberg and Willibald Kirfel in 1941).

PS-15 The Prevalent Diseases In The Tibetan Exile Community In India

SPEAKER Dr. Lodoe Phuntsok

Tuberculosis and Chronic Hepatitis-B are the most common infectious diseases that we see in our daily practice. In fact in the world we are in high disease burden category for these two diseases. TB incidence of 645 patients/ 100,000 people and Hepatitis-B of approxaround 8.9-13% prevalence.

Among the noninfectious disease in the Tibetan community, we see high blood pressure and Diabetes slowly increasing in our population.

With this presentation my intention is to create a better understanding of the current disease burden in the Tibetan community and collectively work towards decreasing the disease burden.

PS-16 Art of Stress Management in Tibetan Medicine

SPEAKER Dr. Thinles Yangjor

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The Art of Stress Management is all about maintaining a Healthy and Happy life, and this can be achieved through maintaining a dynamic harmony between the physical, mental, spiritual and emotional energy. Stress becomes Distress when we overuse, misuse and disuse these energies, or whenever there is a lack of coordination between them. When a distress situation strikes our life for a prolonged period of time, it may weaken the immune system and becomes harder for the body to fight off with the external stress inducers, and causes various internal disorientations. Irritable bowel syndromes, Chronic fatigue syndromes, Heart disease, High blood pressure, Arteriosclerosis, Diabetes, and different forms of metabolic disorders, as well as various mental discomforts like Anxiety, Panic attacks, Depression and Alzheimer are the result of the body's inability to fight off with the external stresses.

In Tibetan Medicine, the Art of Managing Stress is emphasized upon training and taming the Mind in order to reduce or abandon Negative Emotions like Hatred, Anger, Jealousy, Attachment and so on, and developing and cultivating positive emotions like Love, Compassion, Joy and Equanimity. Our human body becomes vulnerable when the negative emotions strikes our life all the time and disturbs the dynamic harmony of the three body energies (rLung, Tripa and Badkan). Such a situation consequently leads to the manifestation of many signs and symptoms of Distress, that we may call them as Syndromes.

Signs and symptoms of Distress may vary according to each individual's physical and mental disposition as well as external situational factors. Tibetan Medicine identifies thirteen major signs of distress and these are 1) Excessive hunger, 2) Excessive thirstiness, 3) Vomiting, 4) Yawning 5) Sneezing, 6) Breathlessness, 7) Sleeping disorders, 8) Frequent coughing, 9) Excessive production of saliva 10) Lack of or excess of defecation, 11) Excessive or lack of flatulence, 12) Urine inconsistency and 13) Sexual dysfunction. It is imperative to manage and balance our body energies if these signs and symptoms disturbs our body for quite some time. If certain symptoms of Distress like sleeplessness, fear, panic attack, fever, coughing, breathlessness, loss of weight manifest and remain for few weeks, then it becomes essential to correct these first in order to prevent the complications of Stress.

There are four means of preventive and as well as curative measures to manage Stress. The four preventive measures are: i) Maintaining the health according to the change in time and seasonal factors as well as the change in weather and climatic conditions, ii) Changing negative thoughts and emotions into a positive thoughts and emotions, iii) Indulgence in eating a healthy diet and iv) Maintaining a healthy lifestyle.

Curative measures to manage Stress includes activities like going for holiday, resting well, listening to music, sharing problems with loved ones, doing physical exercise, sleeping enough, chanting mantras, practicing meditation like mindfulness, eating right combination of foods and healthy foods at a right time, taking medication and visiting to spa and sauna or to a massage therapist, etc. All of these remedial measures are included under four curative measures: i.) Dietary Recommendation and Restriction, 2.) Lifestyle Modification and Behavioral Changes, 3.) Use of Internal Medications and 4.) Applying Accessory or External Therapies.

PS-17 Use of Mercury as a Medicine and its Legal Challenges

SPEAKER Prof Anand Chaudhary

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Mercury (Parad) is being used as miraculous medicines in India, Nepal and Tibet since back 2000 year continuously. Proficient Prodigy of past had invented pharmaceutical procedures of purification, potentiation (ShodhanandSanskar of Parad) and conversion of core Mercury element into therapeutically effective compound (KharaliyaRasa,Parpatipreparation,KupiPakwa Rasa and Pottali products) for its uses as medicine.

In Tibet and India, Mercury has been used tremendously for its specific indications in Rasayana Therapy and to treat many chronic disorders of respiratory and gastro intestinal system. Tibetan and Ayurvedic classics are depicting plenty of references of use of Mercurial medicinal compounds with the claim of safety and efficacy. These texts have also warning notes of adverse effects of mercurial medicinal compounds if the product had not been prepared properly or any otherwise prescription in terms of dose and duration for a specific disease and diseased body.

Due to certain geographical, social, political, economical, and scientific reasons, some countries had started beating the drum of toxicity of Mercury. Of course, they are genuine and in service of humanity till they are showing concern with environmental contaminations due to exposure to mercury present in industrial effluent and as air/hydro pollutants.

But, conflict of interest initiated when these groups demand a blanket ban on medicinal applications of Mercurial medicinal compounds.

Therefore, considering all factors all mercurial medicinal compounds which are compulsory for good health of humanity and may be served with the genuine therapeutic application should be permitted as a prescription medicine in boundaries of laws of the land.

Ministry of AYUSH, Government of India has notified some particular parameters for medicinal uses of mercurial compounds on accounts of its quality, safety, and efficacy.

PS-18 Importance of Conservation of Cold Desert Medicinal

Plants In Ladakh

SPEAKER Dr. Padma Gurmet

status.

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Although at a first appearance, the trans-Himalayan region might look barren and lifeless, but it is home to thousands of plant species with large numbers of plants with high medicinal and aromatic value. The plants of Trans Himalayas come under alpine and high alpine zones with the domination of annual and perennial herbs followed by few bushes. The vegetative growth starts in the month of April with the melting of snow, it is on its full bloom in the month of July August and starts disappearing by the end of September. Ladakh is the major constituent of Indian Cold deserts and it is also referred as Trans-Himalayas. The cold desert regions covering 16% percent of landmass of the universe are confined to high altitudes and circumpolar regions of the world; it is known for its difficult environment, snow capped mountains, daunting heights and characteristic landscapes and cold climatic conditions.

National Research Institute for Sowa-Rigpa, Leh has been conducting extensive medicinal plants surveys in all the major valleys of Indian cold desert from last twenty years. Around 1,100 plant species have been recorded from these surveys, out of which 525 plants species are known to be used in various prevailing medical systems of India and folk traditions. Beside their medicinal use, local people have been using these plants for fuel, fodder, food, incense and other socio-cultural purposes. The surveys and studies found that many of these plant species are rapidly degrading due to unscientific over exploitation, change of ecosystem and other human interference and in need of conservation. The inaccessible, remoteness and harsh climatic conditions have provided Trans-Himalayan plants with a naturally safe environment and their usage was restricted only within the community until recently. However, the expansion of roads and increased populations have exposed this herbal wealth and brought about commercial interest, The issue of conservation and cultivation of wild plants was not a familiar concept to the trans-Himalayan people. But under the present circumstances, without an appropriate action for conservation and sustainable utilization, the status of the wild plants becomes further threatened. The CAMP workshop organized in Kullu, Himachal Pradesh by the Foundation for Revitalization of Local Health Traditions (FRLHT), Bangalore in April 1998 assessed 42 plants of Jammu and Kashmir and Himachal Pradesh which further reveals the critical status of trans-Himalayan plants. To address this issue, the National Research Institute for Sowa-Rigpa had started some programs initiating conservation and sustainable exploitation of Trans-Himalayan plants to provide an ecologically sustainable, socially acceptable and economically equitable production and utilization system. At first step we started education and awareness programs through various seminars, meetings and workshops to sensitize various stakeholders towards the status and conservation of plants. Amchis (Traditional healers), Community representative, Government and non-Government agencies, research institutions and the forest department have been actively involved in the activities. Due to these efforts, today conservation is a familiar topic to every Amchi and the local population. Small scale cultivations of a few plant species has been started by the government, non-government organization and individual Amchis. The matter of in situ conservation has been taken up with local authorities and few biodiversity hot spot sites have been selected with the help of local experts and Amchis for In-situ conservation of plants. We are also engaged in developing sustainable harvesting techniques and sustainable harvest levels for individual species and in training local community and Amchis. The National Research Institute for Sowa-Rigpa, Leh has also initiated a project for establishment of high altitude medicinal plants garden at 10 hectors of land. 30 medicinal plants have been selected for propagation and cultivation studies based on their utility and threat

Beside medicine, the demand for Himalayan plants for cosmetic use, food & beverages and drug industry is rapidly increasing day by day worldwide, the increase popularity of traditional herbal medicine and herbal product is creating a rapid expending market for both crud drugs and compound preparations. While we may welcome the growth of traditional medical systems and herbal Although at a first appearance, the trans-Himalayan region might look barren and lifeless, but it is home to thousands of plant species with large numbers of plants with high medicinal and aromatic value. The plants of Trans Himalayas come under alpine and high alpine zones with the domination of annual and perennial herbs followed by few bushes. The vegetative growth starts in the month of April with the melting of snow, it is on its full bloom in the month of July August and starts disappearing by the end of September. Ladakh is the major constituent of Indian Cold deserts and it is also referred as Trans-Himalayas. The cold desert regions covering 16% percent of landmass of the universe are confined to high altitudes and circumpolar regions of the world; it is known for its difficult environment, snow capped mountains, daunting heights and characteristic landscapes and cold climatic

PS-19 Materia Medica of Tibetan Medicine: Diversity,

Identification And Classification And The Method Of Checking Quality

SPEAKER Dr. Tsultrim Kalsang

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The diversity of Tibetan materiamedica is great extending, and is spread across Tibet and its neighbors. The Shel Gong Shel Phreng text (AD 1725) (Compact Crystal Rosary) by the great renowned Tibetan scholar and physician DeumarGeshe Tenzin Phuntsokcomprises more than 1,000 medicinal plants. A Flora of Xizang, the Tibetan Autonomous Region of Tibet, researched by a group of Tibetan physicians and scholars, found more than 6,000 plants stretching from the north to Mongolia and beyond, and eastwards to Sichuan and Yunnan, north-west to Ladakh, and north-east towards Nepal and the Trans-Himalayas of India. The ancient physicians of Tibetan medicine had the great fortune to enjoy the use a virtually inexhaustible wealth of plants species for the preparation of their drugs.

Hidden features of Tibetan Materia Medica, the Tibetan physicians using their senses, instinct and intuition and accumulated knowledge has guided to discover remedies for common ailments from local environmental sources. In the past, Tibetan physicians have gained knowledge of medicinal plants through experiment and observing the behavior of animals. The classical materiamedica text explained that, 20 medicinal plants (ChedJor- is a name given on basis method of treatment) are based on behavior of animals for the treatment of 20 kinds of wounds (ChedJor), finding the method of treatment efficacy came through observing the behavior of animals. This method of treatment is highly regarded as supreme of medicine and secret medicinal plants.

According to Tibetan medicine, there are different ways of classifying Tibetan materiamedica, based on different schools of thought, regions and scholars. However, rGyud-bZhi, the fundamental Tibetan medical text, classifies Tibetan medicinal plants group based on their nature, potency, properties and qualities. They are classified in three broad groups. 1. Minerals materiamedica, 2. Animal materiamedica, and 3. Plant materiamedica.

Regarding quality of process of medicine, the most important is correct identification of medicinal ingredients and to avoiding any mistake in identification of medicinal ingredients. It is vitally important that compounding of medicine is done strictly according to medical texts, transforming the nature of substances for easier digestion, using detoxification processes, the purification of raw material and good hygiene, and uniform dosage of medicine without fungi and bacteria and free from damaged by insects or worm. The medicine should be good qualities assurance that would be significantly affect the healing potency of medicine.

In this modern scientific time the quality of the products of traditional medical systems are subject to a set of stringent scientific measures, irrespective of their relevance and suitability. In this cases where the products are subjective to quality control measure under the international Good Manufacturing Practices (GMP) criteria, a multitude of obstacles and problems are encountered.

Whereas the traditional ways of ensuring ingredients quality standard by the experienced physician is based on method of assessment as prescribed in the standard, authentic relevant medical texts, including core factors such as shape, colour, essential

oil nature, taste and smell, further examination through processes such as cutting, grinding, burning, soaking and weighing. If we are able to combine traditional method and modern quality control, then we might establish a standard principle to carry out quality control tests. Thus we can integrate traditional and modern science, which brings more precise and standardized medicine.

PS-20 Practical Application of Sowa Rigpa Pharmaceutical

SPEAKER Dr. Dorjee Damdul

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There is no such substance which is devoid of medicinal value, but the effectiveness and proper response depend upon the standardization or quality of the medicines prepared by the pharmaceutical units. The standardization of the medicines is much more important than the skilled Physician and the intelligent attendant. It is almost sure that the accurate prescription of the physician and care of the attendant could not relieve the patient unless the medicine is standardized. Therefore medicinal identification, proper collection, proper storage, detoxifications, authentic pharmacopoeia and the procedures of the manufacture are very essential for preparation of standard Medicines.

PS-21 Principles and Practical Application of Tibetan Medicine

in a Western Context

SPEAKER Dr. Lobsang Tsultrim

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The Tibetan Medical System is one of the world's ancient sciences and it is called Sowa-Rigpa –Knowledge of Healing. It is widely practiced in Tibet, India, Nepal, Mongolia, Russia, and in many places in Europe and the US. Tibetan doctors are invited to various places for consultations, conferences, seminars and exhibitions. The need for Tibetan Medical practitioners is ever increasing. In exile, Men-Tsee-Khang of His Holiness the Dalai Lama, Dharamsala; Chagpori Tibetan Medical Institute, Darjeeling; Department of Sowa Rigpa, Central Institute of Tibetan studies, Sarnath and Central Institute of Buddhist Studies, Ladakh are the prominent institutes in India which are authorized to teach and uphold the tradition of Tibetan Medicine. These institutes are registered under the Central Council of Tibetan Medicine, Dharamsala, India.

Over 315 qualified Tibetan medical practitioners have been registered under the Central Council of Tibetan Medicine, Dharamsala. As of the past few years, there are a number of private Tibetan doctors in Europe, Canada and the US, with whom westerners can have a consultation or receive Kyu Ney-Tibetan massage, as well as study Tibetan medicine.

Registration under Professional Organization:

Without losing the principles and wisdom of Tibetan Medical knowledge, it is important to follow the laws and regulations of the country where one resides, if one wishes to work legally. The practice must be registered (Tibetan doctor) under the umbrella of one of the professional organizations, such as Alternative or Natural medicine. One must fulfill the requirements, such as obtaining your diploma, acquiring experience, and receiving a degree equivalent to HBO (higher professional education), which is required by the above organizations. Unfortunately there is no Tibetan medicine council in Europe at this moment.

Registration of Tibetan medicine under the organization of safety food and consumer products:

The entire list of products made in the EU or imported should be registered under the above organization in Europe. The

requirements regarding manufacture and quality control of the products should be officially recognized. In general, the quality, safety and efficacy of the herbs have the highest priority.

Insurance of the practice:

It is obligatory that the practice as well as the Tibetan doctor should be insured. This will benefit the patients by allowing them to be reimbursed by the insurance company for a percentage of the consultation costs, as well as ensuring a safe situation for the doctor.

While following the legal rules and laws, one should maintain a good contact with patients as well as with their doctors. Cooperation with medical doctors and alternative practitioners will support and benefit both the patient and the Tibetan doctor. Tibetan Medicine plays an active part, along with other medical systems, in the service of humanity. Tibetan treatment can be combined with other treatments as long as the instructions are properly followed.

PS-22 The Management of Malposition and Malpresentation

(Through Sowa Rigpa and Modern Medicine)

SPEAKER Dr. Passang Dolma, MD

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The term "Go Jug Log Pa", literary means upside down or abnormal position of anything. In Sowa-Rigpa treatises such as Gyudshi's third Tantra, Budon Ma, Tsang Toe Zinthig & Yangthig and Chalag Choe-gyed and in its Obstetrics chapter, when it says Go Jug Log Pa, then it is referred to Malposition and Malpresentation of the growing fetus in the womb.

The types of *Go Jug log Pa* mentioned in these texts are; Footling presentation, Breech presentation, Transverse lie, Compound presentation, Face presentation etc.

These treatises elaborate in details about the management or correction of these abnormal positions so that normal birth can take place easily. It even discuss about the surgical procedures in a condition when fetus dies in the womb when **Go Jug log Pa** is unmanageable.

When we make comparative studies between modern medicine and centuries old Sowa-Rigpa, regarding the **Go Jug Log**Pa, we came up with some similarities between these system of medicine. The Modern Medical system elaborates in details whereas Sowa-Rigpa is more condensed regarding Go Jug Log Pa. The most incompatible one is the treatment part.

In this presentation I would like to go into details of **Go Jug Log Pa** and its management through both the system of medicine i.e. Modern Medicine and Sowa-Rigpa.

PS-23 Management of Evil Spirit Disorder (A) According To Bum-Bzhi Text

SPEAKER Dr. Passang Topchen dr.passangt@gmail.com

According to Sowa Rigpa, disturbance and harm to our natural environment can be the cause of diseases. Traditional Bon and Tibetan culture, believe that pollution and destruction of the environment such as the mistreating of rivers, lakes, oceans, trees (forests) and stones (hills or mountains) create a negative impact within these Natural Spirits, which turn then against mankind, causing for ex. emotional issues, mental problems, infectious diseases and energetic problems, including diseases within microorganisms. Sowa Rigpa does not separate microorganisms, such as viruses, bacteria and fungi into categories. However Sowa

Rigpa describes cause of disease by harmed Natural Spirits that cause problems in microorganisms, which therefore develop as fungal, bacterial and virus issues, and can manifest as very harmful to our mental, energetic and physical diseases. Injury of these natural spirits can also cause fatal problems for example; skin disease (e.g. leprosy), neural disease (e.g. epilepsy) and other diseases such as heart attack, sudden stroke, acute pain etc. Bon Po practitioners diagnose and differentiate mainly according to nature e.g., the elements, symptoms, colors, etc.

There are five major and one minor (the effect on children) classifications of injured Natural Spirits (or क्रिंक). Natural Spirits are good and positive and protect nature. They reside in springs, rivers, lakes, oceans, forests, hills and mountains etc. They are injured when their tranquility is disturbed due to pollution or diversion. For example, air pollution, river pollution, the excessive cutting of trees, digging in hills or mountains and the excessive use of chemicals, which disturbs their natural harmony. Treatments used to restore harmony are Bon rituals, natural herbal remedies, acupuncture and Moxa.

(Sickness caused by evil spirits or demons প্রাইজ ব call it injured Natural Spirits)

PS-24 The Knowledge and Its Elemental Theory of Illness Astrology

in Tibetan Astro-Science

SPEAKER Dr. Jampa Chophel

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As per directives given by the organizing committee in the context of above topic, there are many diagnostic methods and we can't explain all in detail. In brief, as per Sowa-rigpa literature, it shows three diagnostic methods which is widely quoted. Likewise, in Conventional Dependent Origination of Tibetan Astro-science, there are many methods in dealing sentient beings' pain and pleasure. As mentioned above, Tibetan Astro-Science methods does not touch consultation and touching process but, in relation to questioning. Thus, this explanation of Astro-Science binds under question category. In Tibetan Astro-Science itself, it describes many diagnostic ways in both the Elemental astrology and Vowel appearance. For instance, in 'Moon Rays elemental astrological quintessential instruction': Due to cause of elemental reaction and conceptual produces mixed illness with torment or for the newly born infant A19 pebbles are placed. Again in the same text: Further retrogression year sign, eight trigram, magic numbers weekday illness and demon causing disease etc. can be learnt through extensive literatures. And in the Pine Tree astrology: there are manifold methods. The final astrological heading, the present process of pebble application, to the four magic numbers of the present year's Life, Body, Power and Luck.

The result of patient's changeable Life magic number etc. and can find the method through their corresponding.' Likewise in Amdo region of Tibetan province, there is a special usage of 13 circulation methods, 30 Chinese and Tibetan Astrological heading. The serial no. 13 is the method of analyzing impact of harmful spirit astrology. It is through black vulture should be done through Water-Tiger and Water-Rabbit. The 15 is duration of patient's illness through rest state of patient from Fire Horse and sheep. Likewise, there are numbers of diagnostic methods through elemental astrology. In Vowel Appearance also, there are countless methods through 12 ascending procedure, illness related astrology. Similarly, through weekdays, lunar mansion and inhaling and exhaling. Daily 'tithi' table and so on. Also in Effective Astrology, one of the leading astrology is eight fairies astrology. This correlates with weekdays, 'tithi' and other daily components. These are all in the form of conventional dependent origination explains through trigram and magic numbers etc. Weekday and lunar mansion etc. impact is not similar to all the sentient beings, but there are several other processes to interpret it properly.

PS-25

Climate Change And Its Effect On Medicinal Plants

SPEAKER

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Tibet is one of the most environmentally strategic and sensitive regions in the world. Tibet is referred to as 'The Third Pole' and 'The Water Tower of Asia', which reflects the significance of its snow-capped mountains and its alpine grasslands and pasturelands. Since time immemorial, the plateau holds the Hindu Kush Himalayan Ice Sheet, the largest ice mass outside the two poles. Its plateau contains more than 45,000 glaciers covering an area of 105,000 km².

The panoramic scenic beauty and cultural diversity of the people living in the Himalaya make the highest mountains range on earth unique both ecologically and culturally. The people living in the Himalayas belong to diverse geopolitical zones such as Tibet, India, Nepal and Bhutan.

Tibet and Trans-Himalaya is rich in medicinal plants, In general, the diversity of medicinal plants on earth is so vast and abundant that one cannot imagine it will ever be exhausted. We realize that Mother Nature provides enough remedies for solving various ailments which exist on this planet, but it will not tolerate self-indulgence. Tibet and Trans-Himalaya is home to many of flora and fauna adapted to the alpine temperate climate or cold climate and high elevation regions, and it is rich in biodiversity of flora and fauna coexisting in peace and harmony for centuries in their natural habitat without hindrance by modern disturbances.

Climate change impacts in Tibet are vast and it affects almost everything from the disappearance of certain native plant species to the melting of glaciers. Scientific research states that the whole of the Tibetan Plateau is heating several times faster than the global average. With this heating, it creates a ripple impact throughout the Asian continent, starting from glacial meltdown, permafrost degradation, desertification, drying up of wetlands and the subsequent climate feedbacks.

Wetland as carbon sequesters throughout the world plays a pivotal role in recharging the aquifers in the arid and semi-arid regions of the world. Wetlands in Tibet play a major role in regulating the flow of rivers and also are the major carbon stores. They act like a sponge, absorbing water during the summer when the water is in excess and releasing it in the winter when the runoff is short.

Degradation of Himalayan plants is caused by the following factors: Unfortunately, much of the flora and fauna existing in the alpine temperate and high altitude regions as well as lower tropical and sub- tropical vegetations is decreasing due to deforestation, over-exploitation, unseasonable weather events, pollution, over grazing, fire, floods, drought, disease and destruction of habitat because of industrialization, urbanization, roads and water reservoirs constructions. The consequence is that some important and valuable medicinal and aromatic plants are becoming rare, endangered and scarce in their natural habitat.

Impacts of climate Change on People's livelihood in high regions, the subsistence of people living in high altitude regions is based on some cash crops such as wheat, barley, mustard, and pea and potato, beans and radish, fruits such as apple, apricot and walnut. They also grow medicinal plants such as <code>Sassurealappa</code> and <code>Inularacemosa</code>. Despite the harsh climates they very much depend on these resources. In recent years, these local communities are facing lots of challenges in their livestock and livelihoods due to climate changes and global warming threatening their survival. Another the important factor which leads to depletion and less plant species in alpine regions are tourism, trekking parties This is based on my book on Cultivation and Conservation of Endangered Medicinal Plants.

PS-26 Sowa Rigpa: Historical Background And Current Status In Mongolia

SPEAKER Dr. Ganzorig Dawaa-Ochir

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The article discusses legal status of institutions and specialists of Tibetan medicine in Russia, and its integration into national health system. The term of traditional oriental medicine in Russia comprises the Tibetan medicine as well. In official documents it is referred as a "Traditional (complementary) medicine", according to federal law No 323 "On the Fundamentals of Health Care of Citizens in the Russian Federation". This document doesn't permit distribution and import of medicines based on Tibetan formulas; the traditional methods of treatment and diagnostics are not included in the medical standards, therefore they are not covered by insurance; there is no educational program of a doctor of traditional medicine. Exploring the activities that are carried out to address these problems, I demonstrate joint efforts of politicians, scientists, doctors to manage the major complications of traditional medicine in Russia.

A study of the activities of Alexander and Peter Badmaevs on promotion Tibetan medicine in the 19th – early 20th centuries leads me to conclusion that they dealt with the similar problems that still exist in modern Russia.

Keywords: Tibetan Medicine, Oriental Medicine, legal status, Russia.

PS-27 Sowa Rigpa; Legal Status In Nepal

SPEAKER Dr. Nyima Tsering

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Nepal is regarded as the land of precious herbs. The Himalayan foot hill is covered by rich medicinal plants, which have wondrous properties in curing many ailments. The peaceful country of Nepal is in urgent need to reduce incidences of disease, which are at the stake of "Emergency". In order to improve overall Health and Hygiene condition, it is the responsibility of every individual and health care sections of the country. Nepal is a developing country and low socio-economic status nation. Our country has become the victim of infectious diseases, nutritional disorders, metabolic problems, and chronic diseases, those must be brought under control by educating basic hygiene methods. All the more, infectious diseases like HIV, STD and Tuberculosis are on the rise, which need urgent "Health Precautions and Remedial Education" to be provided to the community. Likewise, non-communicable diseases like metabolic disorders, cardiovascular, neoplastic and mental health problem are also increasing at an alarming rate which has become a huge social concern to be noted. Due to humans' greed, our natural environment gets greatly affected by causing Global warming, which caused the most devastating health problems of this world. Sowa-Rigpa plays a vital role in the conservation and preservation of Global Climate change and Environment.

The concept of Sowa Rigpa is to maintain the inner and outer 5 elements in helping to resolve the biggest issue of global climate change in general and chronic cases like metabolic disorders and cancers in particular. Furthermore, the external therapies of Sowa Rigpa medicine can help many local people who are living in remote hilly areas where medical access is not accessible. It was rightly quoted and predicated by YuthokYontenGonpo, Father of Sowa Rigpa Medicine, since 12th Century, that, "My wish is that Sowa Rigpa would spread like the infinite expanse of the sky in order to benefit all sentient beings." In order to keep alive the hopes and aspiration of the Great Father of Sowa Rigpa Medicine, on the date of July 31, 2016, the History was created by establishing Sowa Rigpa International College, Nepal, which came into being under the affiliation of Lumbini Buddhist University, Nepal. This renowned newly established College has initiated Bachelor of Sowa Rigpa Medicine program. The curriculum has been designed

after extensive discussion among various learned physicians, professors, and lecturers after extensive review. Sowa Rigpa International College of Nepal is the Learning Temple, whose door is wide opened for the continuous flow of great learning scholars from all over the world. It is the right place to keep the main stream of Herbal Sowa Rigpa Medicine, flowing from generation to generation like perennial rivers. And this is the stepping stone for the establishment of Sowa Rigpa Council in Nepal under the government of Nepal.

PS-28 Sowa Rigpa: Yuthog Nyingtik and its significance to its practitioners

SPEAKER Dr. Nida Chenagtsang

www.sorig.net

The Yuthok Nyingthik (The Heart-Essence Drop of Yuthok) was transmitted to Yuthok Yonten Gonpo in the twelfth century by the dakini Tsomo Palden Treng ('The Chief Goddess Glorious Garland/Rosary'). It was then taught to Yuthok's heart-son Sumton Yeshe, who made notes based on Yuthok's direct oral instruction. After this, Yuthok edited these himself and (it came to) comprise a complete dharma-cycle. It is called in full 'The Heart Essence of Yuthok, the Sunlight of Compassion, the Dharma-cycle of the Blessings of the Practice of the Guru that dissolves all Suffering and Darkness'. These days, the Yuthok Guru sadhana cycle is widely known for its inclusion in the 'Nectar of Good Qualities' from the Mahayoga cycle of teachings in the Rinchen Terdzoe [tge' Treasury of Precious Termas', The collection of revealed scriptures assembled by Jamgon Kongtrul Rinpoche in the late 19th century]. The entire Dharma-cycle of all of the assorted (magical) ritual procedures, medicine empowerment rites, Creation and ('Iron Mountain'), Drophen Ling ['The Center for Benefiting Beings', the traditional Tibetan medical institute established in Lhasa by the regent of the Great Fifth Dalai Lama, Sangye Gyatso in 1696]. In accordance with the wishes of the great medical professor Gojo Wangdu, and after obtaining authorization from the great and esteemed scholar Troru Tsenam, the Ngakmanh Shipjook Khang or Tantric Community Research Institute typed up copies of the Chagpori set for the first time and everyone was able to see it. In Yuthok's heart-son Sumton Yeshe's hymn or words of offering we read:

"This guru sadhana of the definitive meaning of the Highest (Yoga) Tantras is the blessed oral lineage that is not known to all. It is the path bestows Buddhahood in one lifetime, it is unadulterated by the admixture of individual fabrications or mental assumptions." The uncommon significance or twelve special characteristics of this oral lineage, of what Sumton Yeshe describes as 'the guru sadhana which is the definitive meaning of the Highest Yoga Tantras' will be explained as follows:

- (Itbrings) blessings quickly
- 2. It's easy to accomplish
- 3. It's simple and convenient
- 4. It's comprehensive (i.e. it includes all the essential points)
- 5. It's connected with medicine
- 6. Its sequence of practice is clear
- 7. It'non-sectarian in its doctrine
- 8. It's of an appropriate or convenient length
- 9. It's timely
- 10. It's (capable of) 'taming' (i.e.spiritually/morally/mentally refining) anyone
- 11. It's a set of instructions without equal
- 12. It condenses the ultimate meaning and all of the essential points of the Buddha's teachings



ABSTRACT OF PAPER PRESENTATIONS

(Full Paper is available at www.tibmedcouncil.org/ictm/)

PP-1 Historical Background For Tibetan Medical System in

The Republic Of Tuva (Russian Federation)

SPEAKER G.B. Kopeliovich¹, L.A.Pavlova¹, ²

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Republic of Tuva is located in the central part of the Asian continent. Its total area is about 170,500 square kilometers, of which 82% are mountains. The republic spans three climate zones: dry-steppe Tuvinskaya, semi-arid Ubsu-Nurskaya (on the border to Mongolia) and taiga-covered Todjinskaya and Tere-Holskaya areas. This varied climate results in a diversity of soil and vegetation cover, promoting development of traditional Tibetan medicine in the Republic. Plants growing at high altitudes under rich insolation tend to accumulate more biologically active substances than their peers in the valleys. This situation was found to be of importance to oriental medicine theorists and practitioners.

Researchers identify two periods in the development of medicine in Tuva. In the pre-Revolution period, the republic was dominated by traditional Tibetan medicine and magical medicinal practices. Tuva's residents commonly used phytotherapy methods, applying medicinal herbs growing locally. Scientific medicine was not known almost until the end of the 19th century. Russian travelers and researchers that brought first-aid kits with medications during their journeys. Researchers note that no Russian or European medic had visited UranhaiKrai before 1913. The first clinic opened on April 20, 1913, with the arrival Anna Mikhailovna Safianova, a graduate of the Medical Department of Tomsk University. She became the head of Turansky medical station, the first European-type medical institution to serve patients.

The second phase in the history of healthcare in Tuva started in 1928, with the resolution of Healthcare Commissariat of the Russian Soviet Federal Socialist Republic to send a brigade of doctors to the republic to provide medical services to local residents, and later building comprehensive healthcare system. The situation with traditional Tibetan medicine specialists also started changing at that time. In the first years after the Revolution, the first Constitution of Tuva People's Republic declared freedom of religion, which increased the number of monasteries. Only 22 monasteries operated in Tuva before the Revolution, but many more hurees were built later. In absence of the European medicine, treatment and disease prevention functions were mainly performed by lama healers living in the monasteries. The number of such healers can be estimated from the fact that of the 33 delegates representing all hurees of Tuva at the Pan-Tuva Lama Congress, 9 were emchi-lamas, Since 1930 the situation in the Republic started changing rapidly. In October 1930, the VII Congress of the Great Khural of Tuva passed the Republic's fourth Constitution, which proclaimed socialist development of the country. According to the document, lamas, shamans, and orthodox priests lost their electoral rights. Religious leaders were prosecuted in TPR. While the number of lamas in Tuva in 1929-1930 was 2,200, by 1936 only 594 remained. The third stage can also be identified, starting in 1980ies and characterized by national and cultural revival peculiar. Neo-shamanism was actively restored, folk healers became abundant again, specialists in traditional Tibetan medicine reappeared.

 $Currently the interest in traditional \ Tibetan \ medicine in the \ Republic \ of \ Tuva \ is \ growing \ again.$

Tibetan medicine exists in two versions. The first one is the traditional Tibetan medicine, the way it is taught at specialized educational institutions or huree. Most often doctors practicing traditional Tibetan medicine graduate from Medical and Astrological College at Dharamsala. To some extent, Tibetan medicine seems to be open to the use of modern biomedical developments. While maintaining its holistic approach, in certain aspects reductionism of modern biomedicine has penetrated the traditional Tibetan medicine (TTM). This is especially visible in the vocabulary of the doctors, who explain the nature of diseases to

the patients in modern biomedical terms.

The second option of Tibetan medicine existing in the area is more appropriately called Tuva-Tibetan medicine, and it relates to the continuous transfer of TTM knowledge in Tuva since the 18th century. Until 1928, Tibetan medicine had an official status in UranhaiKrai. In his memo doctor A.P. Preobrazhensky wrote that the Ministry of Internal Affairs had registered 235 practicing lamas; however, the actual number was much higher. Even though the lamas used methods of traditional Tibetan medicine, they also contributed greatly to the prevention of small pox by performing vaccination. Despite Preobrazhensky being very skeptical about the lamas' medical skills ("Tibetan medicine, already based on mysticism, largely turns into sorcery in the hands of local lama doctors"), he gives an important indication that most lamas were trained not in Mongolia or the Tibet but in the local monasteries, learning the healing methods from their ancestors. The recipes of medical preparations were modified to use local plants. Since medical operations of the Buddhist followers, based on the common foundation of traditional Tibetan medicine, was adapted to the local traditions that emchi-lamas learned in their new habitat, it would be logical to say it was synthetic in nature and open to any new form of cultural and medical practice.

Studies of the modern local variations of TTM (Buryatia, Mongolia) show that each region practicing TTM had its own set of medications, and therefore its own specifics of theoretical and literary activities. Since 2008, employees of the Medication Development and Pre-clinical Trials Laboratory at the Federal State Educational Institution "Sechenov First Moscow State Medical University" have been studying the ethnic medicine of Tuva's people. Field research has shown that several monasteries providing medical assistance to the local population were operating in the area before the 1930ies. Toora-Hol settlement in Kyzyl also had several hospitals with doctors practicing Tibetan medicine. Artifacts were documented in 2015 that belonged to one of the last Tibetan doctors – Homushk Kenden-Surun (1916-1981), who had to leave to IvolginskyDatsan in Buryatia right after World War II, where he was eventually killed in 1981. He returned to Tuva every year, collecting and preparing medical herbs and secretly treating patients.

In 2016, students and staff at Tuva University conducted field research at the location of Koop-Sookskoehuree – the center of medical thought in Tuva in the first third of the 20th century. Currently the huree has been reproduced, however at a much smaller scale, by KogelSaaya, stone carver and a member of the Union of Artists of Russia. Material assets and other information held by OorzhakBoydu, the disciple of a famous healer and the last abbot of the Koop-Sook huree, TulushChamdyylai (1889-unknown). The lab employees compared the list of plants used in Mongolian version of Tibetan medicine, against the plants growing around the huree. More than 40 items were matched in the two lists.

PP-2 Treatment Of People Infected With Chronic Hepatitis B + Delta

With Tibetan Herbal Pills

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According to the WHO, 15 mln people suffering from Hepatitis delta virus (HDV) are registered all over the world. The problem of the infection under discussion remains of utmost relevance for the practical health care of Russia. Morbidity rates in the Tyva Republic continue surpassing the All-Russian one. Studying Hepatitis delta virus has become a social objective, because the virus damages working population, causes disability in some cases, and the long-term treatment of people infected with Hepatitis delta virus is costly to the state's budget. Taking into account the fact that Hepatitis delta virus is often followed by serious or chronic liver disease, chronic active hepatitis and hepatic cirrhosis, patients hardly responds to treatment with conventional anti-viral medications. The high costs of the therapy of such patients make clinicians consider the plausibility of other treatment tactics. The treatment of Hepatitis delta virus attracts researchers' attention in many countries. The research is devoted to the treatment of people infected with chronic hepatitis delta with Tibetan herbal pills.

SPEAKER Nashalla G Nyinda Menpa

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Fibromyalgia presents a myriad of symptoms. Therefore pinpointing treatment is challenging and varied in western medicine. I assert this condition primarily falls under the category of rLung disorders. Consulting the chapter on wind disease a direct correlation emerges. The root causes of this modern western disorder rest within the causes and conditions of rLung itself. Further, due to the chronic nature of this disorder, involvement of other bodily systems often produce imbalances which fall under dual humoral classification. By understanding the pathology, described symptomatology, causes and conditions, locations in the body, and patient sensations, a clear pathology is revealed. Treatment follows guidelines elaborated within the Tibetan medical texts. Specifically, rLung disorders attacking muscles, tendons, ligaments or rLung 'running in the channels' provides accurate descriptions of and treatment models for this modern western affliction. In this paper, I identify Fibromyalgia pathology and beneficial treatments within the fourmethods; consisting of diet, behavior, medicine and accessory therapy. I present examples, techniques which produce results, and precautions for preventing secondary disorders.

OUTLINE FIBROMYALGIA IN SOWA RIGPA

Fibromyalgia presents a myriad of symptoms. Therefore pinpointing treatment is challenging and varied in western medicine. I assert this condition primarily falls under the category of rLung disorders. Consulting the chapter on wind disease a direct correlation emerges. The root causes of this modern western disorder rest within the causes and conditions of rLung itself. Further, due to the chronic nature of this disorder, involvement of other bodily systems often produce imbalances which fall under dual humoral classification. By understanding the pathology, described symptomatology, causes and conditions, locations in the body, and patient sensations, a clear pathology is revealed. Treatment follows guidelines elaborated within the Tibetan medical texts. Specifically, rLung disorders attacking muscles, tendons, ligaments or rLung 'running in the channels' provides accurate descriptions of and treatment models for this modern western affliction. In this paper, I identify Fibromyalgia pathology and beneficial treatments within the fourmethods; consisting of diet, behavior, medicine and accessory therapy. I present examples, techniques which produce results, and precautions for preventing secondary disorders.

Staying within the Third Tantra we focus upon pathology, causes, conditions, classifications, as well as corresponding treatments. The chapter on *rLung* groups a total of forty-eight *rLung* disorders, further broken down. Twenty by type, of which eight are summarized and twenty-eight by location. In fibromyalgia, symptomatology detailed in the *rLung* chapter directly matches many of the documented general signs of basic *rLung* conditions. *rLung* itself is very pervasive, enters though all five possible entrances or pathways. It shows symptoms directly on skin, muscle, bone, ligament and runs though the channels. This you see in cases of fibromyalgia.

Having firmly linked and established the connection between wind rLung diseases and fibromyalgia symptoms the logical question becomes, what Tibetan Medicine methods benefit this affliction? I believe the healing methods of Tibetan Medicine are totally self-sustaining. Integration of Sowa Rigpa as an adjunct therapy is accomplished by teachings and using direct observation. As patients experience decrease in symptoms, they increase compliance to protocols of diet and behavior. Understanding even in rudimentary ways how ones own body and mind relate to disorders, which foods harm or help creates increased symptom relief. This creates commitment from patients to additional protocols, such as medicines and external therapies only serving to increase desired stabilization and reversal of acute and chronic conditions.

In conclusion, fibromyalgia is classified as rLungnatured disorder. It can blend with either heat of mKhrispa and inflammation, or earth and water's heavy, cool and sticky conditions of Badkan. In the Tibetan system it is best managed through proper diet and

behavior known to reduce and eliminate excess, deficiency or perverse levels of *rLung*. Teaching patients which foods and behaviors harm and increase symptoms aids in restoring vitality. Engagement and inspiration to relate with basics of the Tibetan medical system is helpful in creating a relationship with patients willing to actively work towards management of their symptoms. The body and mind connection can be further enhanced with yogic breathing exercises and vagus nerve breathing during meditation to decrease inflammatory responses.

PP-4 Traditional Tibetan Medicine As An Ancient Personalised Medicine

And Its Relevance In The Modern World

SPEAKER Dr. MD Yulia Yusipova,

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More and more scientific discoveries are happening in the world, more and more we learn about ourselves new at the microscopic level, but at the same time we lose the sense of integrity.

The world is changing, and medical approaches are changing. If a hundred years ago the main cause of death was infectious diseases, now it is cardiovascular diseases and oncology, which is in fact the outcome of chronic sluggish diseases.

Now we already know what genetics and epigenetics are. Genetics suggests the development of a disease, and epigenetics allows to develop or not develop the disease. Now we know that through the changing the way of life, physical activity, nutrition, stress level, we can reduce the likelihood of negative genes. Having deciphered the human genome, we have access to a unique code through which we can try to manage our health and even life expectancy.

Proceeding from the postulates formulated in 2008 by the American biologist Leroy Hood, the whole world learned about the main criteria of modern medicine. Modern medicine must be predictive, preventive, personalized and participatory. If we study the theory of Tibetan medicine and approaches to the treatment and prevention of diseases, then we can find all these criteria in traditional Tibetan medicine. So the predictive value of medicine is achieved through knowledge of the typology in traditional Tibetan medicine. A large number of works have already been done on the comparison of genetic polymorphisms and some other constitutional types of traditional medicine. In this paper we will review the most interesting data in this direction. Knowing your set of polymorphisms or the constitution, we can talk about the likelihood of developing diseases that are associated with risks for this constitution.

Preventive - immediate correction of the conditions detected as a result of diagnosis. In traditional Tibetan medicine, there is an ancient nutritional and traditional medicine approach to the treatment of various disorders of typological character or resulting of elements imbalance.

Personalization - here the approach is built not only by constitutional type (genetics), but also the possibility of an individual type of balance disorders (epigenetics). So in Traditional Tibetan Medicine some diseases, characterized by the same symptoms, can have a different therapeutic approach. Differentiation of diseases is carried out according to certain diagnostic criteria, carried out through diagnosis of pulse, urine, tongue, eyes, ears and a special method of questioning the patient.

Participation - the patient is an active participant in the healing process, is trained and can independently adjust his state. Undoubtedly, in antiquity this approach was simply a guideline for following the rules. But in the modern world, the possibilities are much broader and we can recommend coaching sessions or schools for patients to more effectively introduce new healthy habits and provide correction of the state during the healing process.

Thus, traditional Tibetan medicine meets all the criteria of modern medicine and can be recommended for use in medical institutions. Moreover, economically this medical approach can become more profitable, since diagnostics does not involve the use of complex laboratory and functional studies and can be recommended for use in screening preventive examination and for the treatment of chronic diseases.

PP-5 PHILOSOPHY OF HEALING TRADITION IN TIBET

(c. 617 A.D - c. 785 A.D)

SPEAKER MD ASRARUL HAQUE

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Tibetan medicine is a science, art and philosophy that provides a holistic approach to health care, and aims to secure physical, mental and spiritual health of an individual,

According to Tibetan medical science, all kinds of physical and mental sufferings arise fundamentally from Marig-pa (delusions). They simply unfold as aftermaths of our own delusions and negative karmic actions prompted by untamed states of mind.

The Tibetan healing science explains that delusion is the root cause of rebirth into the misery of cyclic existence as well as the cause of physical and mental illnesses. Lord Buddha taught, suffering is experienced due to ignorance arising by not recognizing the meaning of selflessness. This inner enemy has no positive qualities at all, it is only to be fought and destroyed. Buddhist philosophy states that only through proper learning and genuine practice of Buddha *Dharma* one can liberate from imprisoned mind to total freedom and true self-realization.

Tibetan medical theory states that the three mental poisons (Dug-gsum) which are desire ('Dod-chags), hatred (Zhe-sdang) and ignorance (gTi-mug) arise from the root delusion. Besides these three mental poisons, the primary causes of physical human sufferings are said to be disturbed states of rLung(wind), mKhris-pa (bile) and Bad-kan (phelgm) humours which are also said to be near causes of disorders. The dynamic equilibrium of these functions ensures optimal health. To understand this subject, one has to study the law of Dependent Origination, which can be clearly known through the study of Buddhist law of karma and rebirth. Thus, unless and until we attain an enlighten mind or Buddhahood, we all suffer. Only through the study of mind and its proper training attain Bodhichittaand Bodhisatva which would lead us to ultimate happiness and physical health.

PP-6 From Hidden Fever To Silent Inflammation: Translating Concepts

SPEAKER Dr. med. vet. Cecile Vennos

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The principles of Tibetan Medicine (Sowa Rigpa) as they are thought and applied in practice till today stem from many centuries ago. These define the frame of reference, according to which the medical texts of Sowa Rigpa - foremost the rgyudbzhi - describe the different medical fields, among many others - in modern terms- anatomy, etiology of diseases, pathology, pharmacology, dietology and diagnostics.

Tibetan medicine and Tibetan herbal formulas are experiencing growing popularity worldwide and also in Western countries. However, most of these interested people have at best a very limited knowledge of the origins and principles of Tibetan Medicine. This is true for the public and the patients as well as medical professionals and regulators. The Swiss company Padma Inc. manufactures formulas based on Tibetan Medicine since 1969. The production takes place in Switzerland and follows the high quality standards for pharmaceuticals. The experience of almost 50 years show, that to develop a Tibetan formula to a product, that is legally marketable in Western countries a structured translation and transformation process is necessary.

One essential step in this process is, to find a language to explain in Western terms complex concepts from the system of Tibetan Medicine. In the following an example for such a possible translation shall be given and discussed.

The expression of "hidden fever" in Tibetan Medicine relates to multilayered disorder of the three principles loong, tripa and beken. In a hidden fever – as the name implies – there is an excess of tripa in the body or in certain organs, which does not manifest in classical heat symptoms. On the contrary, on first sight the main symptoms suggest a loong and beken disorder. When we look at Western medicine this could be compared to the state of a "silent inflammation". This expression has been used since about 10 years and means a low level inflammatory process in the body, which is chronic and does not lead to the classical signs of fever or inflammation, namely to pain, redness and swelling. However, only in the last few decades the connection of such a low level inflammatory status and many chronic diseases has become known in Western medicine. Now it is known, that silent inflammation plays a role in the development e.g. of diabetes, obesity, atherosclerosis, metabolic syndrome and depression. These in turn show typical aspects of loong-beken disorders.

Western medicine, in spite of slowly recognizing these complex relations, still tends to treat connected ailment or symptoms separately instead of developing coherent treatment concepts. Tibetan medicine however has known the interrelations between manifest long-beken symptoms and the more obscure tripa-disorder since centuries and describes them according to the principles of the medical systems.

This example shows on the one hand, that a translation or at least a descriptive and elucidating comparison and discussion of medical concepts between medical systems is possible, even if the terminology and frame of reference may be very different. On the other hand it shows that a profound knowledge and understanding of both systems is necessary to meaningfully translate ideas and concepts. However, the translation of such concepts is an essential step in the process of making formulas from Sowa Rigpa available in Western countries and thus help patients.

PP-7 Tibetan Medicine in The Era of Tsarist Russia

SPEAKER Svetlana Chojinimayeva

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The history of the Buryat physician of the imperial family Peter Badmaev

Traditional medicine of the Buryat people has no written sources. The main features of the Buryat folk medicine are the characteristic for the medical traditions of nomadic peoples, namely the use of mainly external non-medicament means of treatment (bone-setting, massage, rolfing, vacuum therapy). Historical materials covering the spread of Buddhism and Tibetan traditional medicine date the first information in the middle of the 16th and 17th centuries, linking with the official acceptance of Lamaism as the state religion. Already at the beginning of the 18th century in Transbaikalia there were skilled healers who used the whole range of medicines and methods of Tibetan medicine and had practiced among the population. The first doctors were Tibetan missionaries, they tried to teach their art to students of the Buryat heritage. The first head of the Buryat lamas, Tibetan Aghvan Punzog, was known as a good healer. And the first doctor from the Buryats, whose name was well established, Zhimba Akhaldaev, who studied in Mongolia and in Tibet. After him, another well-known Buddhist monk, Lama Damba-Dorji Zayayev, received education in Tibet.

The son of the Buryat steppes - a doctor of the Russian emperor Peter Badmaev

Tibetan medicine became very popular in tsarist Russia at the end of the 19th century, thanks to two Buryats, brothers, emchi-

healers, Tibetan medicine doctors Sultim and Zhamsaran Badamev. However, more active political, social and scientific activities in the popularization of Tibetan medicine were carried out by Peter (Zhamsaran) Badmaev. Taking advantage of the favorable attitude of the Russian emperor, he made every effort and arranged an unofficial visit of the Dalai Lama to St. Petersburg and a meeting with Nicholas II. Along with this, Peter Badmaev was engaged in charitable and educational activities. He anonymously donated funds for the construction of a Buddhist temple in the northern capital of St. Petersburg. This datsan is now a historical monument and a functioning temple for Buddhist parishioners. In St. Petersburg, near his own house, a sanatorium was built, where patients were treated, and the Tibetan medicines were stored and prepared. After fifteen years of service at the Russian Foreign Ministry, Peter Badmaev left the ministry and gave all his strength to Tibetan medicine. In 1898 he published the first book "Chzhud-Shi" in Russian.

The history of the first largest in Russia clinic of Tibetan medicine "Naran"

In 1989, the history of our cynics began, although the idea of its creation was much earlier. To pursue Tibetan medicine I was motivated first of all by my practice of the classical Western doctor. As a young specialist, talking to patients on a daily basis, I very soon realized that conventional medical education was not enough for more effective treatment of patients, and I began to search for alternative therapies. I studied literature on Buddhism and Tibetan medicine, took over experience from Buryat lamas, emchilamas. Bair Chojinimayev, my brother, also a doctor of Tibetan medicine, supported me in my professional searches. Now our clinic has 8 branches: 4 in Moscow, 2 in St. Petersburg, 1 in Kazan and in 1 Yekaterinburg. In Austria my nephew opened his own practice, which also continues our family business tradition, the doctor of Tibetan medicine Vitaly Radnaev. For the first time in Russia, we began to treat our patients according to the principles of Tibet's medical science; all diseases we divide into two types; diseases of "heat" and "cold." At the heart of the treatment of our patients is the basic rule of the theory of Tibetan medicine regarding the division of people into three groups: these are the types of people who are divided according to the constitutions or dosha (ayurvedic approach), "Wind", "Slime" and "Bile". In 2004, we created the first and only periodical in our country, popularizing the principles and methods of Tibetan medicine - the newspaper "Bulletin of Tibetan Medicine." Our edition comes out with a circulation of 310 thousand copies. The clinic "Naran" in 2013 opened another own informational resource, the purpose of which is the popularization of Tibetan medicine in Russia - the first medical Internet radio "NaranFM". Under the patronage of our clinic "Naran" in memory of my brother and my mother, in Buryatia one of the oldest Buddhist temples of the Zaghustaysky datsan is being revived, the opening of which took place on September 13, 2014. The medical practice of the clinic "Naran" for 28 years has proved the high effectiveness of the methods of Tibetan medicine, the successful results of our patients. Now, combining the knowledge of modern Western and ancient Tibetan medicine, its possible to create something that will continue on for centuries.

PP-8 केंदिरेवा द्वेद्वा अस्याक्षुद्रशायिक स्त्री प्रदान्त्वा स्वास्थ्य वर्षे वर्ये वर्षे वर्षे वर्षे वर्षे

SPEAKER श्रुव्यसम्बद्धिवसमेन् भेप्युन्

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SPEAKER

क्रमूर नातर दिर नग्रभीना

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શુંલુ વાર્યુ ક્રુવાનાનું વર્શુ શ્રેષ્ટ, નેલ્ફ્રની વાર્યુશ, મુશ્યાને લ્યું કર્યા ક્રુવાનાનું વર્શું કર્યા કર્યા છે. નિર્દાણ સ્વાયાને સ્વાય

PP-10 विश्वेत पुत्री प्रश्ने स्थान वर्षे स्थान स्थान वर्षे स्थान वर्षे स्थान वर्ये स्थान वर्षे स्थान स्थान

SPEAKER गुन्नाभेन्।

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नूर् ग्री-रिशेर मङ्ग्र प्राप्त के प्राप्त कर कर कुर किया मुन्ट मिनट मिनट मिनट मिनट कुर के मिन मुन्य के प्राप्त क्रमभः भ्रमः विवाधितः वा सर्वे स्नारः श्रीनः सर्वे वित्रः श्रवाची राज्य त्रमः क्रियः वात्रवाचात्र वात्रुमः वित्र व र्यं क्षेत्रभारुव क्षेत्रपद्य वह वा मी क्षेत्र दराया वहवा हेर्र मी वाधावारा वन्य भारतीत्र भारतीत्र भीवाधीव परिवर्ष में मिला हिराय भारतीय है। बर्द् ने हुतु में राजूर ने दुशानशान्य विचा वैदान बंशान बर्द्या निवास के किया माश्री के माश्री तन्त्र मिला के माश्री निवास के माश्री निवास के माश्री माश्री निवास के माश्री बार्श्र-दिन-द्रवा सद्युन्त्र द्रवा वी क्रिंट कर्द क्रेंट देवर लीट चल्लेद क्री क्रेंट प्राथम खेबा सद्युन्त्र क्रिंट प्राय हिंदा कर्दा है। क्रिंव हिंदा वार्थ हिंदा देश देश देश दर्श ह्य द्वर वित्वे के दे क्रुन्यि क्रिन्य वेन् या सहन् हे सन्देन मुक्ते दिर दे सामन्तु मानव हिन हे साहन वित्त वित्य वित्य के वित्य के वित्य के वित्य के કુૈશ[્]શું ત્રેટ્-ર્-ુ-વર્લવાશ્વર્શ કેવાનવુદ કે શૈય જાદ્દરાના જાદ્યાન કેર્યાને કેર્યા જાદ્યાન કેર્યા કેર્યાને કેર્યા છે. ત્રામાન કેર્યાન કેર કેર કેર્યાન કેર્યાન કેર્યાન કેર્યાન કેર્યાન કેર્યાન કેર્યાન ક बार्श्य म्हार क्षेत्र विद्यालय के क्षित्र में के का क्षेत्र क्षेत्र के स्वतंत्र के स्वतंत्र के स्वतंत्र के स्व लुपी चोटाकेर.चोर्चिटालेबोश.वर्ट.चश्चश्चश.च.प्रश.चश्चट.जूट.जु.टीवेट.वर्ड्श.हबा.चतुःलबा.लुप्र.ल.केर.जश.केबा.चतुःबाल्चीश.टीट.वर्जुल.क्रिश.जु.जश. · श्वाभः क्रित्रेश, रशयः इत्यभः लूरी ट.क्रूभः भैरः चषुषुः चर्ड्रः श्वःलयः जवा चभिरः क्रियः वश्रभः शक्कुरः श्वा व्या स्वयः स्वयः रटः वर्षे रः यभः रशिरः यः विदः व લિયો માતનું ના.ને.ને.ને.તાન જાતનેને.તાનું જાતને તે જોવે. જાતને જે માત્ર જે માત્ર માત્ર ને તેને તે તે તે તાના યોજના માત્ર ના માત્ર ને જોવે જો તો મું सैन्यागुः चित्र-एचायागुः क्षे चीन-र्रायनाग्रेन्यान्यस्य ग्रीन्य्रिया सूर्यायायाः स्यावितान्यस्य न्यायायायाः स्य श्रृयो विश्वालूर राजाशवाजूर अञ्चय सर्जा

PP-11

म्बेशनवियम्बद्द्यन्द्रवाम्

SPEAKER

とかに見るまま

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सूर्य चल्नी-सूर्य हुन स्थान्य सूच्या विषय तथा स्थाने सूर्य नवस्य सूच क्ष्य चल्नी-स्थाने सूच्या विषय सूच्या सूच्या

PP-12

ब्रिट्डेन्यम मृब्दिन्द्डे ज्या हु इस्त्र क्रूर्न्डन्या

SPEAKER

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PP-13

Tibetan Buddhist Tradition And Neuro-biology

SPEAKER

Professor Arun Kumar Jha & (Mrs.) SudhaJha

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This paper intends to present the nature of the mind and related issues as they are understood within Tibetan Buddhism as well as by neuro-biologists. From a Buddhist perspective the reason for engaging in such investigation is simply to gain greater knowledge about the mind and to learn nature of transformation in the mind.

Despite a great deal of debate, the most predominant thoughts of Tibetan Buddhism maintain that all phenomena are of the nature of the mind. Hence, the Buddha has placed great emphasis on the mind. He is of the view that if one trains the mind (Tib:lojong), there is joy, and if the mind is indisciplined, there is suffereing. That the principal things which must be purified, are the contaminations of the mind, and these also are mental. And that which purifies the mind are the excellent qualities or states of mind. The philosophy underlying Tibetan gtong. Len identifies the very nature of mind, its innermost essence shadowed by jumbled thoughts and afflictive emotions (Tib:yon-mongs). This can be overcome by meditation. Proper meditation further of the zhi-gnas(Skt: Shamatha) or "tranqulity meditation" and lhag-mthong(Skt: Vipashyana) or "insight meditation" can lead to perfectly realized human beings. In fact, when we work only for our self interest, our potentials cannot be fully developed because we are very limited by such a narrow view of life. Instead, if we open up our mind to see and care for the well-being of all sentient beings, our ability will gradually grow and our potintials will develop to full maturity. The origin of our spiritual impurity is our narrow-minded selfishness.

In this way, the mind training (Tib:lojong) results in the development of compassion and love of the Buddha for ourselves and for others as well. It helps to change our neuro-bio-system and enhance the physical and spiritual awareness through which we learn to be mindful, which is the most important basic human needs. From this perspective of Buddhism, the faculties of the mind (Tib:sem) facilitate the task of its transformation by the pursuit of knowledge (Tib:shesja) and meditation (Tib:sgom) and love (Tib:nyīngjey) and compassion (Tib:jampa).

PP-14

वॅद्खन्यम् म्रास्ट्रिन् वी यान्र यादि यवेष क्रुस्ट्र स्ट्रिट्न यी प्रमुद्द प्रवेष

SPEAKER

लया स्वायन स्वायन दिन केव स्वायन

ABSTRACTS OF PRACTICAL WORKSHOP

(Full Presentation will be available at www.tibmedcouncil.org/ictm/)

PW-1 Sowa Rigpa: Significance of External Therapies

SPEAKER Dr. Dorjee Rapten Neshar

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Physical Therapy according to the definition of Sowa Riga system of Tibetan Medicine is explained as a kind of any physical application given to any part of the body to eliminate any disease or any form of physical discomfort. It can be a head, neck, leg or from top to the bottom of body. According to the Tibetan Medical System, the physical therapy is divided into three major categories such as: Smooth or relaxation, Rough or more physical intervention, and Strong or minor surgical intervention. Relaxation therapy includes fomentation, medicinal bath, therapeutic massage, sauna and steam bath to induce sweating and, to enjoy the forceful cold water shower while Physical intervention includes blood letting, moxibustion and needle or wooden Tsugs. The third surgical intervention is out of this scope and hence not mentioned here.

All these physical therapies and wellness therapies are included in the Sowa Rigpa chapter's three hundred and sixty practical package of healing method aimed at easing the suffering and relief from the pain thus giving instant wellbeing. Such a sophisticated discipline of physical therapies capable of giving and experiencing instant relief and wellbeing in both mental and physical plane is a gift of our ancient masters. Hence, we should be able to comprehend these exhaustive knowledges and implement them accordingly to the fullest measure. In addition, effort should be made to integrate and enrich our practices by learning various other modern wellness techniques, physical therapies practiced by other traditional medical system such as Ayurveda and Chinese type and in tune with the modern day innovative approach in each and every field of these myriads of practices.

I was asked by the organizing committee member of this Conference to give one workshop presentation on "Tsugs" one of the heating therapies used commonly to reduce pain etc to which I politely refused as I was not employing this Therapy as part of my regular practices. Instead, I suggested that I would like to give a presentation on overall aspects of our Physical Therapy and in the process may try to give one or two practical show on some of the important Therapies that I deemed fit. Though I do not enjoy any specialization on any of the Therapies for that matter, my main intention was to draw the kind attention of our younger generations and that of some higher interested groups if I may say so, towards the most discouraging way with which we implement and practice our ancient old traditions. It is no wonder that the knowledge of our physical therapies and other wellbeing therapies are extraordinary by any standards and in terms of its richness: resourcefulness in theory and practicals, in its varied functions in accordance with the individual body constitution and disease factor. Yet, what we commonly see today is very discouraging; inadequate in its format and application, randomly practiced with no proper sequences, pathetic in terms of hygiene, sanitation and sterilization issues. So it is high time that we set some standards and regulate the whole thing so that we follow the set principles, preliminaries, main therapeutical applications and rehabilitation where ever possible. It is in this regard that I would like to make this presentation as part of the discussion as well.

PW-2

Sowa Rigpa: Practice of Yugkcho

SPEAKER

Dr. Nida Chenagtsang

www.sorig.net

Yukchö is a rare and unique external therapy from the Sowa Rigpa tradition. It was not mentioned in the Gyu Zhi, and had originated and passed down by masters of the Secret Mantrayana. The practice was originally revealed as a terma by the great 13th century master and alchemist Drubchen Orgyen Rinchen Pel. He taught the practice to his disciple, the Third Karmapa Rangjung Dorje, as a remedy to treat psychological and wind disturbances (srog rlung) for Dharma practitioners engaged in intensive solitary retreat. A yukchö practice was also revealed as a terma by Ratna Lingpa in the 15th century. Later, the 19th century doctor De'umar Tenzin Puntsok received the transmission for yukchō practice and published the instructions, thus spreading the teachings publicly for the first time.

The practice of yukchö uses rattan (sba shing) sticks with different shapes and tips. These are used to make a rhythmic tapping on various points on the body. This tapping practice creates a rhythmic pulsation that then effects the points, channels, and bodily tissues to treat various conditions as understood by Sowa Rigpa.

PW-3 Sowa Rigpa: Practice of Kunye

SPEAKER Dr. Tsultrim Kalsang

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TIBETAN KU-NYE (MEDICINAL MASSAGE):

According to the Four Medical Tantras, the Tibetan massage is called Ku-Nye; Ku means application and Nye means massage, exercise or interaction. Hence, one could translate it as "application of massage", but this literal translation would poorly describe the true meaning of the Ku-Nye massage that connects the energy not only of the body but also of the mind, the senses and the heart.

Oil massage is effective against rough skin (body) caused by rLung (loong)-disorders, deficiency of blood due to loss of blood, and regenerative fluids, general weakness, depression, emaciation, insomnia and lethargy. It is particularly helpful against various rLung-disorders and for the elderly. Healthy people can also use oil massage for relaxation and rejuvenation of the body and mind. Paste massage is effective against acne, vitiligo, leucoderma, itching, psoriasis, inflammation etc.

Prerequisites Procedures of Ku-Nye:

- Applicable disorders
- · Inapplicable disorders
- · Preconditions
- · Types of oils
- · Equipment required

- · Ku-Nye points and locations.
- · Sitting postures
- · Methods & Procedures
- Benefits
- Precautions

PW-4

Sowa Rigpa: Practice Of Kyug

SPEAKER

Dr. Tenzing Jinpa smenpa@gmail.com

Disadvantage of suppressing the urge to vomit

Suppression of the urge to vomit causes loss of appetite, breathing difficulty, generalized edema, maevel¹, yenpa², cancer, leprosy,eye disorder, sputum discharge and contagious diseases. In order to overcome the problems, fasting, inhaling herbal smoke, gargling with herbal decoction is recommended.

As per the text:

The natural urge to vomit up or pass down stool should not be suppressed with medication.

Causative factors of vomiting:

Intake of coarse potent medicines, overdose, unsuppressed loong disorder, disorders that causes vomiting, annoyance and aversion to medicine, excessive talking, excessive physical movement and evil spirit.

General Evacuative Medication:

Evacuative medicine aggravates the disorder and evacuates it out. Evacuate out the disorders of stomach (the undigested site) through emesis. Evacuate out the disorders of large intestine (the digested site) through enema. Evacuate out the disorders of the whole body through purgation and disorder of the channels through Channel Cleansing therapy

General treatment in accordance to the accumulation and manifestation stage of the disorder:

Medicine antidote entails two kinds; pacifying and evacuative medication. At accumulation stage treat the disease through pacifying medication and at manifestation stage treat through evacuative medication.

Difference between mild and strong evacuative medications:

If evacuative treatment is needed, administer mild medication. If excessive strong evacuative treatment is rendered then it can deplete the bodily constituents, lead to weight loss, vertigo, sleeplessness, loss of body glow, degeneration of voice and sense organs, thirstiness, loss of appetite, calf and thigh pain, pain in the coccyx, ribs, heart and brain, contagious diseases, urge to vomit and loong disorder.

Benefits of evacuative treatment:

Pacifying and evacuative medication helps manage weight, clears sense organs, generates a feeling of lightness, promotes appetite and desire to engage in activities, stimulates thirst and hunger on time and leads to normal excretion of urine and stool.

¹Maevel (me bdal): is an infectious skin disease featuring intense burning sensation.

²Yenpa[gyan pa]: is a skin condition accompanied with intense itching and oozing of chhuser.

PW-5

Sowa Rigpa: Practice Of Dhug

SPEAKER

Dr. Tsultrim Kalsang drkalsang70@gmail.com

Compress (*Dhug*) is one of method and procedure involves of medicinal ingredients compress or enforce on the particularly site of the body and specific pain, where the medicinal ingredients gives relieves or alleviates the pains. *Dhugsis* also a procedure involving the compression of medicinal ingredients to particular regions of the body. A compress comes in two forms *Doe-dhugs* (warm compress) and *Sil-dhugs* (cool compress).

Prerequisite for Compress (Dhugs)

- · Applicable diseases
- · Inapplicable diseases
- · Procedure and methods
- Actual perform of (Dhug)
- · Benefits of (Dhug)
- · Precautions

PS-4

Prospects and Problems of Compliance to Good Manufacturing Practices in Indian Systems of Medicine.

SPEAKER

Dr D.C. Katoch

Good Manufacturing Practices (GMP) are a set of guidelines to ensure adequate quality control of premises, raw materials, machines & equipment, manpower, manufacturing processes and finished productsso that the prescribed standards are maintained and the outcome products have the optimal quality. These guidelines are provided under Schedule 'T' of the Drugs and Cosmetics Rules, 1945 for Ayurvedic, Siddha and Unani (ASU) medicines. Exclusive guidelines for manufacturing of Rasaushdhies (Herbo-mineral formulations) are also given in Schedule 'T'. The manufacturing license is issued or renewed to the ASU drug manufacturer on satisfaction of the regulator that the intended manufacturing premises and processes are compliant of the prescribed norms. To achieve this objective, licensed manufacturers are required to evolve methodologies and procedures to follow the prescribed process of manufacturing of drugs and document them as a manualto be kept for reference and inspection. Sowa Rigpa drugs will also be regulated in the same manner once the provisions are included in the Drugs & Cosmetics Act and Rules thereunder.

Presently, country has 8259 licensed manufacturing units of Ayurvedic, Siddha and Unani drugs. More than 95% of these units are micro, small and medium scale enterprises, who have to face problems in adopting sophisticated manufacturing technologies and quality control parameters of international standards. Government has implemented a number of initiatives and schemes to encourage standardization and effective quality control of ASU drugs as well as quality certification of products for promoting international trade.



SPEAKERS INDEX



Dr. D.C. Katoch



Prof. Lobsang Tenzin Rakdho



Prof. Shiv Ji Gupta



Prof. Rais-Ur Rahman



Dr. Padma Gurmet



Dr. Dorjee Rapten Neshar



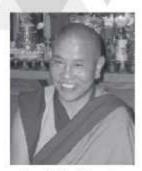
Prof. Sanjeev Rastogi



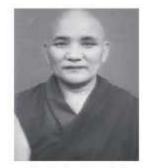
Dr. Edward Yap



Mr. Sherab Tenzin



Ven. Jadho Rinpoche



Dr. Dorjee Damdul



Dr. Ganzorig



Dr. Tsultrim Kalsang



Oyuuna Rinchinova



Dolpo Tulku Sherab Zangpo



Dr. Passang Topchen



Herbert Schwabl



Dr. Tenzing Jinpa



Stephan Kloos



Dr. Lobsang Tsultrim



Prof. Anand Kumar Chaudhary



Tenzin Choedon



Dr. Akhilesh Kumar Singh



Dr. Nida Chenagtsang



Jampa Chophel



Dr. Nyima Tsering



Dr. Passang Dolma

- . Dr. Lobsang Tenzin Rakdho, Dean, Faculty of TM and TA, CIHTS, Varanasi, India
- Dr. D C Katoch Advisor (Ayurveda), Ministry of AYUSH, New Delhi
- · Dr. Rais-Ur Rahman, Advisor (Unani), Ministry of AYUSH, New Delhi
- Dr. Edward Yap, Registered TCM Physician, Singapore
- Ven. Geshe Lharampa Jadho Rinpoche, Former Khenpo, Namgyal Monastery, Dharamsala, India
- Ven. Dolpo Tulku Rinpoche, Founder, Dolpo Tulku Charitable Foundation.
- Dr. Padma Gurmet, Research Officer, National Research Institute for Sowa-Rigpa, Ladakh, India
- Dr. Dorjee Rapten, CMO, Men-Tsee-Khang, Bangalore
- Sherab Tenzin, Head, Menjong Sorig Pharmaceuticals, Thimbu, Bhutan
- Dr. Sanjeev Rastogi, Professor, State Ayurvedic College and Hospital, Lucknow, India
- Dr. Shiv Ji Gupta, Dept. of Shalya Tantra, Faculty of Ayurveda, BHU, Varanasi
- · Rinchinova Oyuuna, Institute for Mongolian, Buddhist and Tibetan Studies, Buryat
- Dr. Anand K Chaudhary, Professor, Faculty of Ayurveda, BHU, Varanasi
- Dr. Dorjee Damdul, Associate Professor, Head of Sowa Rigpa Dept. CIHTS, Varanasi, India
- Dr. Akhilesh Kumar Singh, Asst. Prof. Sanchi University of Buddhist-Indic Studies, Raisen, Madhya Pradesh, India.
- Dr. Lobsang Tsultrim, Founder Director of the Practice for Traditional Tibetan Medicine, Ede, The Netherlands
- Dr. Tsultrim Kalsang, Deputy Head, Materia Medica Dept. Men-Tsee-Khang, Dharamsala, India
- Herbert Schwabl, Chairman of the board of PADMA Inc., Switzerland.
- Dr. Tenzing Jinpa, Lecturer, Sowa Rigpa International Sowa, Kathmandu, Nepal
- Dr. Nida Chenagtsang, Co-founder and Medical Director of Sorig Khang International
- Dr. Passang Thopchen, Founder Director TMC Clinic, Pune, India.
- · Stephan Kloos, Senior Researcher, Institute for Social Anthropology, Austrian Academy of Sciences, Veina, Austria
- · Tenzin Choedon, Research Associate, ICGEB, New Delhi, India
- Dr. Passang Dolma, Assistant Professor, Namgyal Institute of Tibetolgy, Gangtok, Sikkim, India
- Dr. Ganzorig, Secretary, Professional Council of Traditional Medicine, Ministry of Health, Government of Mongolia
- Dr. Lodoe Phuntsok, Medical Officer, Dept. of Health, Mainpat, India
- Dr. Nyima Tsering, Principal, Sowa Rigpa International College, Kathmandu, Nepal
- Jampa Choephel, Asst. Prof. CIHTS, Sarnath, Varanasi, India
- · Dr. Thinles Yangjor, Asst. Prof. CIBS-Leh Ladhakh

Detail Bio-Data of all the speakers are available at www.tibmedcouncil.org/ictm/

PAPER PRESENTERS AND THEIR BIO DATA



GALINA KOPELIOVICH

Medical anthropologist, chief expert of the Scientific and Practical Centre of traditional medical systems I.M. Sechenov First Moscow State Medical University. PhD student in Institute of Ethnology and Anthropology Russian Academy of Science (centre of medical anthropology).MA of public health.

Area of interest: integration of different medical systems, medical pluralism, health behavior, ethnopharmacology, transhumanism, contemplative researches, traditional medical systems.



D.UVANCHAA (SHERCHIN-EMCHI)

D.Uvanchaa (Sherchin-emchi) was born in the place of Demir-Sug in the Ulug-Khem district of the Tuvan ASSR in the farmer family, in 1974.He entered secondary school in 1981. After graduating of high school in 1991, he studied at the St. Petersburg Buddhist Temple "Gunzechoyney" until 1995 and then in 1995-1998 he studied in the Buddhist Monastic University "Drepung Gomang". From 2002-2008, studied Tibetan Medicine in Dharamsala according to the traditional ancient method of studying Tibetan medicine, directly from the teacher to the pupil of private doctors, such as Dr. Lopsang Chopel, Dr. Yeshe Donden, and Dr. Pema Dorje. And in 2006-2008. - practiced in the Clinic of Doctor Yeshe Donden in Dharamsala. Since 2008 he has been working and practicing in the capital of the Republic of Tuva in the city of Kyzyl, Russia. In 2011, he participated in the International Conference on Traditional Mongolian Medicine on behalf of the 1st Moscow Medical University and Tuva State University. During his work in Russia with the State Institution "Infectious Hospital" in Kyzyl under the patronage of the Poliomyelitis Institute and Viral Encephalitis what was named after M.P. Chumakova he successfully conducted a clinical study on hepatitis B with delta-agent in 2012. In 2016, the research work won the 1st place in the Republican competition among medical workers on non-traditional methods of treatment.



NASHALLA GWYN NYINDA

Dr. Nashalla Gwyn Nyinda Menpa began the study of Tibetan Medicine in 1999 and started treating with permission in 2004. She was encouraged by her root teacher, Very Venerable Thrangu Rinpoche to complete her medical studies and he directed her to study at the Chagpori Institute Clinic where she studied for two years. Nashalla received her Menpa degree from Qinghai Tibetan Medical College, Tibet and The Shang Shung Institute of Tibetan Medicine in 2009. She has an Interdisciplinary Studies BA, from Naropa University with a focus on Asian Medicines and Buddhist Psychology. Nashalla teaches worldwide to Tibetan and western students, practitioners, and doctors, and is an Adjunct Professor at Naropa University teaching anatomy. Nashalla and husband, Dr. Tsundu S. Nyinda, operate the Tibetan Medicine & Holistic Healing Clinic in Boulder, Colorado USA.



YULIA YUSIPOVA

Yulia Yusipova is a doctor of personalized medicine, the doctor of classical Western medicine (MD), the practicing doctor of Tibetan medicine. Specialist in Functional medicine and Nutrigenomics (USA). Rector of the International Institute of Traditional Medicine (Russia).



MD. ASRARUL HAQUE

MD Asrarul Hazue is a research scholar at University Department of Ancient Indian History, Culture & Archaeology, T.M. Bhagalpur University Bhagalpur, Bihar. He is a Life Time FTM Member of Central Council of Tibetan Medicine and also a recipient of Gold Medal for securing 1st Position in 1st class in M.A., (AIHC & Archaeology), from Tilka Manjhi Bhagalpur University, Bhagalpur. Presently, he is engaged in a number of research works related to the different aspects of science and technology in ancient India. His interested is in the Tibetan form of Buddhism, its ethnic culture, its healing tradition, and above all, the colorful personality of His Holiness the XIV Dalai Lama- all these illustrations have always illuminated him ever since from his school days.



DR. JIGME MIGYURE BSMS/MD

Dr. Jigme Migyure posess a degree of Bachelor in Sowa-Rigpa Medical and Science (BSMS) Degree from Sowa-Rigpa Department, CUTS, Sarnath, Varanasi, UP. In 2013, he did his MD, Doctor of Medicine in Sowa-Rigpa Pathology and submitted a thesis on "Comparative study in Urine Analysis" Currently, he is working as an Assistant Professor in Sowa-Rigpa Department at Central Institute of Buddhist studies, (Deemed University) Choglamsar, Leh-Ladakh, India.



DR. SONAM PALMO

Dr. Sonam Palmo is a graduate student from Central Institute of Higher Tibetan Studies, Sarnath, Varanasi. She did her bachelor degree on - Bachelor of Sowa Rigpa Medicine and Surgery from CIHTS in 2010. After her graduation, she did a professional course on Panchakarma training at Manipal University and Intensive Panchakarma training in New Delhi. Currently, she holds designation of Head of Dept. (Tibetan Medicine) and also a medical officer at Shechen Clinic and Hospice at Boudha, Kathmandu, Nepal. She also visits at Sowa Rigpa International College, Kathmandu, Nepal as a visiting Lecture.



DR. CECILE VENNOS, PH.D

Dr. Cecile Vennos was born in Zurich (Switzerland). She completed her studies of veterinary medicine and her doctorate at the University of Zurich and has conducted scientific work in the fields of molecular genetics, laboratory medicine and complementary medicine. She is author and co-author of experimental and clinical interdisciplinary studies on complex herbal formulas from Tibetan Medicine.

Dr. Vennos is head of the Regulatory and Medical Scientific Affairs department of PADMA Inc. PADMA Inc. produces Tibetan herbal formulas in Wetzikon near Zurich, Switzerland, according to GMP standards since 1969.



GESHE YUNDRUNG TASHI

Geshe Yungdrun Tashi was born in Tibet and trained his medical education from Ven. Sonam Gonpo, Ven. Sherab Chokden Rinpoche. After his graduation in 1994, he did further studies on Sowa Rigpa Pharmaceutics. In 1997, he escaped to India and took language course for three years and later joined Menri Monastery in 2004 where he studied the fundamentals of Bon Traditions of knowledge. He worked as an editor of several journals published in and outside Tibet. In 2013, he received a Geshe Ka-Rabjampa Degree and under of patronage of Kyabje Menri Trizin, Sorig Bum-bZhi College was established and he then works as a Lecturer cum medical doctor at the college since 2014.



SVETLANA CHOJINIMAYEVA

The founder and chief physician of the first in Russia clinic of Tibetan medicine "Naran", Ph.D.,
"Honored Doctor of the Republic of Buryatia", a member of the Russian Union of Writers - author of
more than 30 books and practical guides on the theory and practice of Tibetan medicine, public
assistant of the State Duma deputy. Svetlana Chojinimaeva is a prominent state and public figure, a
bright representative of the medical science of Russia, Buryat culture and the Buddhist traditional
Sangha of Russia.



WANGYAL DORJEE THAKURI Internship Student, CIHTS, Sarnath, Varanasi



KUNKHEN Medical Student, CIHTS, Sarnath, Varanasi

PANELS, MEETINGS AND INTERVIEW

A. Panels I - Sunday, 25th Feb. 2018, 5.00 - 6.00 pm

As a part of ICTM, the Council of Tibetan Medicine (CCTM) is organizing a panel session with some experts to speak on the Legal Recognition of Sowa Rigpa in India. The panel experts include Ven. Prof. Geshe Ngawang Samten (Chairman of Facts finding committee, committee formed by Govt. of India), Dr. Padma Gurmet (Secretary of Facts finding committee) and currently a member, Sowa Rigpa at Central Council of Indian Medicine, New Delhi and Prof. Lobsang Tenzin Rakdho(Chairman, Central Council of Tibetan Medicine). The panel video will be uploaded in the official website of CCTM.

Panels-II-28th Feb. 2018, 5.30-6.30 pm

A group of experts will share their experience working as a practitioner in their countries and further discuss on the development of Sowa Rigpa. Also share their experience on this ongoing International Conference.

B-Meetings

I-Special Meetings: 27th Feb, 2018, 2.45 - 4.15 pm

CCTM invites selected experts to take part in this special meeting on "Sowa Rigpa, Current Happenings". Detail minutes of meeting will be shared later in the official website.

II - Meetings with FTM Members: 26th Feb, 2018, 5-6 pm

Members of CCTM Friends of Tibetan Medicine can share their experience on their journey with Sowa Rigpa, their ideas on how to further develop their relationship with the council and promote Tibetan Medicine for the benefit of all human kind. All the FTM members (total 76) are welcome to this meeting.

C-Interview - 26-28th Feb. 2018, (any time available for the student interviewer and the expert interviewee)

Students of the participating medical colleges will take interview from the five selected invited speakers on their professional carrier, the scopes and future challenges. The full interview will be published in the CCTM official website and newsletter.



THANK YOU NOTE

- · Dept. of Health, Central Tibetan Administration
- Ven. Prof. Geshe Ngawang Samten, Vice Chancellor, CIHTS
- Dr. Lobsang Tenzin Rakdho, Chairman, CCTM
- · Dr. Teinlay Palsang Trogawa, Director, CTMI
- · Dr. Yeshi Dhondhen, (Padma Shree Awardee), Dharamsala
- · All the invited speakers (listed in the speakers index)
- · All the invited guests and delegates
- · All the paper presenters (listed in the pp index)
- · Editorial Boards
- · Organizing Members and Staff
- · CCTM executive members and Staff
- · Related staff of CIHTS,
- · CITHS Sowa Rigpa Departmental Staff and Student
- · Expert of the panel and meetings
- · Members of FTM
- · Interviewers and Student
- · All the participants
- All others who are involved in this ICTM

की। श्रेय. दुश. यक्षेय. में श. श्रे्य. तत्रा. यथिवाश. श्राी

मिष्ठेत्र, सद्य, महामान्य विवादा तहा है स्ट्रा । क्षित्रे में है है है विवादे महत्य है माने माने स्वाद का |ष्रश्च-ब्रूनशन्त्रवन्-ब्रुवा-वाश्वर-वर्ष-वर्षा-ब्रेन्ड्री |देवाश-वाशुश-क्विय-वश-देर-वर्देर-क्षेश-वर-अह्दी नियाः भूष्यायोश्याची सामावित्रायभी निया भूष्या । भूष्या द्वेशायन् सामाविता सामावित्रा स्वास्त्री । क्रिंगः श्रृंदिः इत्राच क्रिंद्रा तर्य कार्य देवा निर्धा तर्ते देवा त्या श्रासक्या हित्यी र नर्स्त्या [श्रुवाश अश्रुव, हिंसश वाद्र र वश्चिय वाशुस क्या द्वा हिरा | श्रिवर वार वार्ट्र हेर विदेश से वाहे वारा [क्व.क्रेस.क्रूब.चश्रव्य.स्यूच.स्यूच,चर्ची.च.ला [क्षेत्र.श्रक्ष्य.गीत.ये.योलज.च.श्रद.सर.सूची [बर्-अवाश्चर-र्-अन्दर्न-विन्-विदे-विदेश्चर्या किवानायने यो नेवाराश्चर्यात्रकः स्थराश्चर्या हि.केर.चक्षेत्र.चतु.चिबर.लेचेश.श.लेश.ची विधिल.चेल.हु.चबुत्र.चर्,धैचीश.सर.सूची | नर्सर माने प्रह्म न्यूर सून प्रह्म पर करा ही । श्री क्र नहर हिंदा सह न प्रह्म का माना न [बन-नश्रव-रेश-भ्रेन-ध्री-न्दा-ध्रन-पर-तु । श्रव-ञ्च-र्-र्भेद-क्व-पनदे-रेद-सुन्।श्रव-न । श्वाप्तरे यहेर महिर महिमायमा है अर्थना यह या। हिंग यर, या, युव, मुन्तर हिमा है या है या स

७०। मिल.श्रुप्त.प्र.प्र.पार्श्व.य.स्या.यद्ग.यम्.प्रीट.क्र्यात्रा.क्ष्य.क्षर.याश्वराया।



क्र्याशासी स्थ्य-सारमान्यान। क्र्याशासी स्थ्य-सार्क्ष-स्थित्यक्ष्यशासीहित। स्थ्याशासीहित स्थ्य-सार्क्ष-स्थित-सर्क्ष-सार्क्ष-स्थ्यान्यान्या क्रियाशासीहित स्थ्य-सार्क्ष-स्थित-सर्क्ष-सार्क्ष-स्थ्यान्यान्या क्रियाशासीहित स्थ्य-सार्क्ष-स्थित-सर्वे स्थ्य-सारम्



श्रिका विस्ति प्रमेश वामा विस्था

DEPARTMENT OF HEALTH

२०३१ होडा ३ छुन, ३० ची. २०३१ होडा ३ छुन, ३० ची. १०३१ होडा ३ छुन, ३० ची. १९३१ होन, १९५१ होन, उन्हें ची. प्रत्ने प्र



聚山如.994.天.長人

हूँ या मिनेद रवा शे के हुत असर हिर दे हि नेया ही सावार्य रहिर वहूद या साव हुर साव के सावार्टर सव के वीद मार्च प्रवाद के हिर दे राजा है से प्रवाद के हिर है से साव के साव क दर्देवाश्रश्च क्रेंबाश्रावाध्य द्वर्ता हेर्द्व श्वरायवे श्वरावे श्वरावे व्यवस्था विश्वराव द्वराव विश्वराव विष्वराव विश्वराव विश्वराव विश्वराव विश्वराव विश्वराव विश्वराव विषय विश्वराव विश्वराव विश्वराव विश्वराव विश्वराव विषय विश्वराव विश् दशनहैशनदेशुवन्तरे अन्तर्भुसन्त विद्यापमान सेन्त्र देवसान्तरा निवस निवस प्राप्त कार्यक विद्यापिक र्टा बिर शिवर श्रवेश हुट हु हैं। यू यूर अर्ज वा कुब वृतु सैवश शु रवट विष्ठु थे कुं शुर अर अर्मिश कि अपूर रें। विषय तह अर्टू र विश्व विश्व विश्व विश्व है। शिवश याश्विमारा क्रिक् संदे स्मान महिन स्वाहिक स्वाहिक स्वाहिक स्वाहिक है के स्वाहिक विद्यानिक महिना यू चैर प्रथा _स यूर श सेंचश त्रयूष कुर मू हूर प्रयूर मियर रे तीक पूजा सेंचश पड्ड र रेजनश रे ३६६० कूर त्यवाश तीक विर हूर्यश परियास सेंट रंग श तेर. वर चतु क मुद्र तूर्व चूर की बाकू सद्या तथा रट चैंट विशव की बेट दुवाय में कूर्वाय जा लीच इंट विश्व में दुवा चतु विश्व की बोहा लावा जुर डेट टे श्रीय में जूर रहा हिसाल हुन न मेर के बिसास प्रमाल का बीतिया र सराव जून सुव ही सूर्य साल बनस तर्य या हिनस क्रय न ही न साल है। " इर वडश हिन् बिवे पहिन किन " ही हूर " वूर असिवश सबूध किन वह रवर क्र बास अट अहिद हर बाहुबाय में हिन कू मा कूप मुद्दे हो नह ही नह अहि है है । वह बाह का मा कुर कू का कूप मुद्दे हो नह कि अहि है । चावनः सम्मन् सर्वः ह्याकः हेते समानः हेत् ही होनः सक्षेतः देवा सत्याकः क्षमः हम्सक्षान्य स्वरं हित्रे होता यहवाकः ही स्वरं महित्रे सामान्य स्वरं हित्रे स्वरं महित्रे स्वरं होत्यः स्वरं स्वरं हित्रे स्वरं होत्यः स्वरं बिर जूर शुःसर ही त बिरा जीय कुरा मिथि के जाने के जाने के जाने के जिल्ला की जीता के जीता की जीता जी जीता जी जीता जी जीता जी जीता जी जी जीता जी जी जी जी जी जी जी जी जी स्.इ.स. १९४ वर्षे वर्षे श्रीय मोर्डेस विद्या स्टा सी वर्षे वर्षे की मोर्डवा लगा किया मार्डा कर अरुआ बड़ोबा दी आवार मार्डा हीया राष्ट्र मी सी कार्य की मार्डा क्षेत्र बेद अपाशुअन्य यदि वी क्षेत्र विद्यार्थित ही पार्के यदिया या यदि हिन यह अद्वीर तह प्रसार के क्षेत्र यहीं पार्वे पुरा परित्र पार्के यदि या परित्र ही पार्के अपहर्ष मुलालूट मि.टट. विचातन मूला मिया से प्रतियात पट्ट केट होट रिका की केनना विचायन का नामिट हो विचाय हो यो होना में प्रतिया नामिट मिया नामिट किया नामिट से मिया नामिट किया र वर्ष कि हैं हैं हैं के बार कर हर राज श्री राज दर्द नर्ज़ेंट हैं वार लिया राजिया कि कि वर्ष राजिया है है वार के स्वाप र क्ष्मभावेचारा हे.चवेदावर.क्रूमानर मेम.क्रुमान्द्रामधानयर यावदायर मेर्लावानर ह्यावविर याद्यामधे वावर वर्षायानर व विवायक्याय्याचिर केर्नामायाः श्रेष्य वात्रान्त्र वियानावर स्त्री

र्वाय.चब्रेषु.विबट.चर्चरी

य्या नुषान्तरे ज्यावा हे देट या वया अक्रवा अर्ट पर्टर क्वर वहें र क्विय हिंदे स्ट्रिय ग्री वार्ष च देव र व्ही होट क्रवाय हेव होटया विषेत्राता-र्ट्याक्षी.क्ष्वीया-विरातमारचावा-क्ष्या-क्ष्या-तुर्या-विरात्ता विरात्त्र क्ष्या-व्याव्या-क्ष्याया-विष्या-क्ष्याया-विषया थु.लूटक.ग्री.क्च.खेब.धु.टवेच.चवे.खे.कै.लुबी भैन.श्रुंचु.क्चवेब.कुब.चटु.कै.सं.बु.टु.ज्ञ.चूट.ग्री.चक्ब.द्व.ट्व.टेब.धे.टेब.य्चवाचीट. राषु विद्यक्त मिना हि हून इंस इंस मिन प्रकार ही भी रिकास मिना में निया में स्वाप मिना मिना मिना प्रकार ही साम मिना प्रकार है। श्चेत्र रा.श्रावक.र्रायर.शर.रा.वर्ष्य.विवाशह्र.र्.रायाश.लाब.शु.पर्चित.र्डिय.व्रीवा.राषु.वर्ष्या.कवा.वर.र्रे.वर्श्चर.क्रूवावा.वर्षर. ५०१५लूर.मे.व्रर.चेट.सूर्वाथ.स्.रश.बॅ.लॅर.पसूर.कूर्वाथ.ग्रीथ.मेल.विय.पर्ट.शुर्थ.४१२११थ.श्रव.स्.सूर.त.र्टट.कुर.लब.श्रवथ.रीटट. थट. र्. अधेश. जैयाथा. ग्रीथा. मैज. ज्रीपु. प्रट. टापुत्र. इत्य. टापु. क्र्याया. क्रय. त्यापर टाजूट. क्र्याया. हीटा. लूटी. वार्य. टा. प्रतारा. यु. ट्रिट. ग्री. बिय. ब्राट. शामित राष्ट्र प्रचा विविद्य क्षेत्र सार्य मार्थित राष्ट्र प्रचा विविद्य क्षेत्र स्थित होता होता क्षेत्र स्था विवार क्षेत्र त्. तर्ज्ञ, टाबुब, खेशब, घव, बट, त. शट, त्. टीब, शुब, तक्ष, टायु, वहिवाब, त. जब, श्लेटब, तपु, टिसट, वाबुब, टी. क्रीय, लूटी शब, जवाब, वह, क्रेय.पह्न्य.स्ट.स्ट.क्रेय.वोयस.क्रे.यु.वोयू.स.स्व.सप्ट.स्व.वोर्बस.पक्षे.वोयय.प्रथा.वायु.सप्ट.पवोय.क्रय.सू.ख्वो.तुय.क्रेय.क्रय.सू. जय अर.लाट.वाबू.टा.द्रवाराष्ट्र.क्षेत्र.क्ष्रवाब.ट्येब.क्षेवाब.ह्य.द्र.ट्य.हेत्र.हूट.श्रेत्र.ब्रुट.वाबुर.वट.टट.। स.घटटिब.हूट.वी.वार्द्व. जवा.श्रृटा.वांचेन्न.वटःवित्र.श्रूटःवंशःभिनःश्रृषुःश्रूवांशःकृतःव्यन्त्रावाविशःराःवर्त्न.वर्ष्य्यःवविदःभिवःभ्यःशर्वेत्रःश्रिटःवःर्यटःविः ज्.५०७ र मु.स.६.८ तथा. त्र्रा ज्या श्रृता वा श्रृत वा ने रायटा यही की एता श्रीतय अर्थ र क्रें र त्रु श्रियय र प्रिया विवास र प्रिया विवास पहींचायाचार व्यास्त्री जूर कि प्रमूर पर्य देश देश देश वित्तार रूच क्षिण शिर प्राप्त देश हुँ से दि तर प्रहोवा स्थान व्यास स्थान क्रेत्र ति, या गोत्रया तिहेत्र तिर्भूतः क्रियाया गोत्रता हिया धारा हिया या क्रियाया त्रिया या क्रियाया निर्मा क षक्र्यालः विवादाः हुः त्यापः हुवः कुः खुद्राः खुद्राः दृद्रः क्रवाद्राः कुवाः भ्राः हुवः कुं वार्त्युवाः ववाः श्रूष्यः ववित्रावितः ववित्राः स्वतः ववित्राः वित्राः स्वतः ववित्राः वित्राः वित्राः स्वतः वित्राः वित्रा शर.इ.तथितु.र्थ.कूंत्र.ज.पक्षश्च.पट्ट.त्या.चृथ.यट्र.जुवाश.खीर.जय.क्रुवाश.कुत्र.पट्टु.कूव.वाक्र.ट.र्रवात.वाङ्का.मि.र्यार.यवा. सूर्याया.ग्री.शिष्यातिवायात्रायात्रात्रात्रात्रात्रात्रात्राचेषाः सूर्याः शिष्यात्रायः प्रतायाः प्रतायाः प्रताय र्टर.सब.क्षेत्र.तर्ग्र.मुट.त्.क्षेत्र.खंब.लूट.राषा.पट्.बु.जून.क्षेत्र.पट.शब.वी.शब.रा.तर्ग्रमाताक्ष्य.ट्वर.पट्या.पट्टेश.टट.शब. जविषाक्ष, श्रुपु, विट. क्रूब, ट्रेट. वेशव, बुटा बीटा ट्रेब, ट्रेट. । विवेट. ट्रेट. जवी. जुब. ट्रेशर. पविट. मुी. वेशव, श्रूट. होना, प्रवाहीट. वापु, होटवा. æ.विट.तर.२२४.खुबे.वीट.तुर्य.तथ.कूबंब.त२४.ट.लूटब.ज.वू.श्रेतब.उट्,.धु.टूर्य.टट.र्जर खुट.वित.र्विर.टॅ.३.टापु.उटीब.टी.कूट. रादः रे ब्रॅंब खि. ब्रु धिवा

क्रुवियःवाङ्गी सूर्यःग्रीःवाङ्गःयः सुवाःतपुः क्षेत्रः क्रुवोया। क्रुविः पर्तृषेः प्रवाः मूर्ःक्षैः चडनः चर्नेषेः परमूषे।

क्र्याया.क्रथ.ची.टार्ड्स्ट.याषु.ट्ट.याषीट.टार्चट.याथट.थायथ.थायथ.रायया

बिव.ब्रूट.क्र्याय.बिवा टेट.त्र्

वाबू.च.द्रव.नपु.जू.क्रिब.लब.पहूंब.नपु.श्रेच.वी.लेबाब.कुच.वाबीश.टू.शूटी

- क्र.ल..द्रव..वेट..ग्री.शब्द.जवाबा.... श्रूच.ट्रांब.च्र.च.च्.च.च्.वं.च्.वं.चे.च.ह.वीच..थे
- मैं.येवा.वा.जूज.क्वैय.क्षेय.क्षेय.लेवाया.... पूर्वा.प्रम.क्षेप्र.सैप्र.ली.वा
- यूर्-ग्री-वार्य-त-र्या-तपु-ग्रिय-लिवाया-...श्र्य-र्य्य-र्य-पू-श्र्य-प्रवाद प्रदेश

विव सूर क्रूबोबा बिवी बोधेबा ता

न्ह्र्यं विश्व क्र.म.स्वा.मेर्या.मेर्

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विव.शूर्ट.क्र्वाम्.विवी वर्गिनाती

विष्टाचन्द्र-विद्राचन्द्र त्वान्तराक्षेत्रः भूतः प्यान्त

विव.सूर.क्रूबोय.विवी टावु.टा

न्ह्र्ट.वाष्ट्री ति.वे.बुधु.श्रेब.जिवाबा श्रृत.पह्नटी जवा.जुबी वार्ट्रट.जुबी बेशब.खुट.ट्ट.श.व्टब. लट.श्रेब.वार्ट्रट.वार्थटी

विष्ट-नन्न-वाद-वावन क्रिंग-दर्व-रेश-खर-रे-५-अवा

विव.सूर.क्रूताय.धिवी इ.टा

न्ह्र्यं विष्यं प्रचयाय्यं प्रम्याच्या म्यून्यं मुक्ताय्यं प्रमुप्

विद्यान्त्री अव.रवयात्त्री अव.रवयात्त.हु.हु.रव.वहेवी

बिव.सूट.कूवोबा.बिवी चैता.तो

न्ह्र्यं बाज्या बाज्यान् द्रवात् कि.बार रिविशः श्रेष्य क्षेत्र अस्वाया ग्री विश्वया स्विता विश्वात् स्त्रीया विश्वया स्त्रीया स्त्रीय स्त्रीया स्त्रीय स्त्रीय स्त्रीया स्त्रीय स्त्री

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क.ट्यूब.क्र्वाब.धेवी टेट.ट्रा

८९८ मध्ये के.चर.जूज.कैंच.शेच.लेचया.ग्रे.होशया.श्रेच.स्.शूटी

मिल-न्यन् मिल-जाम्बा द्वा तर है के मूर् का

क.टाक्स.क्ष्याय.धेवी गानुवाटा

न्ह्र्यक्री पर्विवाःबरःवाष्ट्राःम्याःतपुःस्वाःवेशवःव्रथाःपुरा

विश्व-त्यंत्र-विश्व-व्यावन् वेयःरचः चह्नव तह्नव

क.टाव्रीय.क्रुवीय.बिन्नी विशेषा.टी

विष्टिन्द्रम् विद्रायाच्या क्र.स.च.द्रव.ह.स्.स

क.ट्यूब.क्रूबोब.धियी टार्च.टा

ट्र.बाट्ट.जुब.बुट.कुबाबा ट्र.बाट्ट.जुब.बुट.कुबाबा ट्र.बाट्ट.जुब.बुट.कुबाबा ट्र.बाट्ट.जुब.बुट.कुबाबा ट्र.बाट्ट.जुब.बुट.कुबाबा **पश्चिम् चन्निम् पन्निम् अपन्न**िस्यान्त्र हिन्तुः स्थान्त्र हिन्तुः स्थान्त्र हिन्तुः स्थान्त्र स्थान्त्र स्थान्त

क.टामूब.कूर्वाब.क्वी इ.टा

न्ह्र्यं मोद्री वार्ष्य नः द्रवा तार्षः श्चेत्रः ह्रवा त्वेतः ह्रवा वार्ट्रमः तोत्रः न्या तार्

विष्ट-नर्धर-विषट-शावथी यक्षेत्र-पहूत्र-क्ष्यः ह्ये

क.न्यूथ.क्रुवाय.क्षेत्री रीवी.नी

यर्ड्-द.वाष्ट्री यूट.ही.बट.टे.वाबू.च.इच.तपु.ब्रूच.क्विन.विन.प्रच.प्रच.तपु.जूट.वीबा

विष्ट-त्रन्द्र-विद्र-व्यक्त है से इ गाँव रा

क.टावूब.क्रुवाब.क्षेत्री टर्टेब.टा

यहूर्.वाष्ट्री वार्य्य.ट.प्ट्रवी.राष्ट्र, धिव.शुब.विट.क्ट्य.शैव.श्रीच.सिट.ट्रांट्रय.वाल.वाबटी

विद्यान्त्र विद्यालया यावव डिर.रेव राष्ट्रेय.टि.रेव राष्ट्रे

क.चर्चूब.कूर्वाब.बिबी चथ्चैर.च

८५८.वार्जी थट.राषु.विवेट.थय.एकु.ज.ट्य.राषु.थट.रार.के.भ्रिट.शि.क्ष्री

विश्व-त्यन्तिविद्यात्वि द्वार् हिंगः भी द्वारा हो

क.नम्ब.कूवाल.बिबी टेबी.ना

न्ह्र्रम्बे राज्या मुंदिर्म्य स्त्री माया मार्ग्

मिलट नियन मिल हो हैं में है के से हिन हो हो

क.त्रवूषि.क्रुवीय.क्षेत्री तर्छ.त्री

न्ह्र्यवी वाक्र.च.युवा.च.जव.पटी.च.च्रेट.टे.चच.चयु.बेट.चङ्गाञ्चेता

विद्यान्त्री श्रेव राजयार्ग हुन राजाना है है राजानहें वी

क.टाव्र्राय.क्रुवाय.धियी टार्थ.वाङ्गवा

बिन्द-नर्ध-विन्द-शावनी चर्डन-एह्र्य-क्र्या.सूची

क.टावूब.कूवाब.बिबी टार्थ.वायुखा

८६८-वार्त्वी वाक्र्.ट.ऱ्या.स.ट्रट.ट्य.श्रेष्रःश्वेर.ट्ट.शबिष.तपु.पत्रुज.क्या

विद्यान्त्री विराधना विद्यान्त्री विराधना

क.टावूच.क्रुवाच.धेच। टार्थ.वर्षिश

८६८ वालु ८५५ राष्ट्रीय था श्रीय वार्

बिह्-नर्ध-बर्ब-जावबी श्रेच-ट्या.स्.इ.इ.ट्या.पर्टेला

क.त्र्यूब.कूर्वाव.धेर्वा तर्छ.त्रुबी

वर्ह्र-वाषी श्रृंच-र्त्त्र-र्त्यः र्तायः त्या श्रुःवारः क्षः ती रेवा श्रेट् श्रेथः स्था

मिन्द्र-निर्मानिक्यानि ह्वा.प्रमाश्चरात्राचारात्राचारा

क.टावूंब.कूवंब.विवी टाड्र.स्.।

च्ह्रॅर्-वाबी ट्रंट्-श्रुप्तः ह्युं-स्वाया त्र्य्या त्रुपान्य न्यूं विष्या

विष्टि-तर्धर्वाचर्या हु.जवायाः भेव.तः मूं.ज्याः तेव.क्रवाया

क.टाबूब.कूवोब.बिबी टार्थ.बैवी

प्रिट.न्यं-प्रावर् शर्थः रथयः त.पड्डेच .जयः चालट.पड्ड्रेच

क.नमूब.क्रूबाब.बिबी नर्छ.नरीबी

न्ह्र्यंबु रिल.के.श्रेब.रे.वार्ट्र.क्ष्य.रेट.र्.ह्याया.ह्या.यथ.वार्ट्र.ज्या

विश्वट्यन्त्र्याव्या श्चित्रप्रवाद्या अप्ताद्य प्राप्ताद्य प्ताद्य प्राप्ताद्य प्राप्ताद्य प्राप्ताद्य प्राप्ताद्य प्राप्ताद्य

क.नग्र्या.क्र्याय.क्षेत्री नक्र्.नश्चेरी

८६८ वाली ज.टेबोबानीट. घट जिला बी. बोब्रान प्रवासित हा. श्रेव . ट्र. श्रेट . ट्रेट . ट्रेट . श्रेट . श्रेट

विष्ट-न्यन्-विष्ट-भावनी श्रेच-प्रश्चतात्तर्थः एश्चिम-श्रुटी

क्र.टाजूब.क्रुवाब.बिडी टार्थ.टेंगी

न्ह्री मुले प्र मी वर्षा नार्य स्था स्था है अव स् हैं।

विदः नचेर्-विदः वोवर् ॥ श्रेष . रशकारा क्षेत्रा व्रिशका श्रेषा त्राचा

क.त्र्यूब.क्रूवाब.धेवी थे.ची

वर्ह्न्यावी वार्श्राचार्रवाराद्धः ह्युराचा अवा वी वार्षा वार्या वि

विद्यान्त्रम् विद्यालक्ष्य श्रव र्या हे हे र्या वर्षा

क.त्रमूल.क्र्वाल.क्षेत्री क्रेर.क्र्वा

न्ह्र-वाबी वाबरः रूपुः त्र्-क्रि.क्रा.क्षेत्रः वाबूर-रूपा.त.वेतः व्यवाशाक्ष्यः क्षितः वादः हिन् विनः व्यवाशाक्ष्यः वादः ह्या

विश्व-त्यन्त्र-विवर-अविश्व श्वे -रथयाता श्वे तवट स्था विश्वया शक्ष. श्री

क.त्रव्यूक.क्रूवोक.बिची क्रेर.वोक्षेक्री

८५८.वार्षी २८.सिवोब.२८.सु.सेवोब.जय.अय.अटज.वोष्ट्रंब.अब्च.अहंब.जूब.टा.सू.बूट,२८८.घट्च.घटा

विष्ट.नचर.विषट.शावथी श्रेच.रशय.त.त.थटथ.ध्रुत.श

क.टाव्रांब.क्रुवाब.धियी धेर.वांबीका

न्ह्र्य.वाष्ट्री वास्.स्वा.प्टीश.चष्ट्रा.वास्त्र.वार्ट्य.बर्ट.चक्ट्र्य.क्ट्र्वा

विश्वट.न्यन्द्र-वावन् श्रेव.त.त.यट्य.कूर्यथ.कुर्य

क.नवूष.क्रवीय.धेवी छेर.नखी

न्ह्रियांची न्ट्रियांचा क्रिया देवा त्याया बट्ट क्रिया देवा त्यंत क्रिया चिता होता

प्रविट-क्येट-वायट-वाययी शिश्याता.कूथ.परप्रजा

क.टाजूब.क्रूबाब.धेबी धेर.हा

त्र्रित्वाची वार्षेत्रात्रीयः स्वार्ट्या स्वर् स्वरावर्ष्ट्र स्वरावर्ष्ट्र

विश्वर.नधर.वोबर.कोवरी श्रेष.रशय.त.क्ष्त्र.विशय.श्रेज.ठडटी

क.त्राया.क्र्याय.ध्या क्रेन.चैता

नर्ह्र-वार्था चनाः शिनाः चेटः वार्षः च-द्रवाः तपुः विश्वशः शर्षेषः वाष्ट्रवाः चरा

विदिट. क्येट विद्याविद अववि श्रिव . दा. वु. श. स्. स्टा

क.टात्र्या. क्रूबोबा खेचा खेटा टारीबी

न्ह्रियाबी वार्यान्य स्वान्त्रियास्य स्वान्त्रियास्य मुक्तान्य मुक्तान्य मुक्तान्य स्वान्त्रियास्य स्वान्य स्वान्य

बिट-नर्ध-बिय-अक्टी शैच-त.बिट्य-अहूर्ट-सुबेखी

क.टामूब.क्र्वाब.धेवी क्रेट.टाक्टी

य्ट्र्ट.वाष्ट्री विश. ह्या. श्रुंट. ह्या. यो. क्र. यो. जया. जुब. ८ट. ट्रे. श्रेंब. टा. इंश्वर. ज. ट्यूंब. यावटी

विष्ट-नन्-विष्ट-अवन् अव-त.वु.श्च.कु.वेव.क्टा

292.美如.美山.第二

(वाश्रवा.यंब्र.जि.तप्र। यूट्.क्षेटी) (टिलेट्.क्र्ज़.चूंवा.वि.पुर्-टेब्र.लीयं.क्षेप्र.घाटव्र.जी) क्रूवाबा.वटा ज

(र्टिवा,चब्रा,चब्री,वाधुब्रा,चर्रा श्रुब्र,सस्री) (रिलिट,ङ्क्ष्य,धूर्वा,सी.पुर.र.टिबा,लीब,सीर.श.चङ्ग,जी) क्रुवीबा,वटा, वि

जवा.जुब.र्नेश्चर.पह्मिरी

८६८.वर्षी वर्ष.ट.इव.ट.जब.है.टे.क्र्य.ट्.ड्रैटी

मिन-तर्ध-मिन-अम्बी श्रेव-रशयारा. रू. हे. रच. चरेथी

यर्ड्र-योखी योब्र्.च.ऱ्या.च.जय.चडिया.चब्र्याजया.जुट्री

पशिट-निर्मित्र पायत् भित्र रा.धे. भि. श्रे. येवा. क्टा

८६८ वाली वासू.टा.स्वा.टा.णथा.टाभी.शकुंपु.जवा.जुवा

विश्वर.यथर.वायर.थावयी श्रेय .पश्याता क्ष्या प्रोश्या श्रेया तत्त्र

य्ह्रेट.बोली वार्ष्.टा.मुवा.टा.जथाःश्लैवा.वी.जवा.जुद्री

यहूर्य.वाषु। वाष्ट्र.य.स्व.स.जब.स्वाब.ग्री.जवा.जुवा

विश्व-पर्य-विद-अवि) श्रेष-रश्याता-क्ष्रिय-विश्वया-स्रोता-वज्ञा

व्रिन्ती वर्षा वर्षा वाष्ट्र वाष्ट्र व्यापा वर्षा वाष्ट्र विष्ट्र

चयम सेना नाठुना लुच जय होता हो हो देन में नाय ने सेना में नाय में नाय

पश्चित्रन्देवान्यवस्यवद्यस्यद्वन् श्वद्यन्त्र्या

विद्या विद्या स्थान के त्या की त्या की त्या की त्या का कि त्या की त्य

क्या कुस इस नर से से साम से सुन में इस मोश्ट संसुस मोश्य हमा में अप से साम से अब्द से साम से अब्द से साम साम से साम से स

चवासिवा-देवासून्य-द्वानवुः विश्वश्वास्त्रविदः ग्रीःवायशानयशा

यह अक्षभ कर्य क्षभ कर्य क्ष्यं क्ष्यं भवर क्ष्यं क्

क्रेन स्ट्रिन की सिवा ने वार्त्या नदी प्रमेश ना ने न सिवा ने न मेश प्राप्त न

जिश्रतह्वा बैट्शर्टर इश्रन्तेशत्वर् क्वा

यश्चित्र-वश्चा वर्षवीय्र-वश्चाव्यः केट्ट क्ष्णीवश्चत्रके वर्षाश्चान्त्रः श्चान्त्रः श्चित्रः वर्षाश्चित्रः वर्षाः श्चित्रः वर्षाः व

- ग वक्षेत्रायार्ने सूर दर्गेश्वरावे सु सळव्।
- र। र्शास्त्रावक्षेत्राद्यावर्षेत्राचवे स्
- र। वक्ष-मन्त्रभवदि रोससःस्याची महान्द्रमा
- ब् वर्ष्युद्दः चर्वे वीसादेशन्दरः हुसानेशावर्थे हुवा
- र। वळे नवे सूनमा शे क्समा येद दर खूर्ये।

श्रेयश्वाप्यश्चर्युर्न् नश्चेत्रःश्चीःयायःयाव्या

चक्कित्त्री क्षित्र क्षित्

- भ मूर्या है। संस्थान है। हैं विश्वा की समाम्बेश है। रवाहिया
- हो इस.जुर बुरेता ने क्यानेश रा रच चसूर्टर वधिर ही।

नर्षेत्र तर्वीर. रे.नरियोश सत् स्रेय त्रित्र स्रो सूर्या

चाडू.चू.चक्षेत्र.वची.र.रे.चर्चिचभारतृ,क्षेत्र.चिट-इक्षभातकर्यःसर.चि.च.कु.चूर्। वचीत त्यात त्याच वचीचभातूरी चक्षेत्र.ची.य.बु.चचीव अर्ट्र.ची.रचूरभावज्ञेत.ची.चमर.भाषभारतु चक्षेत्र.चडूम.चूर.भेर.री.चक्षेत्र.च.क्षभातःइस.च.लुप.ची चर्टर.चु. अक्षेत्र.चुर्यंत्र.च.त्रीच.भूर.चु.भ.कू.भ.ची.क्ष्य.ची.क्षेत्र.चटूम.चूरभावज्ञेत.च.क्षेत्र.चडूम.चूरभावज्ञेत.चूरभ

न्दर्भे यक्षुव पर्वेश ग्री सक्व हिन्दी।

र्बेह्र या गर्डेश ब्रह्म व्हर्म शुन्न शुह्म शुन्न शहर विवादा हिना मा होना या होना मधीन शहर महिना शुन्न स्वाहण क या होना महिना महिना सुन्न स्वाहण कि साम के का महिना महिना महिना महिना महिना स्वाहण स्वाहण स्वाहण स्वाहण स्वाहण

पहिलायाम्बूदायर्डेलाग्रीन्देलक्षेपादी

यक्तः हुट्। क्रा.कृट्-स्रियः प्रतेरः प्रयोग्ना क्राय्याम् विष्याम् विषयाम् विष्याम् विषयाम् विष्याम् विष्याम्य

चल्री-चन्नेन् वर्षीर्-देवविष्यत्तव स्थित्वविर्यात् वाष्य्रविर्यात् स्थित् द्वास्त्रव स्थित्व स्थित्व स्थित्व स्थित्व

यर वर्षियान्त्रा । विषय लट मिया स्वापन्त्रात्त्र श्रेष्ट्र विषया । १ ताय लया वर्षित्र वर्ष्ट्र वर वर्ष्ट्र वर्य

वास्त्र-देवानावासावनुन्यक्तिन्तुन्यसम्बद्धान्त्रमा

१८०। । शिष्यः श्रीः क्षितानः स्थान् राज्यः स्थानिशान् स्थान् स्यान् स्थान् स्यान् स्थान् स्थान्य स्थान् स्थान् स्थान् स्थान् स्थान् स्थान्य स र्के. क्षेत्र स्वरं वाबि (Auto-immune Disorder) बेरा वर्डेन श्री क्षेत्र सन्दर्भ स्ट. खुवारा श्रुव वाबुन नर्केन सन्दर्भ सन्दर्भ वाबेन न्या विश्व स देर हुन नहुन ही भारत वर्ष वर्ष के हिन देन हुन है जिया असू अव शव वर्ष वादी वर्ष त्या है जूर भारत है हमा वर्ष कर है हमा भारत है। क्रुवान वर देन कि भारत हिया के हुन के कूर्य जा नक्ष्य नव पर नांचु निर्मात रुप होना है हुन जहरू होन ही जूर में हुन अक्षित अप है किया विन होने हिया के नव पर न वाष्ट्रियर में वाश्वरायदे स्थारी तार कार कर्त्र के लूटी किवायन शुक्रर वानिक कर वार वर रहा सुवर्षर काल कर वार व नादशास्त्रे प्रथम होत् हो र्योप् वर्षे दे सुरू मादशामार प्रथम हिना हान स्वाप्त प्रथम होता है। Endocrine System चरःश्ची होर् व्यक्षः हु का वर्षेत्र हु का व्यव्यक्ति का प्रदेश (Hormone and Enzymes) । सुकारी का श्ची वर्ष श्चिम का (Connective Tissues)। होर् व्यक्षा वर्षः होर् सुविः क्रिका की विकास के निवास के कि प्रतास का कार्या का किया के प्रतास के किया के का महिला महिला के किया के कि किया नादशानु प्रोदः नी प्रोदः नाशवः देन। श्री प्रोदः देशावहेद दर नावः नादनः के नवे नादशानुवा हो। वदानावे वहेवे नक्षाकः 🗸 दशानु दशेद प्रोदः शतका निवारः निवारः चूर्र राषु ही कुचाना नवा क्रिज़न्द कुचाना प्रदासका क्रम सर्हेद हुना र्याष्ट्र सवस क्रम हिंद हिंद होने । वह पुराना क्रम मूला क्रम सूचाना विद्यापाल सामिता होने हिंद्यापाल स्वाचीना चर्हेर होर कु र्योर। दे के दी। Immune System बेश सर्देश रहेश शुः खुश हो यह पश्चेत स्थार हेंद पर्यापा ची हॉवाश होर आवर बेवा पीत होर हेर हेर. ही बर मी होत रुस्थर रर मी यथ प्रवाद रे यथ केंवा हे स्थार परी रर रेवे रेंद्र केंद्र रवर में नर वहथा वर वालेन रुवक्य हे वार्देर यवे हीर रें। वरी दे हा हुर रु सैनभारी विभावते हैं त्रक्र ब्रेट इसवायर शेर रे विषय वर्ष विश्व हम से विषय हैं है। विषय सैट शावदेव सैनभारी ने वश हैं विश्व देव समय के दिस रहा है। नुरायनुराष्ट्रे सुरायदि वा वार्देन् वेदा इहा परायदे वारायदा स्वताय से बार् सेवाय भीवा वेवाया विवाय स्वताय है। देश स्वताय देश Auto-immune Disorder खेश.तर्न.क.कूत.ततक.ट्या.यनुन.ने.तर्वीय.चटु.वर.ताखे.खेश.सटु.कुत्य.लुप.यू.कुट्य.यू.व्.कुट्य.यू.चरेत.कुनला.कुन.नेट.यरभागी.पहिताश.क.नूर.सटु. वर् श्रेद शर न्या देया व यहेद दशद में श्रेर यो प्रेर यदी याशव से देन। ही खयाश क्षश्र हिय स वयाश दर यही वरी व द व दी वरी नर याक्द कर वरी नर वरी है आ प्रियम्बर्यान्यास् स्रोत्यात् । वर्षावि वर्षे वर्षोस्रम्यवस्य रेवामायकुर्यस्य स्रम्य वर्षे वर्षायस्य वर्षे कुर्याचा वर्षे वर्ष

वृट् तिवास वासू त द्वा तत कू जून ट्र हून ट्र कीस कर नध्वा र विर सूर्य

क्षेत्रदान प्रतिपदार्से अर्थन क्षेत्र क्षेत्र क्षेत्र हरा देवा पर इस दुर्ग स्वा न्तु स्वा स्वी स्वा विश्व विश्व क्षेत्र विश्व स्वा क्षेत्र विश्व क्ष नडरामा परि दे सेन् भीवा वीं दार श्रम हमा नेवामा से पर विवा सूर भूवा वाइन वा वा विद्या परि । विवाद कर वेंद् वर वी श्रम वा वाव वेंद् ही सर् बैट लूटी बूट अथव रचका की शुक्र बूड शका की का रट व बैट बूट लिया कई या बुचा रट व वट व डूच की का शुर विट हिंगों का का से बूट से विट कू शैय वट हैं। शैय विट हा की बीट विट विट की का है। बूट से बीट विट कू शैय वट हैं। शैय विट की बीट विट की की का है। વર્શેર ફે.સુ.ભાર નોશ્વર નોફેર શદર ભૂરી કે.ભાર મુજબ કર્ય કે.રંગ શ્રશ્ન શરાના મેં.વર્ણન જાશુર જ શોવજી કુર ટર શૂર કે જશા હવાયાના શોવળ તથા વકર વર્શેર કી. શૈય કે. न्यार्ट्स हेत पर हा यह होरा हा इसस हो क्षेर वा स्वया कर्र वा यावद हो हा या वाया यो रे से होस दस समक्रा करा वी दसस वहें रे देववया पर सिसस कर हे र्या वी या यथा अथा यस खुयथा देश विंद वी वहद वहीं राष्ट्री के बुद दे दवा हो राद्य अध्याय वह ववे दे के वा सुद प्रोंद यथा देश वहें दा बुद ये सुद साहे दे के चलुर् चरुवा रादर ।चरुर र शाचलवा श्रार लार चश्चर श्रूर चलुर शार्च र चशार्के हैश चर्चा रा वर्त्ते र वरुर पाचलेश लॉर पर स्थार स्टर स्थार स्थार पर स्थार स्यार स्थार स्यार स्थार स्था स्थार स्थार स्था स्थार स्था स्था स्थार स्था स्था स्थार स्था स्थार स्था स्थार स्था स्था स्था स्था स नाशर श्रुव हिन वेंद्र नश रावे अर्केन हु नहिनाश केर शहर य नानाश में बिश य हुर नहर पहुँर है श्रु नाशर नहिन शहर से दिनि निविदा हुँवे श्रुव नर सामाव हुआ चार आहेर कि. तार वाश्वर वाह्नेट प्रद वाह्नेय शहर हात्री ही र वाहर चूर की वाश्वर दवा ताहिर लीवाश यर हीय है अपने ही यह के प्रवाश वाशिश टी वर्षे आह्रोंट. ट्रीचादेर.ट्रूज.शॅच.इम.ब्र्चा.कचान.शॅच.इन्।श्रे.ट्रूज.शॅच.इन्.चवर्ना.लुच.ट्रो.ट्रंट.ची.कर.क्वि.शंच.चर्चन.चर्चन.चर्चा.वूट.शंच. ह्यें र नहूं थर बोहेर टेट्र शर्ट । ह्यूबो कबोश हवोश है दश हरे हा हि कर के र श्रेट में है सेथी हर सेथी हूं, सेथ बोहु बहुवा सेथे हैं र उहू ही र ताला थी है बो राम र स्थार हे हुन अपहिला सर्म किया प्रधान के प्रधान के सम्मान के स्थार के मान के सिंह के साम के सम्मान के सम्मान के सम्मान के सिंह के सिंह के सम्मान के समान के सम्मान के सम्मान के सम्मान के सम्मान के सम्मान के सम्मान के समान के समा वर्षेत्र यायव क्षे न्मा विद्या श्रुम विद्या स्थापक्षेत्र स्वाका वाया को सहस्र माल्य स्थापक्षेत्र हिम्म विद्या स्थापका हैं में की हैं र नह नहना र वर र र हिंद हैं से हैं हैं र नह नहें नहें अप र नहना र वर र नर नर किर के द लूरी र लर हैं जह है है से हैं र नह है लुष्टीर् तक्षिर्भन्नर क्रियन विर्ने र्यायाश्वर प्रस्त क्षेत्रपहिश्र सक्ष्य रियोव श्रमीय श्रम श्रम श्रम क्षेत्र सहिता या विराधित स्वापन स्वापन

वास्त्र-व-द्वा-वव-श्रव-श्रुद्र-श्री-ववा-ववा

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क्रेन्यसळ्यस्यविद्यान्यस्थितः हुर्गसा

इसार्यामान्द्राह्म न्द्रमार्न्द्रमाञ्चन स्वामार्या यन सूत्र देव सेवा सेवा स्वामा

रश्चामानम्बद्धस्य स्वामानम्बद्धस्य स्वामानम्बद्धाः स्वाप्तानम्बद्धम् स्वाप्तानम्बद्धस्य स्वाप्तानम्बद्यस्य स्वाप्तानम्बद्धस्य स्वाप्तानम्यस्य स्वाप्तानम्यस्य स्वाप्तानम्बद्धस्य स्वाप्तानम्बद्यस्य स्वाप्तानम्यस्य स्वाप्तान

श्चर्मान्द्रः श्चर्मायर हेत् श्वरामियत्।

वर्त्राभाष्ट्रियभावित् वित्रावित् महिन् महिन् प्राप्त केंद्रावित् वार्ष्ट्र वार्प्ट्र वार्ष्ट्र वार्प्ट्र वार्ट्य वार्य वार्य वार्ट्य वार्ष्ट्र वार्य वार्य वार्ट्य वार

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वरीर तुतु महूर्य हुन् हूँर हु। बाशू हुवा वरीश वर्ष दे बाहूर ही क्षा वर्षा सर कुवारा जानश्राता नुष्य त्यार दश रे लूट करा हिट बाहेर ही बाहूर चरूरा हनशा वहर वेदे गर्देश महित है। श्रें होन हो गर्देश बहेर होन हो गर्देश महत्वादेश सुगर्देश हो अयदे गर्देश सेवाश वह गढ़ेश खेंबाश धेर वा पर्दर ह सावेश हो। जावित वार्ट्य हूं श्राद का बाद जा बाद विकास सीवा वर्षेत्र सूर्य तार्ट्य । श्रीय बाधेर श्रुव की साम का अपना की स्वा का अपना की विकास साम की साम लिन् ही इस मार्थ र कुद न्दा से प्राप्त न प्राप्त न प्राप्त के दिन दिन ही बेस सामित न प्राप्त के प्र वर्षीर न्यूश्र हूप ह, के ये लुप खेरी चारूप पर वनन शव लिश चिर श्रामिश्र मुख्य सप्ति चुरा चुरा चेश तक्षा सामारूप विचाश सेचशी प्रमाणिय केर हैं. चहेर नर वर्ष भ विन तर् रिवार में विद्वा का प्रकृत वर्ष न कि निवर ने व्याप्त निकार विकास विकास विकास महिला है। असर विदे श्रुश्चर क्रिया क्रिया क्रिया वर्षा ही वे क्रव्या वर्षेत्र वर्षा वर्षेत्र क्षेत्रामाळेव ळेट सर पर्देर हो। यह वासव मार्देव रेवायाचार्वेद साधेद सर हे खेवे छवा हा। श्रीयायायाय के वादेव दे छेट दर्वायायवे प्रयास कर वाद केंद्र ही हा सा रर्गावर्षेर भावदेर वार्या अपूर्विय विराम भूवान भून मुस्या है वश्रीर मानु हो नमानु भावता ने वार्या है का मैं वारा देव वी वारा हैं सारी हो स्थारिया वर्देव सन्ने देवा सेते तथा ही नहें भारतम् दर। वाद भारताम बूँदा सन्नेदा सर्वेदा सन्दान का नेदा वादेव देवा भारतह वा सव वर्षावा सदर। वावदा पर सिवा बूँदा क्ष्योभानभयोभाज्ञिभान्तः क्रिन् नभाक्षेत्रं लूट् के त्येद्रः पर्धिभायोष्टः खुट। भानया नाभाज्ञिभानदुरभानतु त्येत्रं पुराभानया तसी नहु क्षेत्रभू नामान्त्रेश क्षेत्र भूता भन्तः यक्त वर्षे। यम अदे इस्य माउद हे महिंद हर यह माध्य स्पर्म महिंद सम्पर्भ महिंद म इसभावनियः स्वाक्षेत्रे स्वाहेर् अर्था वर्षेत्र वर्षे स्वाहेर्य स्वाहेर्य । क्षेत्र हेव्यभावते क्षेत्र हिव्यभावते क्षेत्र व्याप्त हित्य प्राहेर्य स्वाहेर्य स्वाहेर्य स्वाहेर्य स्वाहेर्य चडशालूर्यः सञ्जूरः चर्त्रेशः श्रीः कर्यरः संजूरि

व्र-वियोश द्वेश द्वा जमायर देश द्वा ततु लेश चे ताय जा

लवर | हुआ कुंग क्षेत्र कर चर्च अंदर बुर । यावद रि. हुआ क्यू कर यार्ट्स यहेवा संज्ञान कुंग सी। यद्य क्रम स्था स पर । लार में कुंग का यावद लार क्यू अंदर क्षेत्र के रहा हो अंदर पर्ट्स यहेवा संज्ञान कुंग सी। यह अंदर स्था स्था वर्षित हुआ है। इस का वर्ष वर्ष क्षेत्र केर हुंग यो आ। वर्षेत्र यह यह अंदर अंदर अंदर अंदर केर विशेष स्था स्था स

वादसामिसावश्रीर कूँवा मुद्दासा भ्री नर्देश भ्रदाहरा वार्टे विवाद क्या

देट वी कर 'बहरा ग्लीट कर हेंद के बवे 'में ब ही अपर 'ब बीट 'विश्व 'ब बीट 'ब्रॉब 'बर्ड 'बर्ड 'बर्ड 'बर बीट 'ब्रॉब ' বু অথব বিগাপ্ত সামাদ্য প্রস্কার্ত্তীর বিভাগ প্রস্কারী স্কাল্প তেরালয় নামান্ত্র প্রলামান্ত্র প্রত্য ১০৫ oookmর্মনা বভিনামানুষা ভিনামান্ত্র স্থানির বল বভিনামা रूषा छ तुरा अर वार्षेत्र रा में क्यांश लूरी चूर पह सैर वा विधार रूष कीश अन्ते लाला वी अर हुए में वर्के कूच क्याश क्षेत्र वार्थ होय वार्थ से वार्थ निवास रूर किया जाने कुल की सीता ची तिया ची त बीट. क्रिये के अहूर दुवा किट क्यांश लूरी पूर्व किट है तयु कर ख़ब्द हुवा ची श योची र बीट ख़िय स ख़ुतु ख़ब्द हुवंद योशना य बीट हूर हो सह ही है ची. पिंची का मूं के में मुख्ये कर जा कर कर का कि वर्षों सुन कुर कर का बीम लूटी बावुका सीम कु के की जा लाय कु कु के कि पर कु कु कु कु कु कु कु की बात कर कि न्यर के ने पाद प्राय मु का मही है महूर है नाद करने ना पीद है होना सर द नेंद दर कि नार निका प्राय की का के हैं का बदा में की बदा बहुना क्राय का प्राय में पर्चा य श देवाश दर । श्रे दूर्भ श्र्वा कवाश श्र्वाश ग्रीश वर्ळ हेव होवा कवाश लूट कर वहार होट व्या क क्टूर वश्चर खूवा दवर वीश देवे क्टूर खुवा हु वह साथ श्रे वर्षे इसमाया महिन सुर्व केव विकास लिना महिना मिना महिना तीना वर्षेत्र, शूर्यात्रा की के त्रीना तातु त्र तर्वेता द्वारा विषय तातु द्वारिया तर्दा भी रहूता त्रीत इत्या श्रीता वर्षा त्रीत क्षेत्र क्ष्य त्रीत क्ष्य क्ष्य व्यापा विषय क्ष्य ह्या गीता रिह्म हिन क्षेत्र क्रू बर जूर शक्क सर हो प्रियम दूश रूर है में जाल हु जिल्लाम दूश हैन दूर प्रवेद हूर कर जनर नव मुक्क ही मान हिन हो प्रियम दूश यावर जम कैंग चर्चीर वित्यक्ष भी वर्षे व्यवस्थ क्षेत्र क्ष्यम वर्षे देल्ली वर्षे वर्ष मार्थे देश श्रीय इस महिता वर्षे क्षेत्र वर्षे वर्षेत्र क्ष्यम वर्षेत्र वर्षेत्र वर्षेत्र क्ष्यम वर्षेत्र वर्षेत् त्रांत्र, सूर्य, सार्ट्र, रिया क्षित्रका त्रांत्र, विकाश कि सहूर, रिटा हुट, यी त्रायर, यह सूर्याया की मुद्र, तथा है। रहूया हीय हिया तथा सूर्य का वर्षेत्र, वा वर् क्ष्यभाक्षीकि सोवायमान्त्रभाववीर कूँचा वामावर् ववीर मुप्त कीमामह सर ची भूत वक्ष देव नावायू र निवाम इवमा हो यम र मामिकर कि मान्य देवा र मा <u>इत्। यन्तः श्रः बीय सन्दर्भकर क्षः ययश द्याश सद्भेत् क्षेत्र क्षेत्र क्ष्या र शः श्लेंद्र स्तन्दा वर्ष्य र यद्या वर्ष्य स्तर्भव स</u> धेव॥॥

यया योद न्सर योष्ट्रेन ग्री हिंस स्पूर्ण

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बिट नद-बर लूप्टी हुं सिट केशनेशन नद लूप ने नट सूच श्वा लिश लट ने ट ची चन्ने सिट सुट न कूप्टी चित मुंद्र सुद अपूच श्री सिट नदी सुश्च प्रमुच श्री में प्रमुच प्रमुच प्रमुच प्रमुच प्रमुच प्रमुच प्रमुच प्रमुच सिट मदी चा के सिट स्पर्ने स्था प्रमुच प्रमुच सिट मदी प्रमुच प

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