



Dear ISO/TC249 members and all experts,

It's now been over a year since we were gathering together in Bangkok, Thailand at the last plenary meeting in June 2019. At this time filled with uncertainties, I would like to extend my sincere wishes to you and your family.

I appreciate your excellent efforts to progressing ISO/TC249 standards work all the time. Over the past ten years, the committee has made an essential contribution to the health and wellbeing by developing a total of 62 international standards and 33 projects are now under development. From the last plenary meeting, 17 international standards being newly published and there are more key and recent developments I would like to share with you in this Secretariat report which also include a summary of WG virtual meetings and an introduction of a new platform: ISO Documents to replace the previous e-committee platform.

Very importantly, in the midst of the global pandemic, the secretariat team would like to assist you in any way we could, therefore please feel free to reach out to us at any time.

We wish you all the best.

Kind regards

Sang Zhen

ISO/TC249 Committee manager



ISO/TC249 N

2020-10-12

The Secretariat Report of ISO/TC249,
Traditional Chinese medicine

October 12, 2020

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1. ISO/TC249 Scope

Standardization in the field of medical systems derived from ancient Chinese medicine which shall be able to share one common set of standards. Both traditional and modern aspects of these systems are covered. The committee focuses on quality and safety of raw materials, manufactured products and medical devices and of informatics, including service standards limited to involving the safe use and delivery of devices & medicine, but not into the clinical practice or application of those products.

2. ISO/TC249 Structure

- ISO/TC 249/CAG 1 Chair's Advisory Group for governance
- ISO/TC 249/CAG 2 Chair's Advisory Group for working group management
- ISO/TC 249/WG 1 Quality and safety of raw materials and traditional processing
- ISO/TC 249/WG 2 Quality and safety of manufactured TCM products
- ISO/TC 249/WG 3 Quality of acupuncture needles and safe use of acupuncture
- ISO/TC 249/WG 4 Quality and safety of medical devices other than acupuncture needles
- ISO/TC 249/WG 5 Terminology and Informatics
- ISO/TC 249/JWG 1 Joint ISO/TC 249 - ISO/TC 215 WG: Informatics

Note: ISO/TC 249/JWG 6 (Joint ISO/TC 249 - IEC/SC 62D WG: Electromedical equipment) was disbanded in June 2020.

3. ISO/TC249 Participating and Observing member

Participating Members (23)

Australia (SA)

Canada (SCC)

China (SAC)

Czech Republic (UNMZ)

Germany (DIN)

Ghana (GSA)

Hungary (MSZT)

Italy (UNI)

Japan (JISC)

Kenya (KEBS)

Korea, Republic of (KATS)

Mongolia (MASM)

Netherlands (NEN)

Norway (SN)

Portugal (IPQ)

Russian Federation (GOST R)

Saudi Arabia (SASO)

Singapore (ESG)

South Africa (SABS)

Spain (UNE)

Switzerland (SNV)

Thailand (TISI)

Viet Nam (STAMEQ)

Observing Members (22)

Argentina (IRAM)

Austria (ASI)

Burundi (BBN)

Finland (SFS)

France (AFNOR)

Hong Kong (ITCHK SAR)

India (BIS)

Iran, Islamic Republic of (ISIRI)

Ireland (NSAI)

Israel (SII)

Lithuania (LST)

Macao (CPTTM)

Nepal (NBSM)

New Zealand (NZSO)

Poland (PKN)

Romania (ASRO)

Seychelles (SBS)

Sweden (SIS)

Togo (ATN)

Tunisia (INNORPI)

United Kingdom (BSI)

Zimbabwe (SAZ)

***Note: New member body registered and changed from June 2019-Sept 2020.**

4. ISO/TC249 internal and external liaisons

a. Internal liaisons	
IEC/SC 62D	Electromedical equipment
ISO/TC 215	Health informatics
ISO/TC 304	Healthcare organization management
ISO/TC 314	Ageing societies
b. External liaison organizations	
WFAS	World Federation of Acupuncture and Moxibustion Societies
WFCMS	World Federation of Chinese Medicine Societies
WHO	World Health Organization

5. ISO/TC249 WG Convenors and Secretaries

Working Group	Convenor(s)	Secretaries	National body
1	LIU Liang	ZHOU Hua	SAC
2	Sven SCHRÖDER	Matthias KRITZLER-PICHT	DIN
3	ZHAO Hong	WANG Li	SAC
4	CHOI Sun-mi	LEE Yujung	KATS
5	KOH Byung-hee	LEE Juyeon; (KATS) Song Meng (SAC)	KATS
JWG1	LI Haiyan	CUI Meng	SAC
*Note: WG secretaries have recently been nominated.			

6. Work programme of ISO/TC249

a. Published standards (62)			
Ref.	Title	Stage	Action to be expected
ISO 17218:2014	Sterile acupuncture needles for single use	90.20	SR from 2019-1-15 and end on 2019-6-4
ISO 17217-1:2014	Traditional Chinese medicine -- Ginseng seeds and seedlings -- Part 1: Panax ginseng C.A. Meyer	90.20	SR from 2019-4-15 and end on 2019-9-2
ISO 18664:2015	Traditional Chinese Medicine -- Determination of heavy metals in herbal medicines used in Traditional Chinese Medicine	90.20	SR from 2020-07-15 and will end on 2020-12-02
ISO 18665:2015	Traditional Chinese medicine -- Herbal decoction apparatus	60.60	Next SR: 2020-10-15
ISO 18666:2015	Traditional Chinese medicine -- General requirements of moxibustion devices	60.60	Next SR: 2020-10-15
ISO 18668-1:2016	Traditional Chinese medicine -- Coding system for Chinese medicines -- Part 1: Coding rules for Chinese medicines	60.60	Next SR will be in 2021
ISO 18746:2016	Traditional Chinese medicine -- Sterile intradermal acupuncture needles for single use	60.60	Next SR will be in 2021
ISO 20408:2017	Traditional Chinese medicine -- Panax notoginseng seeds and seedlings	60.60	Next SR will be in 2022
ISO 19465:2017	Traditional Chinese medicine -- Categories of traditional Chinese medicine (TCM) clinical terminological systems	60.60	Next SR will be in 2022
ISO 18668-2:2017	Traditional Chinese medicine -- Coding system for Chinese medicines -- Part 2: Codes for decoction pieces	60.60	Next SR will be in 2022
ISO 18668-3:2017	Traditional Chinese medicine -- Coding system for Chinese medicines -- Part 3: Codes for Chinese Materia Medica	60.60	Next SR will be in 2022

ISO 18668-4:2017	Traditional Chinese medicine -- Coding system for Chinese medicines -- Part 4: Codes for granule forms of individual medicinals for prescriptions	60.60	Next SR will be in 2022
ISO 19824:2017	Traditional Chinese medicine -- Schisandra chinensis (Turcz.) Baill. seeds and seedlings	60.60	Next SR will be in 2022
ISO 20311:2017	Traditional Chinese medicine -- Salvia miltiorrhiza seeds and seedlings	60.60	Next SR will be in 2022
ISO 19610:2017	Traditional Chinese medicine -- General requirements for industrial manufacturing process of red ginseng (Panax ginseng C.A. Meyer)	60.60	Next SR will be in 2022
ISO 19611:2017	Traditional Chinese medicine -- Air extraction cupping device	60.60	Next SR will be in 2022
ISO 19614:2017	Traditional Chinese medicine — Pulse graph force transducer	60.60	Next SR will be in 2022
ISO 20308:2017	Traditional Chinese Medicine-Gua Sha Instruments	60.60	Next SR will be in 2022
ISO 20498-2:2017	Traditional Chinese medicine — Computerised tongue image analysis system — Part 2: Light environment	60.60	Next SR will be in 2022
ISO 20409:2017	Traditional Chinese medicine — Panax notoginseng root and rhizome	60.60	Next SR will be in 2022
ISO 18662-1:2017	Traditional Chinese Medicine - Vocabulary - Part 1: Chinese Materia Medica	60.60	Next SR will be in 2022
ISO 20333:2017	Traditional Chinese medicine — Coding rules for Chinese medicines in supply chain management	60.60	Next SR will be in 2022
ISO 20759:2017	Traditional Chinese medicine — Artemisia argyi leaf	60.60	Next SR will be in 2022
ISO 21371:2018	Traditional Chinese medicine -- Labelling requirements of products intended for oral or topical use	60.60	Next SR will be in 2023
ISO 19617:2018	Traditional Chinese medicine -- General requirements for manufacturing process of natural products	60.60	Next SR will be in 2023

ISO 20495:2018	Traditional Chinese medicine -- Skin electrical resistance measurement devices	60.60	Next SR will be in 2023
ISO/TR 20520:2018	Traditional Chinese medicine -- Infection control for acupuncture treatment	60.60	Not limited
ISO/TR 23022:2018	Traditional Chinese medicine -- Controlled vocabulary on Japanese Kampo formulas and the indication codes for the products	60.60	Not limited
ISO 20334:2018	Traditional Chinese medicine -- Controlled vocabulary on Japanese Kampo formulas and the indication codes for the products	60.60	Next SR will be in 2023
ISO 20493:2018	Traditional Chinese medicine — Infrared moxibustion-like instruments	60.60	Next SR will be in 2023
ISO/TR 23021:2018	Traditional Chinese medicine -- Controlled vocabulary on Japanese Kampo crude drugs	60.60	Not limited
ISO 21315:2018	Traditional Chinese Medicine- Ganoderma lucidum fruiting body	60.60	Next SR will be in 2023
ISO/TR 20498-5:2019	Traditional Chinese medicine — Computerized tongue image analysis system — Part 5: Tongue color and tongue coating color	60.60	Not limited
ISO 21316:2019	Traditional Chinese Medicine-Isatis indigotica root	60.60	Next SR will be in 2024
ISO 21370:2019	Traditional Chinese Medicine- Dendrobium Officinale stem	60.60	Next SR will be in 2024
ISO 20498-1:2019	Traditional Chinese medicine -- Computerized tongue image analysis system -- Part 1: General requirements	60.60	Next SR will be in 2024
ISO/TS 20758:2019	Traditional Chinese medicine -- Abdominal physiological parameter detector	60.60	Next SR will be in 2022
ISO 21300:2019	Traditional Chinese medicine -- Guidelines for Chinese materia medica specification	60.60	Next SR will be in 2024
ISO 21314:2019	Traditional Chinese medicine-Salvia miltiorrhiza Root and Rhizome	60.60	Next SR will be in 2024
ISO 21317:2019	Traditional Chinese medicine --	60.60	Next SR will be in 2024

	Lonicera japonica flower		
ISO 22212:2019	Traditional Chinese Medicine — Gastrodia tuber	60.60	Next SR will be in 2024
ISO 21366:2019	Traditional Chinese medicine -- General requirements for smokeless moxibustion devices	60.60	Next SR will be in 2024
ISO 20487:2019	Traditional Chinese medicine -- Test method of single-use acupuncture needles for electrical stimulation	60.60	Next SR will be in 2024
ISO/TS 22990:2019	Traditional Chinese medicine -- Categories of clinical terminological system to support the integration of clinical terms from traditional Chinese medicine and Western medicine	60.60	Next SR will be in 2022
ISO 21291:2019	Traditional Chinese medicine — Therapeutic fumigation devices	60.60	Next SR will be in 2024
ISO 22584:2019	Traditional Chinese medicine — Angelica sinensis root	60.60	Next SR will be in 2024
ISO/TR 23975:2019	Traditional Chinese medicine — Priority list of single herbal medicines for developing standards	60.60	Not limited
ISO 18615:2020	Traditional Chinese medicine — General requirements of electric radial pulse tonometric devices	60.60	Next SR will be in 2025
ISO 18662-2:2020	Traditional Chinese medicine — Vocabulary — Part 2: Processing of Chinese Materia Medica	60.60	Next SR will be in 2025
ISO/TS 20498-3:2020	Traditional Chinese medicine — Computerized tongue image analysis system — Part 3: Colour chart	60.60	Next SR will be in 2023
ISO 21292:2020	Traditional Chinese medicine — Electric heating moxibustion equipment	60.60	Next SR will be in 2025
ISO/TS 21310:2020	Traditional Chinese medicine — Microscopic examination of medicinal herbs	60.60	Next SR will be in 2023
ISO 22213:2020	Traditional Chinese medicine — Glass cupping device	60.60	Next SR will be in 2025
ISO 22217:2020	Traditional Chinese medicine — Storage requirements for raw materials and decoction pieces	60.60	Next SR will be in 2025

ISO 22236:2020	Traditional Chinese medicine — Thread-embedding acupuncture needle for single use	60.60	Next SR will be in 2025
ISO 22256:2020	Traditional Chinese medicine — Detection of irradiated natural products by photostimulated luminescence	60.60	Next SR will be in 2025
ISO 22258:2020	Traditional Chinese medicine — Determination of pesticide residues in natural products by gas chromatography	60.60	Next SR will be in 2025
ISO 22283:2020	Traditional Chinese medicine — Determination of aflatoxins in natural products by LC-FLD	60.60	Next SR will be in 2025
ISO 22894:2020	Traditional Chinese medicine — Pulse waveform format	60.60	Next SR will be in 2025
ISO 22988:2020	Traditional Chinese medicine — Astragalus mongholicus root	60.60	Next SR will be in 2025
ISO 23191:2020	Traditional Chinese medicine — Determination of selected Aconitum alkaloids by high-performance liquid chromatography (HPLC)	60.60	Next SR will be in 2025
ISO 23193:2020	Traditional Chinese medicine — Lycium barbarum and Lycium chinense fruit	60.60	Next SR will be in 2025

b. Standards under development (33)

WG	Ref.	Title	Stage	Action to be expected
1	ISO/DIS 23723	Traditional Chinese Medicine -- General requirements for herbal raw material and materia medica	40.20	DIS ballot from 2020-08-13 to 2020-11-05.
1	ISO/DIS 23959	Traditional Chinese Medicine- Glehnia littoralis root	40.60	DIS ballot passed and to be discussed at the next WG1 meeting.
1	ISO/DIS 23962	Traditional Chinese Medicine --Processed Aconitum carmichaelii lateral root	40.20	DIS ballot from 2020-08-07 to 2020-10-30.
1	ISO/AWI 23965	Traditional Chinese Medicine- Bupleurum chinense and Bupleurum scorzonrifolium	20.00	WD need further discussion to reach consensus within WG1.

		root		
1	ISO/CD 23972	Traditional Chinese Medicine --Zingiber officinale rhizome	30.99	CD ballot passed and wait for PL's submission for DIS.
1	ISO/WD 4154	Traditional Chinese Medicine — Sinomenium acutum stem	20.00	NP ballot passed and to be discussed at the next WG1 meeting.
1	ISO/WD 4564	Traditional Chinese Medicine — Scutellaria baicalensis Georgi root	20.00	NP ballot passed and to be discussed at the next WG1 meeting.
1	ISO/AWI 22585	Traditional Chinese Medicine — Codonopsis pilosula root	20.00	WD needs further discussion to reach consensus within WG1.
1	ISO/CD 22586	Traditional Chinese Medicine- Paeonia lactiflora root— White peony root	30.60	CD ballot passed and to be discussed at the next WG1 meeting.
1	ISO/WD 23964	Traditional Chinese Medicine — Saposhnikovia divaricata root and rhizome	20.00	NP ballot passed and to be discussed at the next WG1 meeting.
2	ISO/ FDIS 19609-1	Traditional Chinese medicine -- Quality and safety of natural materials and manufacturing products made with natural materials - - Part 1: General requirement	50.00	FDIS ballot from 2020-10-01 to 2020-11-26.
2	ISO/FDIS 19609-2	Traditional Chinese medicine -- Quality and safety of natural materials and manufacturing products made with natural materials - - Part 2: Identity testing	50.00	FDIS ballot from 2020-10-02 to 2020-11-27.
2	ISO/DIS 22467	Traditional Chinese medicine -- Determination of microorganism in natural products	40.60	DIS ballot passed and to be discussed at the next WG2 meeting.
2	ISO 22590	Traditional Chinese medicine -- Determination of Sulfur Dioxide in natural products by titration	60.00	To be published.
2	ISO/CD 23956	Traditional Chinese medicine -- Determination of benzopyrene in processed natural products	30.60	CD ballot passed and to be discussed at the next WG2 meeting.
2	ISO/DIS 23190	Traditional Chinese medicine	40.60	DIS ballot passed and to be

		-- Determination of aristolochic acids in natural products by HPLC		discussed at the next WG2 meeting.
2	ISO/CD 23419	Traditional Chinese medicine -- General requirement of manufacturing procedure and its quality control for granules	30.60	CD ballot passed and to be discussed at the next WG2 meeting.
2	ISO/AWI 19609-3	Traditional Chinese medicine — Quality and safety of natural materials and manufacturing products made with natural materials — Part 3: Part 3: Testing of the absence of contaminants	20.00	Ready for starting CD ballot.
2	ISO/AWI 19609-4	Traditional Chinese medicine — Quality and safety of natural materials and manufacturing products made with natural materials — Part 4: Part 4: Testing of Preservatives and non wanted compounds	20.00	Ready for starting CD ballot.
2	ISO/WD 4754	Traditional Chinese Medicine — Fermented Cordyceps Powder	20.99	Ready for starting CD ballot after the WD consultation within WG2.
2	ISO/WD 4904	Traditional Chinese Medicine — inner pack of decoction pieces	20.99	Ready for starting CD ballot after the WD consultation within WG2.
3	ISO/AWI 23958-1	TCM- Dermal Needle for single use -- Part 1: Tapping type	20.00	Ready for starting CD ballot.
3	ISO/AWI 23958-2	TCM- Dermal Needle for single use -- Part 2: Roller Type	20.00	Ready for starting CD ballot.
4	ISO/TS 20498-4	Traditional Chinese medicine -- Computerized tongue image analysis system -- Part 4: Peripheral visual instruments	60.00	To be published.
4	ISO/DIS 22466	Traditional Chinese medicine- Laser acupoint radiation device	40.20	DIS ballot from 2020-08-20 to 2020-11-12.

4	ISO/CD 24571	Traditional Chinese medicine - General requirements for the basic safety and essential performance of electro- acupuncture stimulator	30.60	CD ballot passed and wait for PL's submission for DIS.
4	ISO/WD 22587	Traditional Chinese Medicine- Acupoint Magnetotherapy Plaster	20.00	NP ballot passed and to be discussed at the next WG4 meeting.
4	ISO/WD 5227	Traditional Chinese Medicine — Safety controls of cupping device	20.00	NP ballot passed and to be discussed at the next WG4 meeting.
5	ISO/CD 23961-1	Traditional Chinese Medicine- Vocabulary for Diagnostics -- Part 1: Tongue	30.99	CD ballot passed and moved to DIS stage.
5	ISO/CD 23961-2	Traditional Chinese Medicine- Vocabulary for Diagnostics -- Part 2: Pulse	30.99	CD ballot passed and moved to DIS stage.
JWG1	ISO/ PRF TS 23030	Traditional Chinese medicine -- Clinical Document specification for prescription of TCM decoction pieces	50.00	Paralleled DTS ballot passed and moved to publication stage.
JWG1	ISO/CD 23963-1	Traditional Chinese Medicine -- requirements for process traceability system of Chinese materia medica and decoction pieces -- Part 1: components	30.99	CD ballot passed and wait on PL's submission for DIS ballot.
JWG1	ISO/CD 23963-2	Traditional Chinese Medicine -- requirements for process traceability system of Chinese materia medica and decoction pieces -- Part 2: electronic labelling	30.99	CD ballot passed and wait on PL's submission for DIS ballot.

7. Progress report on the resolutions taken at the TC249 10th plenary

meeting in Bangkok 2019

Ref.	Content	Action
2019-2	ISO/TC 249 resolves to set up the internal liaison arrangement with ISO/TC314 Ageing Societies. ISO/TC249 resolves to note the liaison reports of WFCMS, WFAS, ISO/TC 215, ISO/TC304 and their contributions to the work of ISO/TC 249.	Complete. TC249 secretariat representatives attended the meetings of ISO/TC314.
2019-3	ISO/TC 249 resolves to send the updated Strategic Business Plan of TC249 to an 8-week Committee Internal Ballot to seek comments and input from the National Member Bodies no later than August 15th, 2019.	Complete. The CIB started from Aug 15 to Oct 12, 2019 and after incorporating comments from members, the secretariat submitted the revised BP to ISO CS in Feb 2020.
2019-5	ISO/TC 249 resolves to accept the recommendation of WG1 that WD 21310 Traditional Chinese medicine--Microscopic examination on medicinal herbs [PL: CHOI Goya] proceed to DTR ballot.	According to suggestions from ISO/CS, this project is more suitable to be TS rather than TR. After CIB in TC 249, the committee agreed to change this project from TR to TS. ISO/TS 21310 was published on 2020-07-15.
2019-6	ISO/TC 249 resolves to accept the recommendation of WG1 that WD 21311 Traditional Chinese Medicine--Astragalus root (astragalus membranaceus) [PLs: HAN Sinhee, HUR Mok, KANG Youngmin] be revised to change the title to "Traditional Chinese Medicine-- Astragalus membranaceus root" and then extend timeline for 9 months for further project development due to difficulty in reaching consensus.	The request for timeline extension has been refused by ISO/CS and this project has been cancelled.
2019-7	ISO/TC 249 resolves to accept the recommendation of WG1 that WD 21313 Traditional Chinese Medicine--Platycodon grandiflorum root [PLs: HAN Sinhee, KIM Yongil, KANG Youngmin] timeline be extended by 9 months for project development due to difficulty in reaching consensus.	The request for timeline extension has been refused by ISO/CS and this project has been cancelled.
2019-8	ISO/TC 249 resolves to accept the recommendation of WG1 that WD 23723 Traditional Chinese Medicine--General requirements for herbal raw material and materia medica [PLs: Heidi HEUBERGER, ZHOU Hua] proceed to CD ballot.	Complete. The CD ballot result is positive.
2019-9	ISO/TC 249 resolves to accept the recommendation of WG1 that N1018	Complete. The NP ballot

	Traditional Chinese Medicine--Sinomenii stem [PL: LIU Liang] be revised and then proceed to NP ballot.	result is positive and the allocated ISO number is 4154.
2019-10	ISO/TC 249 resolves to accept the recommendation of WG1 that N1029 Traditional Chinese Medicine--Determination of ginseng growth year (replace N807) [PL: ZHOU Hua] be changed the type of deliverable from IS to TR and then proceed to DTR ballot.	This project is more suitable to be TS rather than TR and it will be discussed in WG1 meeting when documents are prepared.
2019-11	ISO/TC 249 resolves to accept the recommendation of WG1 that N1041 Traditional Chinese Medicine--Scutellaria baicalensis Georgi root [PL: YIN Hang] be revised and then proceed to NP ballot.	Complete. The NP ballot result is positive and the allocated ISO number is 4564.
2019-12	ISO/TC 249 resolves to accept the recommendation of WG1 that WD 23959 Traditional Chinese Medicine--Glehnia littoralis root [PLs: KUANG Pengqun, CHOI Hoyoung] proceed to CD ballot after WG consultation.	Complete. It has passed DIS ballot and wait for submission for FDIS.
2019-13	ISO/TC 249 resolves to accept the recommendation of WG1 that WD 23962 Traditional Chinese Medicine--Processed Aconitum carmichaelii lateral root [PLs: XIE Ying, HUANG Yufeng] proceed to CD ballot after WG consultation.	Complete. DIS ballot will be ended on 2020-10-30.
2019-14	ISO/TC 249 resolves to accept the recommendation of WG1 that WD 23965 Traditional Chinese Medicine--Bupleurum chinense and Bupleurum scorzonrifolium root [PL: YANG Meihua] proceed to CD ballot after WG consultation.	WD needs further discussion to reach consensus within WG1 before CD balloting.
2019-15	ISO/TC 249 resolves to accept the recommendation of WG1 that WD 23972 Traditional Chinese Medicine--Zingiber officinale rhizome [PL: GAO Weiwei] proceed to CD ballot after WG consultation.	Complete. The CD ballot result is positive.
2019-16	ISO/TC 249 resolves to accept the recommendation of WG1 that the work priority of the Working Group be revised as follows: 1) Projects for raw materials used in or as traditional Chinese medicine with high priority identified by WG1 based on a priority list of top 100 single herbs in ISO/TR 23975; 2) Projects for detection methods related to the safety of herbs, including detection method of toxins; and unwanted substances, etc. 3) Projects for improving the quality of herbs, including general requirements for herbal raw material and materia medica; and general requirements for primary processing of raw materials, etc.	Complete.
2019-18	ISO/TC 249 resolves to accept the recommendation of WG2 that ISO/CD 19609-1 Traditional Chinese Medicine--Quality and Safety of natural materials and manufacturing products made with natural materials--Part 1: General requirements [PL: Hans RAUSCH] to change the title to "Traditional Chinese Medicine--Quality and Safety of raw materials and manufacturing products made with raw materials--Part 1: General requirements" and proceed to DIS ballot.	Complete. The project right now is under FDIS stage.

2019-19	ISO/TC 249 resolves to accept the recommendation of WG2 that ISO/CD 19609-2 Traditional Chinese Medicine--Quality and Safety of natural materials and manufacturing products made with natural materials--Part 2: Identity testing [PL: Hans RAUSCH] to change the title to "Traditional Chinese Medicine--Quality and Safety of raw materials and manufacturing products with raw materials--Part 2: Identity testing of constituents of herbal origin" and proceed to DIS ballot.	Complete. The project right now is under FDIS stage.
2019-20	ISO/TC 249 resolves to accept the recommendation of WG2 that ISO/AWI 23419 Traditional Chinese medicine--General requirement of manufacturing procedure and its quality control for granules [PLs: QIAN Zhongzhi, HAKAMATSUKA Takashi, CHO Hyunjoo] to change the title to "General requirement of manufacturing procedure and its quality assurance for granules".	Complete. The CD ballot result is positive.
2019-21	ISO/TC 249 resolves to accept the recommendation of WG2 that N796 Traditional Chinese Medicine--Fermented Cordyceps Powder [PL: LI Bangliang] proceed to NP ballot after the revision of the Form 4 and the working draft.	Complete. The NP ballot result is positive.
2019-22	ISO/TC 249 resolves to accept the recommendation of WG2 that N1017 Traditional Chinese Medicine--Inner pack of decoction pieces [PLs: Thomas FRIEDEMANN, WU Peikai] proceed to NP ballot.	Complete. The NP ballot result is positive.
2019-23	ISO/TC 249 resolves to accept the recommendation of WG2 that N1032 Traditional Chinese Medicine--Chemical profiling of herbal medicines [PL: KIM Jung Hoon] proceed to DTR ballot after the WG consultation and the revision of the document.	ISO CS instructed that this document is not suitable for a Technical Report. The PL is preparing the new documents targeting IS or TS.
2019-25	ISO/TC 249 resolves to accept the recommendation of WG3 that ISO/CD 22236 Traditional Chinese Medicine --Thread embedding acupuncture needle for single use [PLs: WANG Shoudong, KAWG Dong Ryel] be revised according to the experts' suggestions and submit it to TC 249 secretariat for DIS ballot no later than 2nd July 2019.	Complete. 22236 was published in June 2020.
2019-26	ISO/TC 249 resolves to accept the recommendation of WG3 that N1039 Traditional Chinese medicine -- Sterile knife needle for single use [PLs: KAWG Dong Ryel, WANG Shoudong] be revised and then submitted to TC 249 secretariat no later than 15th July 2019 for NP ballot.	Complete. The NP ballot result is negative and the project remains as PWI 24655.
2019-28	ISO/TC 249 resolves to accept the recommendation of WG4 that ISO/AWI 24571 Traditional Chinese Medicine--General requirements for the basic safety and essential performance of electro-acupuncture stimulator [PLs: HAN Songping, LEE Sanghun, YUAN Xiaoning (James), KIMURA Tomoaki] proceed to CD ballot.	Complete. The CD ballot result is positive.
2019-29	ISO/TC 249 resolves to accept the recommendation of WG4 that the time track of ISO/NP 22466 Traditional Chinese medicine--Laser acupoint radiation device [PL: QI Lijing] be changed from track 2 (36 months) to track	Complete. DIS ballot will be ended on 2020-11-12.

	3 (48 months) since the consensus on technical issues has not been resolved. The PL will be changed from QI Lijing to ZHOU Huilin.	
2019-30	ISO/TC 249 resolves to accept the recommendation of WG4 that N411 Traditional Chinese Medicine--Acupoint Magnetotherapy Plaster [PL: ZHOU Huilin] be revised and then proceed to NP ballot and that KAWAKAMI Minoru [Japan] be added as a project co-leader. Document to be forwarded to the secretariat by August 2nd, 2019.	Complete. The NP ballot result is positive and the allocated ISO number is 22587.
2019-31	ISO/TC 249 resolves to accept the recommendation of WG4 that N1038 Traditional Chinese Medicine--Sample preparation and result of smoke density test [PL: KWON Osang] proceed to DTR ballot after WG consultation.	According to suggestions from ISO/CS, this project is more suitable to be TS rather than TR. The committee approved this change and made the resolution to proceed it to NP ballot (resolution 425).
2019-32	ISO/TC 249 resolves to accept the recommendation of WG4 that ISO/NP TS 20498-3 Traditional Chinese medicine--Computerized tongue image analysis system--Part 3: Colour chart [PLs: MIYAKE Yoichi, KIM Jihye, ZHANG Haiming, ZHOU Huilin] be revised and then proceed to DTS ballot.	Complete. ISO/TS 20498-3 was published on 2020-04-17.
2019-33	ISO/TC 249 resolves to accept the recommendation of WG4 that ISO/NP TR 20498-4 Traditional Chinese medicine--Computerized tongue image analysis system--Part 4: Peripheral visual instruments [PLs: MIYAKE Yoichi, GAO Shan, KIM Jihye, YUAN Xiaoning (James), ZHOU Huilin] be revised and then proceed to DTR ballot.	According to suggestions from ISO/CS, this project is more suitable to be TS rather than TR. After CIB in TC 249, the committee agreed to change this project from TR to TS. This project is under proof checking for publication.
2019-35	ISO/TC 249 resolves to accept the recommendation of WG 5 that ISO/NP 23961-1 Traditional Chinese Medicine--Vocabulary for Diagnostics--Part 1: Tongue [PLs: WANG Yiqin, Ted KLEIN] be revised and circulate the document to WG5 and the project leaders submit the revised draft along with comment disposition to TC249 secretariat by 2 nd September 2019 for 8-week CD ballot.	Complete. The CD ballot result is positive.
2019-36	ISO/TC 249 resolves to accept the recommendation of WG 5 that ISO/NP 23961-2 Traditional Chinese Medicine--Vocabulary for Diagnostics--Part 2: Pulse [PLs: WANG Yiqin, Ted KLEIN, KANG Heejung] be revised and circulate the document to WG5 and the project leaders submit the revised draft along with comment disposition to TC249 secretariat by 2 nd September 2019 for 8-week CD ballot.	Complete. The CD ballot result is positive.
2019-38	ISO/TC 249 resolves to accept the recommendation of JWG 1 that ISO/AWI 23963-1 Requirement for process traceability system of Chinese materia medica and decoction pieces	Complete. The CD ballot result is positive.

	--Part 1: Components [PLs: LIAO Liping, Thomas FRIEDEMANN] proceed to 8-week CD ballot targeting IS and instruct TC 215 secretariat to launch the parallel CD ballot. The project leader shall submit revised document and updated comment disposition to the TC 249 secretariat by Jan 15th, 2020.	
2019-39	ISO/TC 249 resolves to accept the recommendation of JWG 1 that ISO/AWI 23963-2 Traditional Chinese medicine--Requirement for process traceability system of Chinese materia medica and decoction pieces--Part 2: Electronic labelling [PLs: WU Peikai, Thomas FRIEDEMANN] proceed to 8-week CD ballot targeting IS and instruct TC 215 secretariat to launch the parallel CD ballot. The project leader shall submit revised document and updated comment disposition to the TC 249 secretariat by Jan 15th, 2020.	Complete. The CD ballot result is positive.
2019-41	ISO/TC 249 resolves to accept the recommendation of JWG6 that PWI 22465 Traditional Chinese Medicine -- Electrical Cupping Device [PL: SHIN Sanghoon] be revised and then proceed to NP ballot.	Complete. The NP ballot result is negative, and it has been allocated to WG4 as PWI due to the disbanding of JWG6.

8. Summary of WG virtual meetings from June to Sept 2020

The following 10 virtual sessions of Working Groups were held from June to September 2020,

WG	Meetings held	Number of participants
WG1	June 1, 2020	78
WG2	June 3, 2020	42
WG3	June 9, 2020	38
	August 18, 2020	35
WG4	June 3, 2020	50
	June 10, 2020	47
WG5	June 2, 2020	53
	June 8, 2020	44
JWG1	July 15, 2020	36
	September 29, 2020	29

The active participation reflects the importance and need that members place on the work of ISO/TC 249. After validating each recommendation out of WG online meetings,

the TC249 secretariat has circulated two sets of draft resolutions to the committee for approval and is now progressing the technical work of each WG in accordance with the approved resolutions. WG1 planned to hold virtual meetings to discuss the new NWIPs starting from December 2020.

9. ISO Documents – New platform to replace ISO e-Committees

In April 2019, the Information Technology Strategic Advisory Group (ITSAG) endorsed the recommendation from ISO/CS to replace ISO eCommittees with a new platform: ISO Documents. Since then, the project team worked with an early adopter groups representing the ISO Community to launch a pilot of the new tool in January 2020.

From January to June 2020, the pilot successfully on-boarded over 14,000 officers/experts and their 280'000 documents thereby confirming the new platform with respect to its capacity to host ISO documents, ensure the integrity and traceability of the existing content and offer a streamlined and seamless experience to users. Thanks to the close collaboration between AFNOR, DIN and the project team, all ISO committee documents will now be managed centrally on the ISO Documents platform.

As mentioned previously on [ISO Connect](#), the project team is now ready to launch the general on-boarding to this innovative and intuitive path to familiar content in the following 3 waves:

- 29th September 2020
- end-October 2020
- end-November 2020

To facilitate the on-boarding process, full committee structures will be on-boarded in each wave. **Our structure will be onboarded on November 3rd, 2020.** All working documents will be found on the new ISO Documents platform with continued access to folders and documents throughout migration.

Detailed information on the project, upcoming training dates and next steps can be found on the [ISO Document Webpage](#).

10. ISO intellectual property and technical policies

ISO had published a number of brochures and materials to ensure an ISO expert understand and accept ISO's copyright and data protection policy. It is very important to comply with ISO policies when participating in the ISO standards development process. The TC249 secretariat summarized the following policies developed by ISO and a guidance on publishing publicly available information about ISO/TC 249 drafted by the secretariat in 2018,

- [ISO copyright](#) and [trademark](#) issues such as the copyrighted material including ISO standards and pages with ISO logos (<https://www.iso.org/declaration-for-participants-in-iso-activities.html>)
- [data protection policies](#) (<https://www.iso.org/iso-member-data-protection-policy.html>) such as the names of participants without express permission, and
- [policies for participants in ISO work](#) such as committee documents with detailed quoted comments, voting results, etc. (<https://www.iso.org/publication/PUB100382.html>)
- N 1093 Guidance on publishing publicly available information about ISO/TC 249

11. Standards quality evaluation work by TC249 secretariat

The numbers of on-going projects and new proposals are increasing steadily. Throughout the last couple of years, emphasis was being placed on strictly assessing the need and demand for a new standard and the available resources within the committee to undertake the development work in a timely and expert manner.

Besides measurements adopted to assist with the new proposals, the secretariat is

now exploring approaches to evaluate the quality of the published standards. We appreciate input from our experts as well as relevant organizations so that the quality of TC249 publications can be progressively improved.

12. The 11th plenary meeting of ISO/TC249

As the global impact of COVID-19 became apparent, the Chair, Prof Shen Yuandong and the secretariat will provide any guidance and support and work together with our experts on virtual development of the committee. We will continue evaluating the situations of holding the next face-to-face plenary meeting with the confirmed venue in Arnhem, the Netherlands and communicate with TC members on a regular basis.