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# **PROCEEDINGS**

**SEVENTEENTH (17<sup>TH</sup>) MEETING**

**OF**

**MEDICAL EQUIPMENT AND HOSPITAL PLANNING**

**DIVISION COUNCIL**

**(MHDC)**



**BUREAU OF INDIAN STANDARDS (BIS)**

**NEW DELHI**

<b>Technical Committee</b>	<b>Meeting No:</b>	<b>Date, Day, Time</b>
<b>Medical Equipment and Hospital Planning Division Council (MHDC)</b>	Seventeenth (17 <sup>th</sup> )	27 March 2024 Wednesday 11:00 hrs
Mode : Hybrid		
<b>Venue</b> Blue Room, BIS HQ, Manak Bhavan, 9, BSZ Marg, New Delhi - 110 002		
<b>Chairperson</b> Dr. Chander Shekhar ( <i>Personal capacity</i> ) Ex-Additional DG ICMR, New Delhi	<b>Member Secretary</b> Shri. A R Unnikrishnan Scientist G/ Head (MHD) BIS, New Delhi	

## INDEX

<b>Item No:</b>	<b>Subject</b>	<b>Page No:</b>
<b>0</b>	<b>GENERAL</b>	<b>1</b>
<b>1</b>	<b>CONFIRMATION OF THE PROCEEDINGS OF PREVIOUS MEETING</b>	<b>2</b>
<b>2</b>	<b>ACTIONS TAKEN ON THE DECISIONS OF PREVIOUS MEETING</b>	<b>2</b>
<b>3</b>	<b>SCOPE AND COMPOSITION OF MHDC</b>	<b>2</b>
<b>4</b>	<b>REVIEW AND RECONSTITUTION OF SECTIONAL COMMITTEES</b>	<b>4</b>
<b>5</b>	<b>TRANSFER OF SUBJECTS/ INDIAN STANDARDS</b>	<b>5</b>
<b>6</b>	<b>PROGRESS ON TECHNICAL WORK - NATIONAL</b>	<b>5</b>
<b>7</b>	<b>PROGRESS ON TECHNICAL WORK – INTERNATIONAL</b>	<b>6</b>
<b>8</b>	<b>STRENGTHENING THE STANDARDISATION ECO-SYSTEM</b>	<b>6</b>
<b>9</b>	<b>PRIORITY AREAS IN STANDARDS DEVELOPMENT</b>	<b>7</b>
<b>10</b>	<b>KEY DEVELOPMENTS</b>	<b>7</b>
<b>11</b>	<b>ADVISORY GROUP ON SUSTAINABILITY</b>	<b>7</b>
<b>12</b>	<b>ANY OTHER BUSINESS WITH THE PERMISSION OF THE CHAIR</b>	<b>7</b>
	<b>LIST OF PARTICIPANTS – ANNEX A</b>	<b>8</b>

## **ITEM 0 GENERAL**

### **0.1 Welcome Address by BIS**

Shri A.R.Unnikrishanan, Sc-G and Head (MHD), welcomed all the members to the 17<sup>th</sup> meeting of Medical Equipment & Hospital Planning Division Council.

He informed that 2023 has been a year of transformation in BIS. Lots of changes have happened in all activities in BIS. He highlighted the process reforms in Standardization which were implemented with the purpose of elevating BIS to the level of one of the best SDOs in the world.

With the approval of National Medical Devices Policy, 2023, the role of BIS as Standards Setting Body has been enhanced. Various responsibilities have been assigned to BIS in order to ensure that there are Indian Standards for various categories of Medical Devices. Medical Equipment and Hospital Planning Department (MHD) has also come into the limelight with its efforts on national and international standardization activities.

He emphasized on the important initiatives undertaken by BIS to improve efficiency of the Technical Committees. He expressed happiness over the improvement in participation by the Technical Committee members during the last few months.

He said that lot of Standards Development activities are happening in MHD with the active support of Officers, contributions by Committee Members, Experts and Chairs of TCs as well as guidance of MHDC through its members and Chair. He expressed his deep gratitude to all for their extensive support in the national standards setting process.

He concluded by saying that there are lots of duties and responsibilities that need to be fulfilled by every individual while being a part of BIS for Standards Development, which would highlight the commitment of BIS towards achieving the objectives of UN SDG 3.

### **0.2 Opening Remarks by Chairperson**

Dr. Chander Shekhar, Chairperson, appreciated and praised BIS for its commitment towards standard formulation. He appreciated the improvement in the quantum of work of MHD wrt the documents under development at various stages.

He was also happy note that MHD is actively involved in spreading awareness on the standardization efforts to different sectors within and outside the country through various programmes including active participation in international standardization.

He expressed appreciation towards officers, chairpersons, and committee members for their diligent efforts, recognizing their indispensable contributions to the accomplishments of various Technical Committees in MHD.

## ITEM 1 CONFIRMATION OF THE PROCEEDINGS OF PREVIOUS MEETING

1.1 The proceedings of 16<sup>th</sup> Meeting of MHDC held on 9 Feb 2023 approved by Chairperson was circulated to all members vide letter reference MHDC dated 17 Feb 2023.

1.2 As no comments have been received, the Council confirmed the proceedings of 16<sup>th</sup> Meeting of MHDC.

## ITEM 2 ACTIONS TAKEN ON THE DECISIONS OF PREVIOUS MEETING

2.1 The summary of actions taken on the decisions of 16<sup>th</sup> meeting of MHDC is given below:

Item No:	Subject	Actions Taken
4.3.2	<b>Change in Scope of SC - Council</b> advised MHD 17 ‘Health Informatics’ Sectional Committee to look into the scope and consider modifying as “ <i>Standardization in the field of health informatics for healthcare systems</i> ”.	Scope of MHD 17 has been modified as “ <i>Standardization in the field of health informatics, to facilitate capture, interchange and use of health-related data, information, and knowledge to support and enable all aspects of health systems</i> ” in line with the Scope of ISO/TC 215, the ISO liaison Committee for MHD 17.

2.2 The Council noted the Action Taken as given above.

2.3 The Council further suggested to explore the possibility of including Artificial Intelligence (AI) in the scope of MHD17 to formulate horizontal standards for AI in Healthcare whereas Application-specific standards can be taken up by other TCs of MHD.

## ITEM 3 SCOPE AND COMPOSITION OF MHDC

3.1 The present Scope of MHDC is as follows:

*Standardization in the field of medical equipment, surgical equipment, artificial limbs, rehabilitation equipment, diagnostic kits, veterinary surgery instruments, dental equipment, health informatics including AYUSH informatics, laboratory instruments and equipment, hospital biomedical waste management and infection control, medical bio-technology and medical nanotechnology, hospital planning and health care services including medical laboratories, biological evaluation of in-vitro diagnostic medical devices, medical electrical equipment, anatomy equipment, and forensic sciences equipment.*

3.1.1 The Council noted the scope of MHDC.

3.2 The Council noted the constitution of MHDC.

3.3 The Council noted the co-option of Public Health Foundation of India (PHFI) in MHDC.

3.4 The Council noted the present composition of MHDC along with participation status of members and reviewed the composition.

3.4.1 The Council recommended to remove the following Organizations considering them inactive:

<b>Sl. No.</b>	<b>Organization</b>	<b>Remarks</b>
1.	All India Instrument Manufacturers and Dealers Association, Mumbai	No response
2.	Dental Council of India, New Delhi	No participation even after fresh nomination of Principal Member
3.	LINDE India Limited, Navi Mumbai	No contacts and response
4.	Ministry of Railways, New Delhi	No response
5.	National Academy of Medical Sciences, New Delhi	No response
6.	Speedway Surgical Company, New Delhi	Removed from other TCs due to inactive participation
7.	The Surgical Manufacturers and Traders Association, New Delhi	No response

3.4.2 The Council decided to seek revised nominations from the following organizations:

<b>Sl. No.</b>	<b>Organization</b>
1.	Armed Forces Medical College, Pune
2.	Indian Institute of Technology, Delhi
3.	Institute of Postgraduate Medical Education and Research, Kolkata
4.	Maulana Azad Medical College, New Delhi
5.	NITI Aayog, New Delhi
6.	Post Graduate Institute of Medical Education and Research, Chandigarh
7.	Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram
8.	TUV Rhineland (India) Private Limited, Mumbai

3.4.3 The Council recommended to send reminder to the following organizations and remove them in case no response is received:

Sl. No.	Organization
1.	Indian Dental Association, Mumbai
2.	Indian Medical Association, New Delhi

3.4.4 The Council recommended to co-opt NIPER, Ahmedabad and also any other relevant organizations for which the members were requested to provide inputs.

#### **ITEM 4 REVIEW AND RECONSTITUTION OF SECTIONAL COMMITTEES**

4.1 MHD 03 ‘Obstetric and Gynecological Instruments and Appliances’ Sectional Committee in its 19<sup>th</sup> meeting held on 11 Aug 2023 reviewed its scope and decided to modify the scope as follows:

Existing Scope	Modified Scope
To formulate Indian Standards for instruments, appliances, and medical devices, used in obstetrics and gynecology and for contraception.	To formulate Indian Standards for instruments, appliances, medical devices used in obstetrics and gynecology and for contraception <i>and STI barrier prophylactics.</i>
To coordinate with the work of ISO/TC 157 ‘Non-systemic contraceptives and STI barrier prophylactics.’	To coordinate with the work of ISO/TC 157 ‘Non-systemic contraceptives and STI barrier prophylactics.’

4.1.1 The Council approved the modified scope of MHD 03.

4.2 The Council noted the details of BIS Sectional Committees.

4.3 The Council noted the Scope and Composition of Sectional Committees under MHDC.

#### **4.4 Co-option/Removal of Members in Sectional Committees**

4.4.1 The Council approved the new co-options and removal of Members.

#### **4.5 Appointment/Re-appointment of Chairpersons of Sectional Committees**

4.5.1 The Council noted the Appointment/Re-appointment of Chairpersons their term.

4.5.2 The Council expressed its sincere appreciation for the efforts of Chairpersons who have been relieved of the responsibilities of the Chair entrusted to them.

## **ITEM 5      TRANSFER OF SUBJECTS/ INDIAN STANDARDS**

### **5.1      Transfer of Subjects/ Indian Standards from Other Division Councils to MHDC**

5.1.1    The Council noted that no proposals have been received.

### **5.2      Transfer of Subjects/ Indian Standards from MHDC to Other Division Councils**

5.2.1    The Council noted that no proposals have been received.

### **5.3      Transfer of Subjects/ Indian Standards within Sectional Committees of MHDC**

5.3.1    The Council noted the list of ISs transferred.

### **5.4      Transfer of ISO/IEC TCs from Other Division Councils to MHDC**

5.4.1    The Council noted the list of TCs transferred.

### **5.5      Transfer of ISO/IEC TCs from MHDC to Other Division Councils**

5.5.1    The Council noted that no proposals have been received.

### **5.6      Withdrawal of Indian Standards**

5.6.1    The Council noted the list of Indian Standards withdrawn.

### **5.7      Archiving of Indian Standards**

5.7.1    The Council noted the list of Indian Standards archived.

## **ITEM 6      PROGRESS ON TECHNICAL WORK - NATIONAL**

### **6.1      Programme of Work (POW)**

6.1.1    The Council noted the work programme.

### **6.2      Progress of Work**

6.2.1    The Council noted the details of meetings held.

6.2.2    The Council noted the progress of development of ISs024.



## **ITEM 7      PROGRESS ON TECHNICAL WORK – INTERNATIONAL**

### **7.1      Participating (P) Membership in ISO/IEC**

7.1.1    The Council noted the details of membership held in various TCs/SCs of ISO/IEC.

### **7.2      Participation in ISO/IEC Standards Development Activities**

7.2.1    The Council noted the details of participation in ISO/IEC Committee meetings.

### **7.3      Harmonization of Indian Standards with International Standards**

7.3.1    The Council noted the details of harmonization.

## **Item 8      STRENGTHENING THE STANDARDISATION ECO-SYSTEM**

### **8.1      Initiatives in Standards Formulation**

#### **8.1.1    Standards National Action Plan (SNAP) 2022-27**

8.1.1.1    The Council noted the details of SNAP 2022-2027.

#### **8.1.2    Standardization Cells in Ministries/Departments and Industry Associations as Institutional Mechanism for Formulation and Review of Standards**

8.1.2.1    The Council noted the details of Standardization Cells.

#### **8.1.3    MoUs with Premier Academic Institutions**

8.1.3.1    The Council noted the details on MoUs.

#### **8.1.4    Research as an integral part of Standards Formulation**

8.1.4.1    The Council noted the details of subjects for R&D.

### **8.2      Process reforms in Standards Formulation Process**

#### **8.2.1    Annual Plan for Standardization (APS)**

8.2.1.1    The Council noted the details of APS 2024-2025.

#### **8.2.2    Annual Meeting Calendar (AMC)**

8.2.2.1    The Council noted the schedule of annual meetings.

8.2.2.2 The Council noted the details on conducting of meetings.

8.2.2.3 The Council noted the details on Resolutions.

## **ITEM 9 PRIORITY AREAS IN STANDARDS DEVELOPMENT**

### **9.1 Assigning priority for Standards setting of Medical Devices**

9.1.1 The Council noted the list of products for BIS standardization.

9.1.2 The Council noted the ongoing standardization activities of Essential Assistive Products.

## **ITEM 10 KEY DEVELOPMENTS**

### **10.1 Strategic Partnership with ‘MedTech Mitra’ - an ICMR-NITI Aayog initiative**

10.1.1 The Council noted the association with ‘MedTech Mitra’.

### **10.2 Awareness Webinar with Medical Colleges**

10.2.1 The Council noted the initiatives on awareness webinar with medical colleges.

## **ITEM 11 ADVISORY GROUP ON SUSTAINABILITY**

11.1 The Council advised to reach out to prominent Medical Devices manufacturers who are Sectional Committee members and consider engaging the experts from their sustainability teams.

## **ITEM 12 ANY OTHER BUSINESS WITH THE PERMISSION OF THE CHAIR**

12.1 The Council commended the standardization efforts of BIS in healthcare sector that would enable India to attain the highest possible level of “Good Health and Well-being”.

12.2 There being no other business, meeting ended with a hearty vote of thanks to the Chair.

12.3 The list of participants is given at *Annex A*.

**ANNEX-A**

**LIST OF PARTICIPANTS**

1. Chairperson: Dr Chander Shekhar (In Personal Capacity)
2. Member Secretary: Shri A.R. Unnikrishnan, Scientist 'G', Head (MHD)

***Members (in person)***

<b>Sl. No.</b>	<b>Organization</b>	<b>Member</b>	<b>Role</b>
3.	Individual Capacity	Dr Deepak Kumar Satsangi	Chairperson, MHD 06
4.	CII, New Delhi	Shri Vibhav Garg	Principal Member
5.	ICMR, New Delhi	Dr. Suchita Markan	Principal Member
6.		Dr. Jyothi Bhatra	Representative

***Members (online)***

<b>Sl. No.</b>	<b>Organization</b>	<b>Member</b>	<b>Role</b>
7.	MAMC, New Delhi	Dr Pawanindra Lal	Chairperson, MHD 01
8.	Individual Capacity	Dr Sudhir Kumar	Chairperson, MHD 02
9.	Individual Capacity	Dr Suneeta Mittal	Chairperson, MHD 03
10.	UCMS, New Delhi	Dr Jolly Rohatgi	Chairperson, MHD 05
11.	SRM Dental College, Chennai	Dr N Gopi Chander	Chairperson, MHD 08
12.	AIIMS, New Delhi	Dr. Sanjay Wadhwa	Chairperson, MHD 09
13.	AIIMS, New Delhi	Dr Sudip Datta	Chairperson, MHD 10
14.	Individual Capacity	Dr G D Puri	Chairperson, MHD 11
15.	Individual Capacity	Lt. Gen. Sunil Kant VSM	Chairperson, MHD 12
16.	Individual Capacity	Dr K M L Pathak	Chairperson, MHD 13
17.	Individual Capacity	Dr. Anil Kumar	Chairperson, MHD 14
18.	IITM, Chennai	Prof S. Ramakrishnan	Chairperson, MHD 15
19.	Individual Capacity	Dr Reba Chhabra	Chairperson, MHD 19
20.	Individual Capacity	Dr Charoo Hans	Chairperson, MHD 21
21.	MAMC, New Delhi	Dr Sabita Mishra	Chairperson, MHD 23
22.	ALIMCO, Kanpur	Shri A K Singh	Alternate Member

23.	AIMED, New Delhi	Shri Praveen Kumar Sharma	Principal Member
24.	CDSCO, New Delhi	Ms. Shyamni Sasidharan	Representative
25.	DoH&FW, Government of Gujarat	Shri R Dixit	Principal Member
26.	DoP, New Delhi	Shri Himanshu Roy	Alternate Member
27.	Hindustan Syringes and Medical Devices Limited, Ballabgarh	Shri Upinder Vishen	Principal Member
28.	KIHT, Vishakhapatnam	Shri Dilip Kumar Chekuri	Alternate Member
29.	NABL, Gurugram	Shri Pankaj Johri	Alternate Member
30.	Philips India Limited, Gurugram	Shri A V A Rajendra Prasad	Alternate Member
31.	PHFI, New Delhi	Shri Dilip Kumar Jha	Alternate Member
32.	Siemens Healthcare Private Limited, Mumbai	Shri A. Ganesh Kumar	Alternate Member
33.		Shri Alexander Falcao	Representative

### **BIS Directorate General**

<b>Sl. No.</b>	<b>Name</b>	<b>Designation</b>
34.	Ms. Uroosa Warsi	Scientist C
35.	Shri Prashanth Vinjamuri	Scientist C
36.	Ms Gurpreet Kaur Bhombra	Scientist C
37.	Ms Nagavarshini	Scientist C
38.	Shri Vinit Vidhyadhar Bansod	Scientist C
39.	Shri Satyam Rathore	Scientist B
40.	Ms Harshada Ganesh Kadam	Scientist B
41.	Shri Pawan Kumar	Scientist B
42.	Shri Karthik Reddy	Scientist B