

**BUREAU OF INDIAN STANDARDS**  
**MEDICAL EQUIPMENT AND HOSPITAL PLANNING**  
**DEPARTMENT (MHD)**

## **MINUTES**

<b>Sectional Committee</b>	<b>Meeting No:</b>	<b>Date, Day &amp; Time</b>
Neurosurgery Instruments, Implants & Accessories Sectional Committee (MHD 07)	17	26 September 2024 11 : 00 AM Thursday
<b>Chairperson</b>  Dr. Daljit Singh Director, Professor & Head, Department of Neurosurgery, G B Pant Hospital, New Delhi	<b>Member Secretary</b>  Harshada Ganesh Kadam Scientist B/ Assistant Director, Bureau of Indian Standards	

*The List of Participants is attached in Annex A*

### **ITEM 0 GENERAL**

#### **0.1 WELCOME ADDRESS BY MEMBER SECRETARY**

Ms. Harshada Kadam the Member Secretary of MHD 07 welcomed the members to the 17th meeting of the Neurosurgery Instruments, Implants & Accessories Sectional Committee. She appreciated the members present for sparing their valuable time to participate in this meeting. The meeting commenced with the introduction of the members

#### **0.2 OPENING REMARKS BY CHAIRPERSON**

The Chairperson extended a warm welcome to the Member Secretary, Ms. Harshada Kadam and all the members of the committee, expressing the committee's commitment to providing her with maximum support. He congratulates to committee and appreciated the work of the member secretary related to Pre-2000 standards

**ITEM 1 CONFIRMATION OF MINUTES OF THE PREVIOUS MEETING**

- 1.1 The Committee formally confirmed the minutes of the last meeting of the Neurosurgery Instruments, Implants & Accessories Sectional Committee, and MHD 07 held on 26 June 2024.
- 1.2 The Committee noted the Item 1.2 of the agenda.

**ITEM 2 SCOPE AND COMPOSITION OF SECTIONAL COMMITTEE**

- 2.1 The Committee noted the Item 2.1 of the agenda.
- 2.2 The committee noted the Item 2.2 of the agenda
- 2.3 The committee noted the Item 2.3 of the agenda
- 2.4 The committee noted the Item 2.4 of the agenda
- 2.5 The committee noted the Item 2.5 of the agenda
- 2.6 The committee noted the Item 2.6 of the agenda

**ITEM 3 DRAFT STANDARDS / AMENDMENTS FOR FINALIZATION**

- 3.1 The committee noted the Item 3.1 of the agenda

**ITEM 4 DRAFT STANDARDS/AMENDMENTS FOR APPROVAL FOR WIDE CIRCULATION**

- 4.1 The Committee deliberated and requested to Member Secretary to circulate the draft document within committee via email for the period of 30 days, and If no comments are received, the same shall be finalized after consultation with the chairperson and circulated as a wide circulation draft.

<b>Sl. No.</b>	<b>Document No.</b>	<b>Title</b>	<b>Remarks</b>
1.	MHD/07/26392	Specification for Single Channel Physiological Recorder	The Committee deliberated and requested to Member Secretary to circulate the draft document within committee via email for the period of 30 days, and If no comments are received, the same shall be finalized after consultation with the chairperson and circulated as a wide circulation draft.

2.	MHD/07/26390	Specification for Intracranial Pressure Monitors	The committee suggested to take inputs from Medtronics Pvt Ltd and Johnson & Johnson
3.	MHD/07/26391	Specification for Electroconvulsive Therapy Machine	The committee suggested to co-opt the physiatrist doctor for more deliberation on the subject and start work in relevant panel
4.	MHD/07/26388	Specification For Algometer	The Committee deliberated and requested to Member Secretary to circulate the draft document within committee via email for the period of 30 days, and If no comments are received, the same shall be finalized after consultation with the chairperson and circulated as a wide circulation draft.

4.2 The committee noted the Item 4.2 of the agenda

#### **ITEM 5 DRAFT UNDER PREPARATION**

5.1 The committee deliberated and decided to following documents.

	<b>Title</b>	<b>Committee deliberation</b>
1	Computer Assisted Surgical	The committee noted the work of Neuronavigation system working group
2	Stereotactic system	The committee deliberated and requested to member Secretary to take inputs from stereotactic system stakeholder
3	Endoscope Brain Spine	The committee deliberated and requested Medtronic Pvt ltd and Karl Storz to submit the draft documents for the Endoscope Brain Spine
4	Spine Implant	The committee deliberated and requested Johnson and Johnson Pvt Ltd to submit the draft documents for the Spine Implant

5	Intracranial Stents	The committee deliberated and requested Medtronic Pvt ltd and Karl Storz to submit the draft documents for the Intracranial Stents
6	Leyla retractor and flow diverters	The committee observed and deliberated the Leyla retractor and flow diverters both are different subjects they suggested to member secretary to keep the both subjects as a different two subject.  1. Leyla Retractor 2. Flow diverters
7	Bipolar Cautery	The committee deliberated and decided to formulate the working group for Bipolar Cautery Subject
8	Vagal Nerve Stimulator	The committee deliberated and requested to member Secretary to take inputs from vagal nerve stimulator stakeholder
9	IONM -Intra operative neuro monitoring system	The committee deliberated and requested Medtronic Pvt ltd and Karl Storz to submit the draft documents for the IONM -Intra operative neuro monitoring system
10	Coils for aneurysm	The committee deliberated and requested Johnson and Johnson Pvt Ltd to submit the draft documents for the Coils for aneurysm

5.2 The committee deliberated and decided to circulate the draft document within committee and with Mr. Ashok Raghvannair for the period of 15 days, and If no comments are received, the same shall be finalized after consultation with the chairperson and circulated as a Preliminary draft.

Sr.No	Title
1.	Leyla Retractor

### 5.3 Structure of Technical Committee Group

#### a) Neuronavigation system Working Group

<b>Sr.No</b>	<b>Name</b>	<b>Organization</b>	<b>Role</b>
1.	Mr. Naveen Khanna	AIMED	Convener
2.	Dr. Harsh Deora	SBSSI	Expert
3.	Mr. K. Puhazhendi	AIMED	Expert

The Committee observed that Mr. Pranav K. Dutta has not been reachable from the last 4-5 months, so the Committee decided to co-opt HRS Navigation, Medtronic Pvt Ltd and Shri Ashok Kumar Raghavan Nair in the panel in place of Mr Pranav K Dutta.

#### **b) Bipolar Cautery Working Group**

The committee deliberated and decided to formulate the new working group for Bipolar cautery and co-opt the following organizations in the working group

<b>Sr.No</b>	<b>Name of the Organization</b>	<b>Role</b>
1.	Medtronics Pvt Ltd	Convener
2.	Johnson & Johnson Pvt Ltd	Expert
3.	Eclips Pvt Ltd	Expert

#### **5.4 Structure of technical Committee – Panel in TC**

The committee deliberated and decided to formulate the working Panels under MHD07 technical committee and co-opt the following organization in respective Panels.

##### **a) Neurosurgical Instruments:**

<b>Sr. No</b>	<b>Name</b>	<b>Organization</b>	<b>Role</b>
1.	Mr. Kailash Khatod	Medtronics Pvt Ltd	Convener
2.	Dr. Harsh Deora	SBSSI	Expert

##### **b) Neurosurgical Implants:**

<b>Sr. No</b>	<b>Name</b>	<b>Organization</b>	<b>Role</b>
1.	Mr. Naveen Khanna	AIMED	Convener
2.	Mr. Kailash Khatod	Medtronics Pvt Ltd	Expert
3.	Dr. Harsh Deora	SBSSI	Expert

##### **c) Neurosurgical Accessories:**

<b>Sr. No</b>	<b>Name</b>	<b>Organization</b>	<b>Role</b>
1.	Mr. Kailash Khatod	Medtronics Pvt Ltd	Convener
2.	Dr. Harsh Deora	SBSSI	Expert

**d) Neurosurgical Monitoring devices:**

<b>Sr. No</b>	<b>Name</b>	<b>Organization</b>	<b>Role</b>
1.	Mr. Hemant	HRS Navigation	Convener
2.	Mr. Kailash Khatod	Medtonics Pvt Ltd	Expert
3.	Dr. Harsh Deora	SBSSI	Expert

5.5 The Committee noted the Item 5.5 of the agenda.

**ITEM 6 COMMENTS ON PUBLISHED STANDARDS**

6.1 The Committee noted the Item 6.1 of the agenda.

**ITEM 7 NEW SUBJECTS**

<b>Sr. No</b>	<b>DOP Topics</b>	<b>Remarks</b>
1.	Intra operative Neuro Monitoring System	The committee deliberated and observed that Subject is already take up for standard formulation
2.	Transcranial Magnetic Stimulator	The committee deliberated and observed that Transcranial Magnetic Stimulator (Sr. No 2) and TMS System (Sr. No 4) are the same Subjects and hence decided to consider them as a one subject TMS System .
3.	Epilepsy Monitoring Stimulator	The committee deliberated and decided to take up the subject for standard Formulation
4.	TMS System	Kindly refer the remark Sr.no 2 of agenda item 7
5.	Electronic Balance	The committee deliberated and requested to member secretary to provide more clarification regarding Subject

**ITEM 8 TECHNICAL ISSUES**

8.1 The Committee noted the Item 8.1 of the agenda.

**ITEM 9 INTERNATIONAL ACTIVITIES**

9.1 The Committee noted Item 9.1 of the agenda.

9.2 The Committee noted Item 9.1 of the agenda.

**ITEM 10 PROGRAMME OF WORK**

10.1 The Committee noted the Item 10.1 of the agenda.

**ITEM 11 REVIEW OF INDIAN STANDARDS**

11.1 The Committee noted the Item 11.1 of the agenda.

11.2 The Committee noted the Item 11.2 of the agenda.

**ITEM 12 ISSUES ARISING OUT OF THE PREVIOUS MEETINGS**

12.1 The Committee noted the Item 12.1 of the agenda.

**ITEM 13 DATE AND PLACE OF NEXT MEETING**

13.1 Approved Annual Meeting Calendar for 2023-24

<b>Quarter</b>	<b>Q1 Apr-June 2024</b>	<b>Q2 July-Sept 2024</b>	<b>Q3 Oct-Dec 2024</b>	<b>Q4 Jan-Mar 2025</b>
Date	27 June 2024 , Thursday	26 Sep 2024, Thursday	19 Dec 2024, Thursday	3March 2025, Monday

**ITEM 14 ANY OTHER BUSINESS**

The Committee noted the Item 14 of the agenda.

## Annex A

- List of Participants

S. No.	Organization	Member
1.	G B Pant Hospital, New Delhi	Dr. Daljit Singh
2.	Abbott Healthcare India Private Limited, Mumbai	Ms. Lipi Chakhaiyar
		Ms. Shweta Sharma
3.	Association of Indian Medical Device Industry, New Delhi	Mr. Naveen Khanna
4.	Boston Scientific India Private Limited, Gurugram	Mr. Dev Chopra
5.	Central Drugs Standard Control Organization, New Delhi	Ms. Shyamni Sasidharan
6.	HRS Navigation , Bamglore	Mr. Sanjeev Gautam
7.	Indian Institute of Technology Hyderabad, Hyderabad	Mr. Avinash Eranki
8.	Kalam Institute of Health Technology, Vishakhapatnam	Ms. Divya Anil Patil
		Ms. Purva Suhas Phalke
9.	Karl Storz Endoscopy India Private Limited, New Delhi	Mr. Manish Thakore
10.	Skull Base Surgery Society of India, Chennai	Dr. Harsh Deora
11.	Johnson and Johnson Private Limited, Mumbai	Ms. Aishwarya Chandran
		Ms. Meenakshi Goel
12.	Medtronic India Private Limited, Gurugram	Mr. Himanshu Makhija
		Mr. Sandeep Verma
13.	In Personal Capacity	Mr. Ashok Kumar Raghavan Nair

