

CONFERENCE ON ORTHOPAEDIC IMPLANT-TESTING

AND BIOMECHANICS

Date: 28th & 29th November 2008

Venue: Auditorium, Indian Spinal Injuries Center, New Delhi

Friday 28 th November 2008 Chairpersons: Dr. A.K. Mukherjee, Prof. Sudhir Kapoor		
1	10:00 hrs - 10:20 hrs	Opening remarks ♦ Dr. A.K. Mukherjee, Director General, ISIC, New Delhi
2	10:20 hrs – 10:50 hrs	Methods in biomechanics, an overview ♦ Prof. Dr. habil. Michael M. Morlock , Leiter, Institut für Biomechanik, Hamburg, Deutschland, Germany
3	10:50 hrs – 11:20 hrs	Methods in certified pre-clinical testing, an overview ♦ Dr. Christian Kaddick, CEO, EndoLab GmbH, Thansau, Germany
4	11:20 hrs – 11:50 hrs	Finite Elements ♦ Prof. Puneet Mahajan, Dept. of Applied Mechanics, IIT-Delhi
	11:50 hrs – 12:20 hrs	Discussion
	12:20 hrs – 13:30 hrs	Break Coordinator: Dr. Darshan / Dr. Piyush / Dr. Neeraj
Chairpersons: Dr. Patrick Kluger		
5	13:30 hrs – 13:45 hrs	Loads and Moments, ROM, NZ, ♦ Dr. Shakti Srivastava, Sr. Consultant- Orthopedics & Hand Surgery and Adjunct Faculty, IIT-Delhi
6	13:45 hrs – 14:00 hrs	Fatigue Testing ♦ Dr. Shakti Srivastava, Sr. Consultant- Orthopedics & Hand Surgery and Adjunct Faculty, IIT-Delhi
7	14:00 hrs – 14:15 hrs	Failure Analysis ♦ Dr. Rahul Ribeiro, Visiting Faculty, Dept. of Mechanical Engg., IIT-Delhi
	14:15 hrs – 14:30 hrs	Discussion
Chairpersons: Dr. Christian Kaddick, Prof. Anil Dhal		
8	14:30 hrs – 14:50 hrs	Evolution and stringency of legal regulations for importing, manufacturing, marketing, and use of orthopaedic implants – international overview ♦ Dr. Vishal Nigam, Spine Surgeon, ISIC, Delhi
9	14:50 hrs – 15:20 hrs	Evolution and stringency of legal regulations for importing, manufacturing, marketing, and use of orthopaedic implants in India ♦ Mr. Malay Mitra, Asst. Drug Controller (I), New Delhi
10	15:20 hrs – 15:40 hrs	Orthopaedic implants in the view of public health ♦ Mr. Ajay Pitre, Managing Director, Sushrut Surgicals Pvt Ltd and Vice-Chairman – Medical Equipment Division, The Confederation of Indian Industry (CII), New Delhi.
	15:40 hrs – 16:00 hrs	Discussion
	16:00 hrs – 16:20 hrs	Break
11	16:20 hrs – 16:40 hrs	Clinical pitfalls by requirements not met – quality and affordability – a contradiction? ♦ Dr. J. Maheswari, Chief of Joint Replacement & Athroscopic Surgery, ISIC, New Delhi

12	16:40 hrs – 17:00 hrs	Experience of using Indian and Imported implants ♦ Prof. Arvind Jayaswal, Head of Orthopaedic Department, AIIMS, New Delhi
13	17:00 hrs – 17:25 hrs	State and goals of the Indian orthopaedic implants industry ♦ Mr. Ravi Sarangapani, Vice-President, Sales and Marketing, Sushrut Surgical Pvt. Ltd.
	17:25 hrs – 17:45 hrs	Discussion
	19:00 hrs onwards	Dinner
Saturday 29th November 2008 Chairpersons: Prof. Michael M. Morlock , Dr. Shankar Acharya		
14	09:00 hrs – 09:35 hrs	From idea to implantation – the end-user’s and the patient’s requirements ♦ Prof. Dr.med Roland Wetzel, Orthopaedie Harthausen, Bad Aibling, Germany
15	09:35 hrs -10:10 hrs	From idea to implantation – the surgical author’s requirements ♦ Dr. Patrick Kluger, ex - Chief Spine Surgeon, Stoke Mandeville Hospital, UK
16	10:10 hrs – 10:30 hrs	What does a surgeon expect from the Industry ♦ Dr. Ritabh Kr. Mittal, ISIC, New Delhi
17	10:30 hrs – 11:00 hrs	Optimising orthopaedic implants for patients and industry ♦ Mr. Vineet Kapoor, Managing Director, Synthes India
	11:00 hrs – 11:20 hrs	Discussion
	11:20 hrs – 11:40 hrs	Break
Chairpersons: Dr. R.K. Khetrapal, Dr. Manoj Sharma		
18	11:40 hrs – 12:05 hrs	Technological aspects and international market perspectives in testing machines ♦ Mr. Deepak Kapoor, Mg. Director, Zwick Roell Testing Machines Pvt. Ltd., New Delhi
19	12:05 hrs – 12:30 hrs	Structure and budget of a functioning institute for biomechanics ♦ Prof. Michael M. Morlock, Biomechanics Section, Technical University Hamburg-Harburg, Dennickestrase, Hamburg, Germany
	12:30 hrs – 12:50 hrs	Discussion
20	12:50 hrs – 13:00 hrs	Closing remarks and invitation for brain-storming session after lunch ♦ Dr. H.S. Chhabra, Chief of Spine Service and Medical Director, Indian Spinal Injuries Centre, New Delhi
	13:00 hrs – 14:00	Break
Moderator: Dr. H.S. Chhabra		
21	14:00 hrs – 15:30 hrs	Participants: All speakers and chairs, interested specialists
	15:30 hrs – 15:50 hrs	Break
22	15:50 hrs – 17:00 hrs	Participants: All speakers and chairs, interested specialists
	17:00 hrs onwards	Valedictory
