



**2nd International Workshop on Clinical Spine and Orthopedics Biomechanics
13th to 15th April, 2018
Auditorium, ISIC**

Program

14th April 2018: Clinical spine Biomechanics

Time	Topic
	Session 1
0900-0915	Instability in thoracic and Thoracolumbar Spine- a biomechanical perspective
0915-0930	Biomechanical principles of fixation of thoracolumbar spine
0930-1015	Panel discussion: Design requirements for a thoracic and thoracolumbar spine trauma system
1015-1030	Biomechanics of unstable cervical spine
1030-1045	Biomechanical principles of fixation of cervical spine
1045-1100	Biomechanical peculiarities of instability in junctional regions of spine
1100-1115	Development of Universal Reducer for CV Junction anomalies
1115-1145	Break
1145-1230	Panel discussion: Can we improve the design of cervical spine stabilization systems
1230-1245	Biomechanics of unstable lumbar spine
1245-1300	Biomechanical peculiarities of L5 vertebra
1300-1315	Pathomechanics of SI Joint dysfunction
1315-1330	Biomechanics consideration in sacral & sacropelvic fixation
1330-1415	Lunch
1415-1430	Biomechanical considerations of sagittal imbalance
1430-1445	Biomechanical consideration of coronal imbalance
1445-1530	Panel discussion: Specific design requirements for a spine deformity correction system
1530-1600	Tea
1600-1700	Best Paper Award session (6+2 X7)
1700-1715	How degeneration affects Disc & Spine Biomechanics
1715-1730	Biomechanical considerations in non fusion instrumentation
1730-1745	Effect of osteoporosis on biomechanics of spine
1745-1800	Which pedicle screw augmentation technique provides the best biomechanical strength of construct
1800-1845	Setting up of a Biomechanics laboratory in emerging countries for implant design and testing : Opportunities and the way forward
1845-1915	Best poster presentation award session (3+2X6)
1915 onwards	Dinner