

# HRDC B & B Pediatric Orthopedic Course

17<sup>th</sup>-19<sup>th</sup> Dec., 2018

The Himalayan Horizon, Dhulikhel, Nepal

<b>DAY 1 – PEDIATRIC SPINE DAY</b>			
<b>S. No</b>	<b>Time</b>	<b>Topic</b>	<b>Presenter</b>
	<b>8:00-9:00</b>	<b>REGISTRATION</b>	
<b>SESSION 1: WELCOME AND INTRODUCTION (09:00-10:00)</b>			
<b>Chairperson:</b>			
1	9:00-9:10	WELCOME REMARKS	
2	9:10-9:20	HISTORY OF PEDIATRIC SPINE SURGERY IN NEPAL	Ashok K Banskota
3	9:20-9:30	CLASSIFICATION OF PEDIATRIC SPINAL DEFORMITY	Richard Schwend
4	9:30-9:40	INTRASPINAL PATHOLOGIES ASSOCIATED WITH PEDIATRIC SPINE DEFORMITY AND MANAGEMENT	Prabin Shrestha
5	9:40-9:50	ANAESTHETIC CHALLENGES DURING SURGICAL MANAGEMENT OF PEDIATRIC SPINE DEFORMITY	Prabhat Ranjan Baral
6	9:50-10:00	DISCUSSION	
<b>SESSION 2: PEDIATRIC SPINE TRAUMA (10:00-10:30)</b>			
<b>Chairperson:</b>			
1	10:00-10:10	SPINAL TRAUMA IN CHILDREN: HOW IS IT DIFFERENT FROM ADULT?	Shankar Acharya
2	10:10-10:20	TRAUMATIC SPINAL CORD INJURY IN CHILDREN: EVALUATION, MANAGEMENT	Bimal Kumar Pandey
3	10:20-10:30	DISCUSSION	
<b>SESSION 3: EARLY ONSET SCOLIOSIS (GENERAL) (10:30-11:30)</b>			
<b>Chairperson:</b>			
1	10:30-10:40	EOS-CLASSIFICATION, EVALUATION AND IMAGING	Ignacio Sanpera
2	10:40-10:50	PROGRESSION OF DEFORMITY IN RELATION TO EOS	Gaurav R Dhakal
3	10:50-11:00	GROWTH OF THORAX AND LUNGS IN RELATION TO GROWTH OF NORMAL AND DEFORMED SPINE	Richard Schwend
4	11:00-11:10	NON-INVASIVE OPTIONS OF MANAGEMENT: WHOM AND HOW TO CAST OR BRACE	David Spiegel
5	11:10-11:20	GUIDED GROWTH TECHNIQUES IN EOS	Ignacio Sanpera
6	11:20-11:30	DISCUSSION	
<b>11:30-11:45 - COFFEE BREAK</b>			

**SESSION 4: EARLY ONSET SCOLIOSIS (SPECIFIC) (11:45-13:15)****Chairperson:**

1	11:45-11:55	PREDICTION OF PROGRESSION OF CONGENITAL SCOLIOSIS	Rajesh K Chaudhary
2	11:55-12:05	HEMIVERTEBRA EXCISION: WHEN AND HOW?	Dipak Shrestha
3	12:05-12:15	NEUROMUSCULAR SCOLIOSIS- CHALLENGES IN MANAGEMENT	David Spiegel
4	12:15-13:15	PANEL DISCUSSION ON EOS:- CASE PRESENTATION AND DISCUSSION Moderator: Richard Schwend Presenter: Rajesh K Chaudhary/Ram K Barakoti	Panelist:

**13:15-14:00 - LUNCH BREAK****SESSION 5: ADOLESCENT IDIOPATHIC SCOLIOSIS (14:00-16:00)****Chairperson:**

1	14:00-14:10	DEFINITION, ETIOLOGY AND CLINICAL EVALUATION OF AIS	Richard Schwend
2	14:10-14:20	RADIOLOGICAL EVALUATION AND TERMINOLOGY	Binod Bijukachhe
3	14:20-14:30	HOW TO PREDICT PROGRESSION OF AIS?	Ignacio Sanpera
4	14:30-14:40	LENKE CLASSIFICATION AND SELECTION OF FUSION LEVEL IN AIS	Shankar Acharya
5	14:40-14:50	TECHNIQUES OF DEFORMITY CORRECTION IN AIS	Ignacio Sanpera
6	14:50-15:00	OSTEOTOMIES FOR AIS - WHEN AND HOW	Richard Schwend
7	15:00-16:00	PANEL DISCUSSION ON AIS:- CASE PRESENTATION AND DISCUSSION Moderator: Binod Bijukachhe Presenter: Rajesh K Chaudhary/Ram K Barakoti	Panelist

**16:00-16:15 - TEA BREAK****SESSION 6: SAFE SPINE SURGERY (16:15-16:45)****Chairperson:**

1	16:15-16:30	PREVENTION OF SURGICAL SITE INFECTION AFTER SPINE SURGERY PREVENTION AND MANAGEMENT OF POST-OPERATIVE NEUROLOGICAL DEFICIT	Richard Schwend
2	16:30-16:45	COMPLICATIONS OF THORACIC AND LUMBAR PEDICLE SCREWS ROLE OF INTRA-OPERATIVE NEUROMONITORING	Ignacio Sanpera

**SESSION 7: TUBERCULAR SPONDYLITIS/POST-TUBERCULAR DEFORMITY  
(16:45-18:15)**

**Chairperson:**

1	16:45-16:55	TUBERCULOSIS IN CHILDREN—HOW IS IT DIFFERENT FROM ADULT?	Rupinder Singh Chahal
2	16:55-17:05	MANAGEMENT OF TUBERCULAR SPONDYLITIS IN CHILDREN –CONSERVATIVE OR SURGERY?	Shankar Acharya
3	17:05-17:15	PREDICTION OF DEFORMITY PROGRESSION IN TUBERCULAR SPONDYLITIS IN CHILDREN	Pashupati Chaudhary
4	17:15-17:25	MANAGEMENT OF POST-TUBERCULAR DEFORMITY	Rupinder Singh Chahal
5	17:25-17:35	LATE PRESENTING SEVERE DEFORMITY- SURGERY VS SAFETY	Ram Krishna Barakoti
6	17:35-18:15	PANEL DISCUSSION: CASE PRESENTATION AND DISCUSSION Moderator: ShankarAcharya/Rupinder Singh Chahal Presenter: Rajesh K Chaudhary/Ram K Barakoti	Panelist

**18:15-18:30 - BREAK**

**18:30 ONWARDS - INAUGURATION**

**19:30 ONWARDS - DINNER**

## DAY 2 - PEDIATRIC TRAUMA DAY

S. No	Time	Topic	Presenter
<b>Session 1: LOWER EXTREMITY (09:00-12:45)</b>			
<b>Chairperson:</b>			
1	9:00 – 9:15	PELVIS FRACTURES	Richard Schwend
2	9:15 – 9:30	HIP FRACTURES & DISLOCATIONS	Ignacio Sanpera
3	9:30 – 9:45	FEMORAL SHAFT FRACTURES	David Spiegel
4	9:45 – 10:30	CASE DISCUSSIONS Moderator: Alaric Aroojis Presenter: Bibek Banskota	Panelist
<b>10:30-11:00 - TEA BREAK</b>			
5	11:00 – 11:15	PHYSEAL INJURIES AROUND THE KNEE	David Spiegel
6	11:15 – 11:30	TIBIA FRACTURES	Alaric Aroojis
7	11:30 – 11:45	ANKLE FRACTURES	Ignacio Sanpera
8	11:45 – 12:45	CASE DISCUSSIONS Moderator: Richard Schwend Presenter: Yam P Gurung	Panelist
<b>12:45-13:45 - LUNCH BREAK</b>			
<b>SESSION 2: UPPER EXTREMITY(13:45-18:00)</b>			
<b>Chairperson:</b>			
1	13:45 – 14:00	WRIST AND FOREARM FRACTURES	Richard Schwend
2	14:00 – 14:15	RADIAL NECK AND OLECRANON FRACTURES	David Spiegel
3	14:15 – 14:30	MONTEGGIA FRACTURE DISLOCATIONS	Alaric Aroojis
4	14:30 – 14:45	LATERAL CONDYLE FRACTURES	David Spiegel
5	14:45 – 15:30	CASE DISCUSSIONS Moderator: Ignacio Sanpera Presenter: Tarun Rajbhandari	Panelist
<b>15:30-16:00 - TEA BREAK</b>			
6	16:00 – 16:15	SUPRACONDYLAR FRACTURES	Ignacio Sanpera
7	16:15 – 16:30	MEDIAL CONDYLE & EPICONDYLE FRACTURES	David Spiegel
8	16:30 – 16:45	POST-TRAUMATIC ELBOW DEFORMITIS: CUBITUS VARUS/VALGUS	Bibek Banskota
9	16:45 – 17:00	SHAFT OF HUMERUS FRACTURES	Richard Schwend
10	17:00 – 17:15	PROXIMAL HUMERUS FRACTURES	Alaric Aroojis
11	17:15 – 18:00	CASE DISCUSSIONS Moderator: David Spiegel Presenter: Birendra B Chand	Panelist

## DAY 3: CLUBFOOT AND CEREBRAL PALSY (CP) DAY

S. No	Time	Topic	Presenter/Moderator
<b>SESSION 1: CLUBFOOT (08:45-12:45)</b>			
<b>Chairperson: Ashok K Banskota, Ignacio Sanpera</b>		<b>Moderator: Om P Shrestha</b>	
1	8:45 – 9:00	HISTORY OF CLUBFOOT TREATMENT IN NEPAL	Ishor Pradhan
2	9:00 – 9:15	ETIOLOGY & GENETICS OF CTEV	Ashok K Banskota
3	9:15– 9:30	PATHOANATOMY OF CTEV	Alaric Aroojis
4	9:30 – 9:45	SCORING SYSTEMS	Tarun Rajbhandari
5	9:45 – 10:00	PONSETI TECHNIQUE	Bibek Banskota
6	10:00 – 10:15	COMPLEX CLUBFEET	David Spiegel
<b>10:15 - 10:45 TEA BREAK</b>			
6	10:45 – 11:00	BRACING IN CLUBFOOT	Om P Shrestha
7	11:00 – 11:15	CAUTIONS & COMPLICATIONS	Alaric Aroojis
8	11:15 – 11:30	CLUBFOOT IN OLDER CHILDREN	David Spiegel
9	11:30 – 11:45	CLUBFOOT BEYOND PONSETI	Ashok K Banskota
10	11:45 – 12:45	DEMONSTRATION OF PONSETI TECNIQUE	ALL FACULTY
<b>12:45-13:30 - LUNCH</b>			
<b>SESSION 2: ORTHOPEDIC MANAGEMENT OF CEREBRAL PALSY SESSION (13:30-18:05)</b>			
<b>Chairperson: Ignacio Sanpera, Tarun Rajbhandari</b>		<b>Moderator: Bibek Banskota</b>	
1	13:30 – 13:45	NON-ORTHOPEDIC CONSIDERATIONS IN CP	Shipra Chaudhary
2	13:45 – 14:05	CLASSIFICATION OF CP: SPEAKING A COMMON LANGUAGE	David Spiegel
3	14:05 – 14:35	ORTHOPEDIC ASSESSMENT OF A CHILD WITH CP	Alaric Aroojis
4	14:35 – 15:05	NON-SURGICAL TREATMENT OPTIONS	Tarun Rajbhandari
5	15:05 – 15:25	ASSESSMENT OF GAIT IN CP	Alaric Aroojis
6	15:25 – 15:45	HIP SURGERY IN AMBULATORY PATIENTS: PEARLS & PITFALLS	Bibek Banskota
7	15:45 – 16:05	KNEE SURGERY IN AMBULATORY PATIENTS: PEARLS & PITFALLS	Alaric Aroojis
<b>16:05-16:35 - TEA BREAK</b>			
8	16:35 – 17:05	FOOT & ANKLE SURGERY IN AMBULATORY PATIENTS: PEARLS & PITFALLS	David Spiegel
9	17:05 – 17:35	PRIORITIES IN MANAGING NON-AMBULATORS	Alaric Aroojis
10	17:35 – 18:05	GROUP DISCUSSION: CHALLENGES OF DEVELOPING A CP PROGRAM IN A LMIC	David Spiegel