

Sidra Orthopedic Symposium - 2018 Pediatric Fractures (SOS-I)

October 19, 2018 (Friday)

08:00 - 08:30 Registration
08:30 - 09:00 Opening with Holy Quran and short introduction

MODULE 1: INTRO TO PEDIATRIC ORTHOPEDICS AND UPPER EXTREMITY FRACTURES

OBJECTIVES:

- To describe the physiology of fractures and healing and differentiate pediatric from adult fractures.
- To describe mechanisms of injury and evidence-based treatment of a variety of upper extremity fractures in children.
- To define the role of Occupational Therapy in treatment and rehabilitation of pediatric upper extremity fractures.
- To demonstrate novel surgical techniques for pinning of supracondylar humerus fractures

09:00 - 09:15 Fracture and Healing Biology
09:15 - 09:30 Fracture Prevention in Children
09:30 - 09:45 Pediatric Fractures are not Small Adult Fractures
09:45 – 10:00 Proximal Humerus and Clavicle Fractures
10:05 - 10:20 Medial and Lateral Condyle Fractures
10:25 - 10:40 OT role in Pediatric Fractures
10:45 – 11:00 Supracondylar Humerus Fractures
11:05 - 11:20 Monteggia and Proximal Radius Fractures
11:25 – 12:55 Prayers and Lunch (1 hr 30 mins)
13:00 - 14:00 Workshop (Supracondylar Humerus Fractures)

MODULE 2: NON-ACCIDENTAL INJURIES AND UNUSUAL FRACTURES

OBJECTIVES:

- To describe mechanisms of injury, diagnostic techniques, and appropriate management of non-accidental injuries.
- To describe unusual fracture patterns found in children in Qatar.
- To describe the effects of Vitamin D and obesity on pediatric fractures.
- To describe appropriate techniques for cast care in pediatric fracture patients.

14:05 - 14:20 Non-Accidental Injuries Diagnosis and Management
14:20 - 14:35 Qatar specific fractures
14:35 - 14:50 Cast care in Pediatric Fractures
14:50 - 15:25 Coffee Break and Prayers
15:30 - 15:45 Vit D and Obesity effect on Pediatric Fractures
15:50 - 16:00 Opening and Key Note Lecture Introduction
16:05 - 16:35 Key Note Lecture
16:40 - 16:50 Closure of the day

October 20, 2018 (Saturday)

08:00 - 08:25 Registration

**MODULE 3: PEDIATRIC POLY-TRAUMA AND
LOWER EXTREMITY FRACTURES**

OBJECTIVES:

- To define pediatric poly-trauma and describe the body's response to trauma.
- To describe effective team dynamics in pediatric multi-system trauma.
- To describe mechanisms of injury and evidence-based treatment of a variety of lower extremity fractures in children.
- To define the role of Physical Therapy in treatment and rehabilitation of pediatric lower extremity fractures.
- To discuss challenging pediatric fracture cases and share ideas for evidence-based treatment and best practices in the care of these patients.

08:30 - 08:45 Pediatric Poly-trauma and Body Response
08:45 - 09:00 Team Dynamics in Pediatric Multiple Trauma
09:05 - 09:20 Patellar Instability Management in Children
09:20 - 09:35 Tibial Spine and Tibial Tuberosity Fractures
09:40 - 09:55 Distal Tibia Fractures
10:00 - 10:15 Talus, Calcaneus and Foot Fractures
10:20 - 10:50 Coffee Break
10:55 - 11:10 PT Perspective of Pediatric Fractures
11:15 - 12:00 Challenging Pediatric Fractures
12:05 - 12:55 Prayers and Lunch (50 mins)

MODULE 4: FEMUR FRACTURES

OBJECTIVES:

- To describe mechanisms of injury and evidence-based treatment of pediatric femur fractures.
- To describe evidence-based treatment of slipped capital femoral epiphysis (SCFE).
- To describe a specialized clinic model for management of pediatric fracture patients.
- To demonstrate novel techniques for definitive surgical management of femur fractures

13:00 - 13:15 Pediatric Femur Fractures
13:20 - 13:35 Proximal Femur fractures
13:40 - 14:40 Workshop (Femur Fractures)
14:40 - 15:05 Coffee break and Prayers
15:10 - 15:25 SCFE Bern approach
15:30 - 15:45 Fracture Clinic model in Qatar
15:50 - 16:05 Closure of the symposium.