

# PRELIMINARY PROGRAM

Timings	Session /Presentation		Speaker	
	Thursday 8 November 2018			
7.15am	Tea and Coffee			
	Opening Ceremony			
7.30am to 8.00am	Opening ceremony and Welcome			
	Spine: Normal, Abnormal, Techniques			
8.00am to 10.30am	8.00am	Highlights on Sagittal Balance: What we should know about		
	8.30am	Spectral CT/Dual Energy CT		
	8.45am	DTI of the spinal cord		
	9.00am	Embryology and development of the osseous spine		
	9.15am	Scoliosis and Ageing spine		
	9.30am	Spinal compartments and disease entities		

	9.45am	Dynamic evaluation of the spine		
	10.00am EOS: up-to-date in spine imaging			
	10.15am	Questions and discussion		
10.30am to 11.00 am		Coffee break		
	Degenerative I – Nerve, Disc & Pain			
	11.00am Evidentiary basis of percutaneous discectomy: destroying the disc			
11.00am to 12.30am	11.15pm	New insights into cell/biomaterial based disc therapy: regenerating the disc		
	11.30pm	ESI. Are they still usefull?		
	11.45pm	Neurolysis in back pain management		
	12.00pm	Spinal cord stimulators		
	12.15pm	Headache of cervical spine origin: what can we do?		
	12.30pm	Questions and discussion		
1.00pm to 1.30pm		Lunch Session 1		
1.30pm to 2.00pm	Lunch Session 2			
	Degenerative II – Instability & Joints			
	2.00pm Instability: what a Radiologist should know about			
	2.15pm	The Facet Joint Syndrome		
	2.30pm	RF and Cryoablation of the facet joint		
2.00pm to	2.45pm	Percutaneous fixation of the facets of lumbar spine		
3.45pm	3.00pm	Percutaneous fixation of the facets of cervical spine		
	3.15pm	US guided Spine procedures		

	3.30pm	Questions and discussion		
3.45pm to 4.00 pm	Coffee break			
4.00pm - 5.15pm	Degenerative III – Sacral Pain & Stenosis			
	4.00pm	Anatomy, biomechanics and clinical evaluation of the Sacrum & Sacro-Iliac joint		
	4.15pm	<sup>15pm</sup> Sacral painful diseases: diagnosis and treatment		
	4.30pm	Spinal canal and foraminal stenosis: an overview		
	4.45pm	<sup>5pm</sup> Percutaneous treatment of spinal canal and foraminal stenosis		
	5.00pm	Questions and discussion		
5.15pm		Closing Remarks for the Day		
		Friday 9 November 2018		
7.15am	Tea and Coffee			
	Osteoporosis			
7.30am to 9.00am	7.30am	<ul><li>7.30am</li><li>7.30am</li><li>What impact did the NEJM vertebroplasty studies have on mortality for patients with VCF?</li></ul>		
	7.45am	Osteoporotic fracture vs neoplastic fracture: diagnostic approach		
	8.00am	8.00am		
	8.15am	VP treating porotic fractures: how to avoid complications		
	8.30am	8.30am Up to date on new biomaterials for augmentation		
	8.45am	Questions and discussion		
9.00am to 9.30am	Coffee break			
9.30am to 12.00am	Tumors			

	9.30am	Diagnosis of primary spine tumors		
	9.45am	Diagnosis of secondary spine tumors		
	10.00am	Diagnosis of spinal cord tumors		
	10.15am	Extreme vertebroplasty in neoplastic fractures		
	10:30am	Radioablation of spine tumors		
	10:45am	Cryoablation of spine tumors		
	11:00pm	Minimally invasive treatments for spine metastasis		
	11.15pm	How to avoid complications in vertebral augmentation		
	11.30pm	Microwave ablation of both spinal and extra-spinal osseous tumors		
	11.45pm	pm Questions and discussion		
12.00pm to		Lunch Session 3		
12.30pm 12.30pm to 1.00pm	Lunch Session 4			
	Trauma			
		Update on Cranio-cervical junction and cervical vertebral trauma		
	1.00pm			
	1.00pm			
	1.00pm 1.15pm	Update on thoracolumbar trauma		
1.00pm to		Update on thoracolumbar trauma Non-traumatic Emergency of the Spine		
1.00pm to 3.00pm	1.15pm			
	1.15pm 1.30pm	Non-traumatic Emergency of the Spine		
	1.15pm 1.30pm 1.45pm	Non-traumatic Emergency of the Spine         Trauma spine in Pediatric Age		
	1.15pm 1.30pm 1.45pm 2.00pm	Non-traumatic Emergency of the Spine         Trauma spine in Pediatric Age         Surgical treatment of spine trauma		
	1.15pm 1.30pm 1.45pm 2.00pm 2.15pm	Non-traumatic Emergency of the Spine         Trauma spine in Pediatric Age         Surgical treatment of spine trauma         Mini invasive treatment of spine trauma		

	3.00pm to 3.30pm	Coffee break		
	Inflammation			
	3.30pm The role of the Radiology in Spinal inflammation			
	3.45pm	The role of the Nuclear Medicine in Spinal inflammation		
	4.00pm	Spinal Cord inflammation		
	4.15pm	Spine & Spinal cord inflammation in Pediatrics		
4.00pm to	4.40pm	Role of Spinal cord MRI in MS and other demyeinating diseases		
5.30pm	4.45pm	Up-date on MS protocol		
	5.00pm to 5.30pm	Questions and discussion - Final Diploma Examination		
5.30pm		Closing Remarks for the Day		
			0 November 2018	
	HANDS-ON COURSE AT MATER DEI HOSPITAL DEPT OF RADIOLOGY			
	8:30am Coffee break			
	9.00m	Dose Reduction in Interventional Radiology – The role of the Radiographer		
	9.15am	Anatomical and technical approach for vertebral		
9.00am to 12.30pm	9.30am	Anatomical and technical approach for disk and facet treatment		
	9.45am	Medicolegal aspects in spine interventions		
	10.00am to 12.00pm	"Hands-on" session I	ROOM 1 X-ray guided procedures, Tutor Prof. B. Georgy (San Diego) ROOM 2 X-ray guided procedures, Tutor Prof. R. Grech (Malta) ROOM 3 US guided procedures, Tutor Prof. M. Bellini (Italy) ROOM 4 Simulator, Tutor Prof. J. Hirsch (San Diego)	
	12.00pm- 1:00pm	Lunch		

1.30pm- 5.30pm	1.00pm to 3.00pm	"Hands-on" session II	ROOM 1 X-ray guided procedures, Tutor Prof. B. Georgy (San Diego) ROOM 2 X-ray guided procedures, Tutor Prof. R. Grech (Malta) ROOM 3 US guided procedures, Tutor Prof. M. Bellini (Italy) ROOM 4 Simulator, Tutor Prof. J. Hirsch (San Diego)
	3.00pm to 5.00pm	"Hands-on" session III	<ul> <li>ROOM 1 X-ray guided procedures, Tutor Prof. B. Georgy (San Diego)</li> <li>ROOM 2 X-ray guided procedures, Tutor Prof. R. Grech (Malta)</li> <li>ROOM 3 US guided procedures, Tutor Prof. M. Bellini (Italy)</li> <li>ROOM 4 Simulator, Tutor Prof. J. Hirsch (San Diego)</li> </ul>
5.00pm	Closing Remarks with Vote of Thanks		

# PRELIMINARY FACULTY

## Dr. Hosam F. Alqatami (Doha, Qatar)

Subcommittee Spine, European Society of Neuroradiology ESNR Hamad General Hospital , dept of Neuroradiology - Neuroscience institution, Doha (Qatar)

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**Councillor European Society of Muscoloskeletal Radiology ESSR -** PhD, Professor of Musculoskeletal Radiology. Service de Radiologie B. Hospital Cochin. Université Paris Descartes. Paris (France)

#### Prof Bassem A. Georgy

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