

# AO Spine Principles Seminar—Trauma, Deformity and Tumor

## May 22, 2022 (Sunday)

START	T	END	TIME	DURATION	AGENDA	WHO	MODERATOR	COMMENTATOR
	09:20	09:30	00:10		Opening and Introduction of AO Spine	Cheng-hung Lee		
09:30~ 10:10	09:30	10:10			Foundation knowledge			
	09:30	09:40	00:10		Spinal biomechanics	劉恆維		
	09:40	09:50	00:10		Bone healing and fusion biology on how to achieve a solid fusion	劉恆維		
	09:50	10:00	00:10		Growth of the spine and influence of spinal deformity	張家銘		
	10:00	10:10	00:10		Discussion			
10:10~ 10:50	10:10	10:50			Spine trauma		牛自健, 吳昭慶	
	10:10	10:20	00:10		Cervical trauma classification and management	吳孟庭		
	10:20	10:30	00:10		Thoraco-lumbar spine injury-fracture management and pitfall	鍾玉軒		
	10:30	10:40	00:10		Management for osteoporotic thoracolumbar fractures	鍾玉軒		
	10:40	10:50	00:10		Discussion			
10:50~ 11:20	10:50	11:20	00:30		Coffee break			
11:20~ 12:10	11:20	12:10			Adolescent idiopathic scoliosis			
	11:20	11:30	00:10		Etiology and natural history of AIS	周伯鑫		
	11:30	11:40	00:10		Pre-operative planning and surgical indication	周伯鑫		
	11:40	11:50	00:10		Shoulder imbalance in AIS	石承民		
	11:50	12:00	00:10		Operative correction technique: posterior and anterior	石承民		
	12:00	12:10	00:10		Discussion			
12:10~ 13:10	12:10	13:10	01:00		Lunch			
13:10~ 14:10	13:10	14:10			Adult deformity		吳文田, 陳衍仁	李政鴻
	13:10	13:20	00:10		Natural history and etiology of degenerative deformity	吳蘊哲		
	13:20	13:30	00:10		Usage of sagittal parameters for preoperative planning	張家銘		

	13:30	13:40	00:10	Osteotomy types and indications in ASD	羅元舜	
	13:40	13:50	00:10	Minimally invasive surgical solutions in degenerative deformity	張軒侃	
	13:50	14:00	00:10	How to reduce complications rates, PJK and revision surgery	張軒侃	
	14:00	14:10	00:10	Discussion		
14:10~ 14:40	14:10	14:40	00:30	Coffee break		
<b>14:40~ 15:40</b>	<b>14:40</b>	<b>15:30</b>		<b>Spine tumor</b>		
	14:40	14:50	00:10	Primary spinal tumors	吳蘊哲	
	14:50	15:00	00:10	Assessment, prognostic factors & management	吳蘊哲	
	15:00	15:10	00:10	Metastatic spinal tumors	羅元舜	
	15:10	15:20	00:10	Assessment, prognostic factors & management	葉佑成	
	15:20	15:30	00:10	Surgery of primary tumors of the spine (total en bloc spondylectomy, TES)	葉佑成	盧康, 曾峰
14:40~ 15:40	15:30	15:40	00:10	Discussion		毅
<b>15:40~ 16:30</b>	<b>15:40</b>	<b>16:30</b>		<b>Spine infection</b>		
	15:40	15:50	00:10	Assessment and management of pyogenic spinal infection	陳旭照	
	15:50	16:00	00:10	Management of spondylodiscitis: anterior or posterior?	陳旭照	
	16:00	16:10	00:10	Management of spondylodiscitis: endoscope or open?	吳孟庭	
	16:10	16:20	00:10	Discussion		
	16:20	16:30	00:10	Closing		李政鴻
15:40~ 16:30	<b>16:30</b>	<b>16:40</b>	<b>00:10</b>	<b>Group photo</b>		