

### February 13 - 15, 2019 - Theoretical Programming

SCHEDULE		TOPICS	OBJECTIVES	SPEAKERS
		THEORETICAL PROGRAM - February 13		
7:40	10	INTRODUCTION AND COURSE PRESENTATION		
7:50	30	Cervical Spine - Biomechanics and Balance	Biomechanics / Sagittal e Coronal Balance	Marcelo Mudo
8:20	30	Anterior Cervicotomy e Cervical Discectomy	Techniques / Pitfalls / Landmarks	Ronald Farias
8:50	30	Anterior Cervical Arthodesis (cages and plates)	Techniques / Fusion / Corpectomy/ Available Products	Ronald Farias
9:20	30	Cervical Arthroplasty and Hybridus Fixation	Techniques / Evidence / Available Products	Óscar Alves
9:50	50	CASE DISCUSSION - CERVICAL DEGENERATIVE SPINAL DEFORMITY		Marcelo Mudo
10:40	20	INTERVALO		
11:00	20	C1-C2 Fusion + C1-C2 Instability	Techniques / Pitfalls / Landmarks / Available Products	Fernando Dantas
11:20	30	Cervical Foraminotomy - Anterior and Posterior	Techniques / Pitfalls / Landmarks	Geraldo Sá
11:50	20	Cervical Screws (Pedicular and Lateral Mass)	Techniques / Pitfalls / Cervicodorsal Junction	Ronald Farias
12:10	20	Cervical Laminectomy and Laminoplasty	Techniques / Pitfalls / Indications	Róger Brock
12:30	50	LUNCH BOX - CASE DISCUSSION - CRANIOCERVICAL JUNCTION PATHOLOGY		Geraldo Sá
13:20	30	Lumbar Spine - Biomechanics and Balance	Biomechanics / Sagittal e Coronal Balance	Aécio Dias
13:50	20	Anterior Approach to Lumbar Spine	Techniques / Pitfalls / Landmarks	Vinícius Benites
14:10	20	Lateral Approach to Lumbar Spine	Techniques / Pitfalls / Landmarks	Rodrigo Amaral
14:30	20	ALIF and Anterior Cages	Techniques / Pitfalls / Landmarks / Available Products	Francisco Sampaio
14:50	20	Lumbar Lateral Fusion + Oblique and Lateral Cages	Techniques / Pitfalls / Landmarks / Available Products	Christiano Menezes
15:10	50	CASE DISCUSSION - LUMBAR DEGENERATIVE SPINAL DEFORMITY		Aécio Dias
16:00	20	INTERVALO		
16:20	20	Multilevel Posterior Lumbar Arthrodesis	Techniques / Pitfalls / Indications	Francisco Sampaio
16:40	20	Spinal Osteotomies	Techniques / Pitfalls / Tipos / Indications	Rodrigo Amaral
17:00	20	Dorsal Spine Pedicular Fixation	Techniques / Pitfalls / Landmarks	Christiano Menezes
17:20	20	Percutaneous Lumbar Pedicle screws (MISS)	Techniques / Pitfalls / Indications / Available Products	Vinícius Benites
17:40	30	CASE DISCUSSION - VERTEBRAL TUMOR		Cláudio Tatsui
18:10		First Day - Closure Remarks	Orientations to Cadaver Lab	Ronald Farias
SCHEDULE		ADDITIONAL THEORETICAL ACTIVITIES - February 14-15		SPEAKERS
Lunch Box	60	February 14th - LUNCH BOX - CASE DISCUSSION: CERVICAL MYELOPATHY		Róger Brock
End of day	60	February 14th - END OF DAY - CASE DISCUSSION: LUMBAR KYPHOSIS		Cristiano Menezes
Lunch Box	60	February 15th - LUNCH BOX - CASE DISCUSSION: C1-C2 INSTABILITY		Fernando Dantas
End of day	120	February 15th - End of Day - Quiz Session	10 Questions - Interactive Discussion	ALL Falcuties

