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SPPCV  
SOCIEDADE  
PORTUGUESA  
DE PATOLOGIA  
DA COLUNA  
VERTEBRAL

# Spanish & Portuguese Spine Societies

## COURSE DIPLOMA

### 2022

## ADVANCED COURSE

### MODULE 1:

# Extended Indications and Advanced Operative Techniques

**Advanced Course  
Module 1:**

—  
Extended Indications and  
Advanced Operative  
Techniques

**When:**

—  
13-14 // July // 2022

**Where:**

—  
Lisbon - Portugal

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### Scientific Content

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Nuno Neves, PhD

# Quick Facts

<b>When</b>	13-14 July 2022
<b>Where</b>	Lisbon/Portugal
	<p><b>Course Venue:</b> Hotel 3K Barcelona Rua Laura Alves 10, 1050-138 Lisbon</p> <p><b>Cad Lab Workshops Venue:</b> Nova Medical School Lisbon Nova University Campo dos Mártires da Pátria, 130 1169-056 Lisbon</p>
<b>Maximum Attendees</b>	30 delegates
<b>Registration Fee</b>	SPPCV/ GEER Members : 800€ Non Members: 1000€
<b>CME Credits</b>	CME credits will not be delivered
<b>Language</b>	English
<b>Dress</b>	Smart casual
<b>Important Note</b>	<ul style="list-style-type: none"> <li>• Completion of eLearning modules and attendance to the live session is mandatory.</li> <li>• A computer (Mac/PC) or tablet (Android/Mac) and stable internet connection are required to access the eLearning content</li> </ul>

## Important

- Completion of eLearning modules is mandatory
- Course attendance is mandatory

## Target Audience

Trained surgeons who have completed their European Spine Course Diploma or trained and practicing surgeons with more than 2 years of experience.

## Learning Outcomes:

# Module 1 Advanced Course

- 1. List indications for surgeries in the spinal junction areas and understand associated pathologies;**
- 2. Describe surgical techniques in the spinal junction areas and weigh their pros and cons;**
- 3. Understand the basic principles of degenerative deformities and high-grade spondylolisthesis, list surgical indications and formulate surgical plans;**
- 4. Understand and apply the basic principles of idiopathic adolescent scoliosis;**
- 5. Describe the technique for radical excision surgery in spinal tumours and list complications and indications;**
- 6. List indications and describe surgical**

# Course Chairpersons:

**Nuno Neves** PORTUGAL

**Máximo Alberto Díez Ulloa** SPAIN

# Course Faculty:

**Álvaro Lima** PORTUGAL

**António José Conde** SPAIN

**Antonio Martin Benlloch** SPAIN

**Bruno Santiago** PORTUGAL

**Carla Reizinho** PORTUGAL

**João Pedro Maia Gonçalves** PORTUGAL

**Jorge Alves** PORTUGAL

**Jorge Mineiro** PORTUGAL

**Luis Álvarez Galovich** SPAIN

**Luís Marques** PORTUGAL

**Manuel Fernández González** SPAIN

**Manuel Tavares de Matos** PORTUGAL

**Máximo Alberto Díez Ulloa** SPAIN

**Miguel Casimiro** PORTUGAL

**Nuno Neves** PORTUGAL

**Paulo Pereira** PORTUGAL

**Pedro Varanda** PORTUGAL

**Simón Fuentes Caparros** SPAIN

**Susan Soler Algarra** SPAIN

**Teresa Bas Hermida** SPAIN

# Scientific Programme

## Advanced Course - Module 1

Time	Topic	Faculty
-	-	-
<b>E-LEARNING PROGRAMME</b>		
-	-	-
	<b>Session 1: Craniocervical junction</b>	
00:25	Indications for craniocervical junction fixation surgery	Luís Marques
00:25	Indications for anterior resection techniques at the CCJ	Miguel Casimiro
00:10	How do I do it: endoscopic transnasal odontoid resection	Miguel Casimiro
00:20	C0/C1/C2 fixation techniques	Nuno Neves
00:20	Knowledge check questions	
	<b>Session 2: Cervicothoracic junction</b>	
00:25	Instrumentation in the cervicothoracic junction	Simón Fuentes Caparros
00:15	Tumours expanding to the spine	Antonio Martin Benlloch
00:20	Kyphosis correction techniques and indications	Pedro Varanda
00:20	Knowledge check questions	
	<b>Session 3: Thoracic spine</b>	
00:15	Indications and techniques for thoracic disc herniation surgery	M. Alberto Díez Ulloa
00:15	Indications for en bloc spondylectomy	Luis Álvarez Galovich
00:20	How do I do it: thoracic en bloc spondylectomy	Antonio Martin Benlloch
00:20	Minimally invasive thoracic instrumentation and augmentation	Álvaro Lima
00:20	Knowledge check questions	
	<b>Session 4: Adolescent idiopathic scoliosis (AIS)</b>	
00:20	Indications for conservative management and surgery in AIS	Teresa Bas Hermida
00:25	Surgery principles in AIS	Jorge Mineiro
00:20	Spinal Cord Monitoring in Deformity Surgery	Susan Soler Algarra
00:20	Knowledge check questions	
	<b>Session 5: Lumbar degenerative deformities</b>	
00:20	Sagittal balance and operative planning	Manuel Tavares de Matos
00:20	Osteotomies for sagittal deformity: indications and planning	Jorge Alves
00:10	Augmentation in the osteoporotic spine	João Pedro Maia Gonçalves
00:10	How do I do it: sacral/pelvic fixation technique	Simón Fuentes Caparros
00:20	Knowledge check questions	
	<b>Session 6: High-grade lumbar spondylolisthesis and tumour surgery and reconstruction &amp; Intradural tumours</b>	
00:15	Surgical techniques and indications in high grade spondylolisthesis surgery	Manuel Fernández González
00:10	How do I do it: sacral dome resection	Manuel Fernández González
00:15	Indication and techniques of sacral tumour resections	Antonio Martin Benlloch
00:15	Indications for neo-adjuvant therapies in spinal tumours	António José Conde
00:20	Indications and techniques for intradural extramedullary lesions	Paulo Pereira
00:15	Intramedullary Tumours	Carla Reizinho
00:20	Knowledge check questions	
-	-	-
		<b>Course Attendance is Mandatory</b>

# Scientific Programme

## Advanced Course - Module 1

### Day 1 - Wednesday, 13 July 2022

Time	Topic	Faculty
-	-	-
<b>PRESENIAL</b>		
-	-	-
07:30 - 08:00	Course Registration and Welcome Coffee	
08:00 - 08:10	Course Introduction	Nuno Neves, M. Alberto Díez Ulloa
08:10 - 09:10	Case-based discussion: Basilar invagination and cranial settling	Teresa Bas Hermida
09:10 - 10:10	Case-based discussion: Cervicothoracic PVCR and reconstruction	Antonio Martin Benlloch
10:10 - 11:10	Case-based discussion: Spinal cord anomalies	Bruno Santiago
-	-	-
Coffee Break 20 mins.		
-	-	-
11:30 - 12:30	Case-based discussion: Severe AIS	Jorge Alves
12:30 - 13:30	Case-based discussion: Degenerative scoliosis	Manuel Tavares de Matos
-	-	-
Lunch Break 60 mins.		
-	-	-
<b>Cadaver Lab Workshops</b>		
14:30 - 15:00	Preparation for CadLab workshop	
15:00 - 16:00	Groups A, B, C: Cervicothoracic fixation; Thoracic en bloc spondylectomy	All Faculty
16:00 - 17:00	Groups D, E, F: PSO; Ponte osteotomy; Sacropelvic fixation	
-	-	-
Coffee Break 30 mins.		
-	-	-
17:30 - 18:30	Groups A, B, C: PSO; Ponte osteotomy; Sacropelvic fixation	All Faculty
18:30 - 19:30	Groups D, E, F: Cervicothoracic fixation; Thoracic en bloc spondylectomy	
-	-	-
<b>End of Day 1 - Advanced Course Module 1</b>		
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### Day 2 - Thursday, 14 July 2022

Time	Topic	Faculty
-	-	-
<b>PRESENIAL</b>		
-	-	-
08:00 - 09:00	Case based discussion: Thoracic disc herniation	M. Alberto Díez Ulloa
09:00 - 10:00	Case-based discussion: Spinal metastasis	Luis Álvarez Galovich
-	-	-
Coffee Break 20 mins.		
-	-	-
10:20 - 11:20	Case-based discussion: Chordoma	Simón Fuentes Caparros
11:20 - 12:20	Case-based discussion: Conus tumor	Miguel Casimiro
12:20 - 13:00	Conclusion and mandatory course evaluation	
-	-	-
<b>End of Day 2 - Advanced Course Module 1</b>		
-	-	-
<b>Course Attendance is Mandatory</b>		

# Recommended Reading

## Part VI Advanced Module 1:

- **Extended Indications and Advanced Operative Techniques**

B. Meyer and M. Rauschmann (Eds.)

- **Spine Surgery A Case-Based Approach**  
Switzerland: Springer

- J. Gempt. (2019).

Indications for Craniocervical Surgery and Anterior Resection Techniques (Endonasal, Transoral). B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 411-416). Switzerland: Springer.

- A. Tschugg, S. Hartmann and C. Thom. (2019).

C0/C1/C2 Instrumentation Techniques. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 417-422). Switzerland: Springer.

- A. Tschugg, S. Hartmann and C. Thom. (2019).

Basilar Invagination. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 423-428). Switzerland: Springer.

- N. Hecht, M. Czabanka and P. Vajkoczy. (2019).

Corpectomies and Osteotomies in the Upper Thoracic Spine and Cervicothoracic Region. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 429-436). Switzerland: Springer.

- B. Meyer & L. Bobinski. (2019).

Cervicothoracic Kyphosis in Ankylosing Spondylitis. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 437-446). Switzerland: Springer.

- A. El Rahal, F. Solla, V. Fiere, A.Toquart and C. Barrey. (2019).

Sagittal Balance and Preoperative Planning. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 447-458). Switzerland: Springer.

## Recommended Reading (cont.)

• F. Ringel. (2019).

Technical Execution of Correction Osteotomies (SPO, PSO etc). B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 459-464). Switzerland: Springer.

• Y-P. Charles. (2019).

Instrumentation Techniques Including Sacral and Pelvic Fixation. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 465-472). Switzerland: Springer.

• S. Hartmann, A. Tschugg and C. Thom. (2019).

Degenerative Lumbar Scoliosis. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 473-480). Switzerland: Springer.

• S. Hartmann, A. Tschugg and C. Thom. (2019).

Long Versus Short Constructs. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 481-489). Switzerland: Springer.

• L. Wessels and P. Vajkoczy. (2019).

In Situ Fusion Versus Realignment. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 489-494). Switzerland: Springer.

• S. Haddad, K. Rahnema Zand, and F. Pellis. (2019).

Surgical Management of Developmental High-Grade Spondylolisthesis. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 495-504). Switzerland: Springer.

• D. Rothenfluh and J. Reynolds. (2019).

Indications and Technique of Thoracic En Bloc Resections. B. Meyer and M. Rauschmann (Eds.), Spine Surgery A Case-Based Approach (pp. 505-512). Switzerland: Springer.

## Recommended Reading (cont.)

- **D. Rothenfluh and E. Bourassa-Moreau. (2019).**  
Management of Failed Back Surgery Syndrome. B. Meyer and M. Rauschmann (Eds.), *Spine Surgery A Case-Based Approach* (pp. 513-522). Switzerland: Springer.
- **E. Shiban and B. Meyer. (2019).**  
Minimally Invasive (Long) Dorsal Instrumentation Including Augmentation for Metastasis. B. Meyer and M. Rauschmann (Eds.), *Spine Surgery A Case-Based Approach* (pp. 523-532). Switzerland: Springer.
- **U. Liljenqvist. (2019).**  
En Bloc Resection for Metastatic Disease. B. Meyer and M. Rauschmann (Eds.), *Spine Surgery A Case-Based Approach* (pp. 533-538). Switzerland: Springer.
- **E. Acaroglu and M. Doany. (2019).**  
Principles of Posterior Surgery in Adolescent Idiopathic Scoliosis. B. Meyer and M. Rauschmann (Eds.), *Spine Surgery A Case-Based Approach* (pp. 539-546). Switzerland: Springer.
- **S. Krieg and B. Meyer. (2019).** Tumours of the Sacrum. B. Meyer and M. Rauschmann (Eds.), *Spine Surgery A Case-Based Approach* (pp. 547-562). Switzerland: Springer.
- **M. Gehrchen. (2019).**  
Radical Excision Is Beneficial for Chordoma? B. Meyer and M. Rauschmann (Eds.), *Spine Surgery A Case-Based Approach* (pp. 563- 566). Switzerland: Springer.
- **A. Zdunczyk and P. Vajkoczy. (2019).**  
Intradural Extramedullary Lesions. B. Meyer and M. Rauschmann (Eds.), *Spine Surgery A Case-Based Approach* (pp. 567-572). Switzerland: Springer.
- **M. Wostrack. (2019).**  
Indications and Technique for Intradural Intramedullary Lesions. B. Meyer and M. Rauschmann (Eds.), *Spine Surgery A Case-Based Approach* (pp. 533-538). Switzerland: Springer.

# Contacts

## Course Organisation

### SPPCV Sociedade Portuguesa de Patologia da Coluna Vertebral

Portuguese Spine Society

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### GEER Sociedad Española de Columna Vertebral

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### GEER Sociedad Española de Columna Vertebral

Spanish Spine Society

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### Scientific Content

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Nuno Neves, PhD

**Thank you**  
**for your participation.**

**Spanish & Portuguese Spine Societies**

**COURSE DIPLOMA**

**Advanced Course - Module 1**

**Extended Indications and Advanced Operative Techniques**

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