



Hellenic  
Spine  
Society

# Diploma of the Hellenic Spine Society

(equivalent to the Eurospine Diploma)

## MODULE 5: TUMORS AND INFLAMMATORY DISEASES OF THE SPINE

**6-7 May 2022**



HYBRID SEMINAR

**Athens Medical Group Amphitheater  
Kefalari Square, Athens, Greece**



ΟΜΙΛΟΣ ΙΑΤΡΙΚΟΥ  
ΑΘΗΝΩΝ

*Πάντα ένα βήμα μπροστά!*

The Panhellenic Medical Association will grant credit points  
of Continuing Medical Education (CME-CPD)

**Course Manager**

Ioannis Magras  
Professor of Neurosurgery

**[www.dhss.gr](http://www.dhss.gr)**

### SECRETARIAT

**Premium Congress & Social Events Solutions**

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[www.premium-events.gr](http://www.premium-events.gr)

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## FACULTY

**CHAIRMAN** Spiliotopoulos Athanasios

**FACULTY** Apostolou Thomas  
Bouramas Dimos  
Hadgaonkar Shailesh  
Iliadou Kornilia  
Kotsa Kalliopi  
Paterakis Konstantinos  
Patsalas Ioannis  
Spiliotopoulos Athanasios  
Stavridis Stavros  
Toulios Petros  
Tsitsopoulos Parmenion  
Tsolpidis Paschalis  
Voulgaris Spyridon

## LEARNING OUTCOMES:

### SESSION 1 - VERTEBRAL OSTEOMYELITIS

#### Evidence Based Medicine

- Explain the aetiology of vertebral osteomyelitis including: bacterial, tuberculous, and fungal
- Describe the pathogenesis including venous route, arterial inoculation and iatrogenic direct extension
- Anticipate the routes of spread: vertebral body & intervertebral disc

#### Symptoms & Diagnosis

- Recognise the signs and symptoms of vertebral osteomyelitis
- Identify the risk factors (immunodeficiency etc)
- Select appropriate investigations
- Distinguish on MRI and x-ray the key features that define and contrast both pyogenic and tuberculous spinal lesions

#### Conservative Management & Indications for Surgical Treatment

- Evaluate options for conservative treatment
- Compare absolute and relative indications for conservative treatment

#### Surgical Management of Spinal Infections

- Formulate a plan for infection specific treatment
- Anticipate complications
- Plan appropriate management
- Appraise current evidence concerned with spondylitis outcome and prognosis

#### Case Discussion

### SESSION 2 - RHEUMATOID DISEASE

#### Etiology, Pathogenesis, Symptoms, Diagnosis

- Explain the aetiology of rheumatoid disease
- Describe the pathogenesis relating rheumatoid disease and joint changes
- Recognise the signs and symptoms
- Select and interpret appropriate investigations and imaging
- Recognise signs of the rheumatoid spine ankylosing spondylitis

#### Stabilizing & Corrective Surgery of the Spine

- Describe indications for corrective surgery for ankylosing spondylitis
- Diagnose occipito-atlantoaxial complex and subaxial cervical spine
- Differentiate between horizontal and vertical atlantoaxial instability

#### Diagnosis & Treatment of the Occipito-Atlantoaxial Complex

- Identify the commonly used radiographic lines and measurements for the C0 to C2 complex
- Plan appropriate treatment for C0 to C2 and sub-axial rheumatic neck problems
- Appraise current evidence regarding outcome and prognosis

#### Case Discussion

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### SESSION 3 - METABOLIC BONE DISEASES

#### Bone Disorders

- Paget's disease
- Rickets
- DISH (Forestier's disease)
- Metabolic bone disease Osteoporosis
- Outline the etiology of osteoporosis
- Diagnose osteoporosis using appropriate investigations

#### Surgical Considerations In Disorders of the Bone

- Evaluate treatment options
- Compare minimally invasive techniques including vertebroplasty, kyphoplasty and vertebral body stenting

#### Case Discussion

### SESSION 4 - TUMOURS OF THE AXIAL SKELETON

#### Primary benign tumours and tumour like lesions

##### Diagnosis and management

- Explain the aetiology of tumours and tumour like lesions
- Describe the pathogenesis relating to tumours and tumour like lesions
- Differentiate between primary benign tumours and tumour like lesions
- Select appropriate investigations, interpret results and stage tumour like lesions
- Evaluate treatment options
- Anticipate outcomes
- Formulate a plan for long term monitoring

#### Secondary malignant tumours

##### Diagnosis and management

- Justify the relative importance of combined tumour therapy including surgery, radiotherapy and chemotherapy
- Evaluate surgical options and results
- Formulate a multidisciplinary management plan
- Justify the risks, benefits and impact of radiotherapy and chemotherapy
- Evaluate surgical options
- Anticipate complications

#### Case Discussion

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## SCIENTIFIC PROGRAMME

### MODULE 5: TUMORS & INFLAMMATORY DISEASE OF THE SPINE

SATURDAY, 7 May 2022

COURSE ATTENDANCE IS MANDATORY

**CHAIRMAN: SPILIOPOULOS ATHANASIOS**

08:30 - 09:00 Course Registration & Welcome Coffee

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#### 09:00 - 10:30 **Session 1: VERTEBRAL OSTEOMYELITIS**

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09:00 - 09:15 **Etiology, Pathogenesis, Routes of Spread**  
S. Stavridis

09:15 - 09:30 **Symptoms & Diagnosis**  
S. Stavridis

09:30 - 09:45 **Conservative Treatment & Indications for  
Surgical Treatment**  
P. Tsitsopoulos

09:45 - 10:00 **Surgical Management of Spinal Infections**  
S. Hadgaonkar

10:00 - 10:30 **Case Discussion**

10.30 - 11.00 Coffee break

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#### 11:00 - 12:45 **Session 2: RHEUMATOID DISEASE**

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11:30 - 11:45 **Etiology, Pathogenesis, Symptoms, Diagnosis**  
K. Iliadou

11:45 - 12:00 **Stabilizing & Corrective Surgery of the TL Spine  
(Especially Ankylosing Spondylitis)**  
K. Paterakis

12:00 - 12:15 **Diagnosis & Treatment of the Occipito  
Atlantoaxial Complex**  
D. Bouramas

12:15 - 12:45 **Analysis and discussion of a surgical procedure (Video)**  
D. Bouramas

12.45 - 13.15 Lunch break

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<b>13:15 - 14:30</b>	<b>Session 3: METABOLIC BONE DISEASES</b>
<b>13:15 - 13:30</b>	<b>Bone Disorders</b> K. Kotsa
<b>13:30 - 13:45</b>	<b>Osteoporosis (Etiology, Diagnosis, Drug Therapy)</b> K. Kotsa
<b>13:45 - 14:00</b>	<b>Surgical Considerations in Disorders of the Bone</b> P. Tsolpidis
<b>14:00 - 14:30</b>	<b>Case Discussion</b>
<b>14:30 - 15:45</b>	<b>Session 4: PRINCIPLES OF SURGICAL TREATMENT</b>
<b>14:30 - 14:45</b>	<b>Benign Tumours and Tumour Like Lesions: diagnosis and management</b> Th. Apostolou
<b>14:45 - 15:00</b>	<b>Primary Malignant Tumours: diagnosis and management</b> A. Spiliotopoulos
<b>15:00 - 15:15</b>	<b>Secondary Malignant Tumours: diagnosis and management</b> P. Toullos
<b>15:15 - 15:45</b>	<b>Case Discussion</b>
<b>15:45 - 16:15</b>	Coffee break
<b>16:15 - 17:15</b>	<b>Session 5: TUMORS OF THE SPINAL CORD</b>
<b>16:15 - 16:30</b>	<b>Intradural extra medullary Tumours</b> S. Voulgaris
<b>16:30 - 16:45</b>	<b>Intramedullary Tumours</b> I. Patsalas
<b>16:45 - 17:15</b>	<b>Analysis and discussion of a surgical procedure (Video)</b>

## GENERAL INFORMATION

### Module

Module 5: TUMORS & INFLAMMATORY DISEASE OF THE SPINE

### Registration Fee

Module 5: 300 euros  
Module 2 and 5: 500 euros

### Course Date

7 May 2022

### Course Venue

Athens Medical Group Amfitheater  
Kefalari Square / Athens, Greece

### Course Language

English

### Accreditation

The Panhellenic Medical Association grants 15 credit points of Continuing Medical Education (CME-CPD)

### Organization

Hellenic Spine Society

### Course Secretariat

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## NOTES

A series of horizontal dotted lines for taking notes.

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