



Ain Shams University Neurosurgery Department

El Demerdash hospital- training and development center
Conference room 403

(Scoliosis Course)

Thursday 18 January 2024

Course Moderatore

Head of Department :Professor. Wael Samir

Professor: Mohamed Awad
Assistant professor: Sameh Hefny
Lecturer: Mohamed Yosif
Assistant Lecturer: Mohamed Ismail
Assistant Lecturer: Mohamed Tarek

● **09.30a.m** Welcome speech

**Prof.DR: Mohamed Awad, Professor of Neurosurgery
AIN Shams University**

1 **10.00a.m** Definitions and Terminology, Classification of scoliosis

**Prof.DR: Khaled Saoud, Professor of Neurosurgery
AIN Shams University**

2 **10.20a.m** Clinical and Radiographic Evaluation of the Scoliotic Patient
Assessment of Skeletal Maturity. Pathogenesis of Idiopathic ,
Scoliosis

**DR: Mohamed Yosif, Lecturer of Neurosurgery
AIN Shams University ,**

3 **10.40a.m** Classification of Adolescent Idiopathic Scoliosis for Surgical Intervention
:The Lenke Classification, The Classification of Multiplanar Deformity ,
.The Next Generation

**Prof.DR: Yasser EL Bana Professor of Neurosurgery
Alexandria University ,**

4 **11.00a.m** Spine- navigation use in scoliosis surgery

**Prof.DR: Hazem Ahmed, Professor of Neurosurgery
AIN Shams University ,**

5 **11.20a.m** Biomechanics and Reduction of Scoliosis

**Prof.DR: Sameh Hefny, Assistant Professor of Neurosurgery
AIN Shams University**

6 **12.00a.m** Selective versus Nonselective Surgery for Adolescent
Idiopathic Scoliosis, Selection of Fusion Levels

**Prof.DR: Samer Samy Professor of Neurosurgery
Alexandria University ,**

7 **12.20a.m** The Importance of the Sagittal Plane: Spinopelvic Considerations
Spinopelvic Fixation in Idiopathic Scolio

**Prof.DR: Mohamed Fawzy, Professor of Orthopedic
AIN Shams University**

8 **12.40a.m** Posterior Correction Techniques in Late-onset Scoliosis
Releases, Osteotomies, and Apical Vertebral Column Resection

**Dr: Abd Allah Maher, Lecturer of Neurosurgery
AIN Shams University**

● **1.00p.m**

Workshop

Hands-on saw bone scoliotic models 3 sessions

