

SPINAL DEFORMITIES

A multidisciplinary Approach

Art of Postural Correction

**3 days practical training
+ one day online**

Course Objectives:

- **To understand different pathology and etiology of spinal deformities.**
- **To classify scoliosis according to different disciplines.**
- **To understand blocks concept.**
- **To assess scoliosis clinically and radiologically.**
- **To apply recent guidelines in management of scoliosis.**
- **To compare different scoliosis schools.**
- **To understand different related problem in lower limb**
- **To manage other spinal deformities**

3 Instructors:

Mahmoud Ibrahim, PT, PhD

- Schroth Best Practice Basic Instructor
- Assistant Professor at University of Hertfordshire
- Lecturer of Biomechanics and Ergonomics, Faculty of PT, MSA, Egypt
- CEO of ARC for Scoliosis Physiotherapy

Mai Ahmed, PT, M.Sc

- Schroth Best Practice Basic Instructor
- Assistant Lecturer, Faculty of PT, Ahram Canadian University, Egypt
- Branch Manager at ARC For Scoliosis Physiotherapy

Basma Abdelmotelb, PT, Ph.D.

- Certified Schroth BSPT c1/c2 (Spain)
- Certified SEAS approach Practitioner (Italy)
- Certified Side-Shift Partitioner (England)
- Certified Lyon approach France)
- Certified PSSE-schroth (Greece)
- Master of (PPSCT)", ISICO (Italy)
- Co-founder of Scolio clinic

Course agenda (Topics to be covered)**DAY 1**

- **Part I**
 - 1.1 Introduction
 - 1.2 Anatomy of the Spine
 - 1.3 Biomechanics of the spine
 - 1.4 Types of Spinal Deformities
- **Part II**
 - 2.1 Kyphosis definition
 - 2.2 Kyphosis classification
 - 2.3 Sagittal balance and pelvic measurements
- **Part III**
 - 3.1 Scoliosis Definition
 - 3.2 Aetiology
 - 3.3 Classification of Scoliosis
 - 3.4 Natural History of Scoliosis
- **Part IV**
 - 4.1 Radiological Examination of spinal deformities
 - 4.2 Clinical Assessment of spinal deformities
 - 4.3 Risk Progression

DAY 2

- **Part V**
 - 5.1 Differential Diagnosis of Scoliosis and other Problems
 - 5.2 Blocks concept
 - 5.3 SOSORT Guidelines
 - 5.4 Different Schools Approach
 - 5.5 Exercise Prescription (Part 1)
- **Part VI**
 - 6.1 Parents Guidelines
 - 6.2 Sports and Scoliosis
 - 6.3 Psychological Aspects

DAY 3

- **Part VII**
 - 7.1 Exercise Prescription (Part 2)
 - 7.2 Management of Pain
 - 7.3 Management of Other Spinal Deformities
 - 7.4 Management of Related lower limb problems
- **Part IIX**
 - 8.1 Bracing
 - 8.2 Surgical Intervention

DAY 4 (ONLINE)

- **Part IX**
 - 9.1 Revision
 - 9.2 Case studies
 - 9.3 Questions

**Academy of International Medical Seminars**

For more information, venue, fees
and registration please contact:

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A MULTIDISCIPLINARY APPROACH
ART OF POSTURAL CORRECTION



**DR. MAI
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**DR. MAHMOUD
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**DR. BASMA
ABDRLMOTELB**

 **22, 23, 24 FEB. - 1 MARCH**

 **CAIRO**



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