

7th Basic Orthopaedic Science Course

28th Feb. & 1st Mar. 2019
LRC - Kasr Al Ainy

Department of Orthopaedics & Traumatology
Kasr Al Ainy - School of Medicine
Cairo University

Course Co-ordinators

Ahmed Khedr
Mahmoud Abdel Karim
Mohamed Abdel Moneim
Mohamed Abo-Elsoud
Mohamed Gobba

Department Chairman

Aly El Zawahry



Course Program

Day 1
Thursday
28th Feb. 2019

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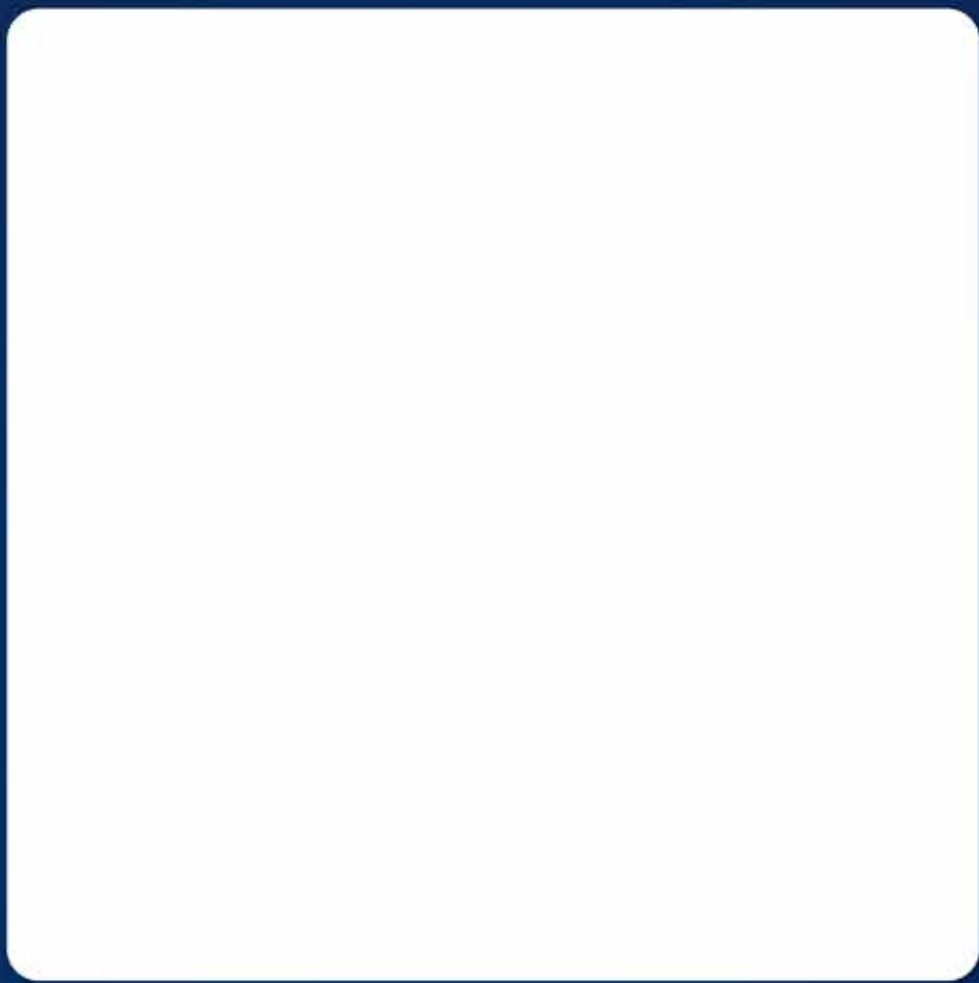
07:30 - 08:00	Assembly & Registration	
08:00 - 08:15	Welcome Note	
Session 1	Basic Musculoskeletal Biology & EMG Moderators: Mostafa Mahmoud - Mohamed Gobba	
08:15 - 08:35	Bone: Form and Function	Ahmed Hazem
08:35 - 08:55	Fracture Healing, Absolute Vs Relative Stability	Mohamed Gobba
08:55 - 09:15	Epiphyseal Growth Plate: Form and Function	Mohamed Tag
09:15 - 09:35	Articular Cartilage: Form and Function	Amr Arafa
09:35 - 09:45	Discussion	
09:45 - 10:00	Biology and Biomechanics of Skeletal Muscles	Ahmed Samir
10:00 - 10:15	Basics of Nerve Response to Injury and Repair	Ayman Shahin
10:15 - 10:30	EMG and NCS	Mostafa Mahmoud
10:30 - 10:40	Discussion	
10:40 - 11:00	Coffee Break	
Session 2	Human Body Biomechanics Moderators: Hisham Abdel Ghani - Ashraf Moharram	
11:00 - 11:20	Basic Terminology in Biomechanics & Biomaterials	Hisham Abdel Ghani
11:20 - 11:40	Shoulder Joint Biomechanics	Ahmed Fouad
11:40 - 12:00	Elbow Joint Biomechanics	Ashraf Moharram
12:00 - 12:10	Discussion	
12:10 - 12:30	Wrist Joint Biomechanics	Mostafa Mahmoud
12:30 - 12:50	Biomechanics of Flexor Tendons and Extensor Expansion	Ayman Mansour
12:50 - 13:10	Normal Ankle and Foot Biomechanics	Ahmed Khedr
13:10 - 13:30	Normal Gait	Hisham Abdel Ghani
13:30 - 13:40	Discussion	
13:40 - 14:30	Lunch Break	
Session 3	How to Write Your Thesis Moderators: Khaled Fawzy - Walid Ebeid	
14:30 - 14:50	Introduction & Thesis Protocol	Walid Ebeid
14:50 - 15:20	Levels of Evidence & Study Designs	Mahmoud Abdel Karim
15:20 - 15:40	Review of Literature	Khaled Fawzy
15:40 - 16:00	Patients & Methods	Sherif Khaled
16:00 - 16:10	Discussion	
16:10 - 16:30	Break	
16:30 - 16:50	Results	Mostafa Mahmoud
16:50 - 17:10	Discussion	Mahmoud Abdel Karim
17:10 - 17:30	References	Hisham Abdel Ghani
17:30 - 17:40	Discussion	
End of Day 1		

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Day 2
Friday
1st Mar. 2019

Session 4		Knee & Spine Basics	
		Moderators: Hossam Salah - Ali Reda	
08:30 - 08:50	Normal Knee Joint Biomechanics	Ali Reda	
08:50 - 09:10	Meniscus: Form & Function	Ahmed Fouad	
09:10 - 09:30	Patellofemoral Tracking	Hazem Farouk	
09:30 - 09:40	Discussion		
09:40 - 10:00	The Intervertebral Disc: Form and Function	Hossam Salah	
10:00 - 10:20	Lumbar Spine Biomechanics	Ihab Emran	
10:20 - 10:30	Discussion		
10:30 - 10:50		Coffee Break	
Session 5		What an orthopaedic surgeon should know about	
		Moderators: Sherif Khaled - Mohamed Abo Elsoud	
10:50 - 11:10	Metabolic Bone Diseases	Sherif Khaled	
11:10 - 11:30	Molecular Biology in Orthopaedics	Mohamed Abdel Moneim	
11:30 - 11:50	Guidelines for Management of Osteoporosis	Sherif Khaled	
11:50 - 12:00	Discussion		
12:00- 13:30		Friday Prayers & Lunch	
13:30 - 13:45	Bone Grafts & Bone Grafts Substitutes	Mostafa Salah	
13:45 - 14:00	Stem Cells in Orthopaedics	Ahmed Azzam	
14:00 - 14:15	PRP	Ahmed Samir	
14:15 - 14:25	Discussion		
14:25 - 14:35	Pharmaceutical Symposium		
14:35 - 14:55	Crystal Deposition Disorders	Khaled Fawzy	
14:55 - 15:10	Bone Scan & PET Scan	Walid Ebeid	
15:10 - 15:30	Operating Theatre Environment	Mohamed Abo Elsoud	
15:30 - 15:40	Discussion		
15:40- 16:00		Break	
Session 6		Biomechanics of Hip & Knee Arthroplasty	
		Moderators: Mahmoud Abdel Karim - Mohamed Abdel Moneim	
15:40 - 16:00	Tribology	Mohamed Abo Elsoud	
16:00 - 16:20	Biomechanics of THA	Mohamed Gobba	
16:20 - 16:30	Biomechanics of TKA	Mahmoud Abdel Karim	
16:30 - 16:40	Discussion		
16:40 - 16:50	Pharmaceutical Symposium		
Session 7		How I Passed My Exams	
		Moderators: Khaled Fawzy - Ahmed Khedr	
16:50 - 17:30		Ahmed Abo Taleb - Mohamed Refaat - Mohamed Nagy	
End of Course			



Stylish Holidays Events

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