



**IC TKA**

Instructional course of Total Knee Arthroplasty

# 5<sup>th</sup> Instructional Course Osteotomy and Primary Total Knee Arthroplasty

Duhok, Iraq  
Rixos Hotel

29 Feb - 2 Mar 2024

organized by **STEP**  
MEDICAL EDUCATION

# DUHOK.



# FACULTY MEMBERS



**Dr. Khalil Ibrahim Sadek**  
Consultant orthopedic surgeon  
Director of Basrah arthroplasty center.



**Arewan Mohammed Salih Saeed**  
Assistant prof orthopedic surgery  
College of medicine  
university of sulemani  
Shar hospital sulaimani



**Dr. Siegfried Hofmann**  
Professor of Orthopedic Surgery  
Head of Knee Training Center  
Stolzalpe - Austria



**Dr. Mahmood Shihab**  
Consultant knee joint replacement surgeon  
Director of knee fellowship training



**Dr. Imad hasan qasim**  
Consultant orthopedic surgeon  
Alwasity teaching hospital  
Hip-knee unit



**Dr. Mohammad Saeed Mohammad**  
Consultant orthopedic surgeon  
Medical city complex



**Dr. Laween Omer Musa Chairman**  
Orthopedic surgeon , F.I.C.M.S  
Head of orthopedic department  
Azadi general hospital  
Duhok Lecturer college of medicine



# Welcome

## Osteotomy and Primary Knee course

### Osteotomy course:

The osteotomy course will focus the first day on the “Basic Principles” of how to improve your osteotomy outcome. With a new understanding of biomechanics, good patient selection and proper surgical technique modern osteotomy concepts offer excellent results for young and active patients with osteoarthritis. Knee surgeons should be aware of these advanced techniques to be able to offer their patients osteotomy as an attractive alternative to Unicompartmental knee or TKA.

At the end of day 1 the workshop will allow delegates to explore the most recent advancement in osteotomy techniques on the tibia and femur including tips and tricks with angle stable implants.

The second half-day starts with a didactical live video recording on medial open wedge tibia osteotomy repeating the Basic Principles and showing how they can be transferred to the OR. During the second part, we will present and discuss the basic principles for complex osteotomies. This will include double-level, combined cartilage and ligament as well as derotation osteotomies.





## Primary Knee course:

The first half day focuses on the “10 Basic Principles” and how to improve your primary TKA outcome. There will be 40 % presentations and 60 % interactions. After short talks, delegates will have the chance to ask questions and discuss different problems and philosophies. After each block, the “case challenge” will repeat the basic principles and delegates will have to find their solutions during small group discussions. At the end of the first day, practical workshops with hands-on will be offered.

The second full day starts with two didactical live video recordings on Varus and Valgus knees repeating the 10 Basic Principles and showing how they can be transferred to the OR. During the second part, we will present and discuss the basic principles for difficult primaries and infected TKAs. You will also enjoy the discussion of the two case challenges on difficult primary and infected TKA.

The organizers welcome you to this unique experience of training and education for Osteotomies and TKA. Join us in Basra and be part of this Stolzalpen Instructional Course experience to increase your knowledge and surgical skills.

Yours sincerely,  
Organization committee.

29 Feb **DAY**  
**ONE**



# IC Osteotomy Dohuk 2024

08:00-09:00 Registration  
09:00-09:15 Welcome

Dr. Laween Omar Musa /  
Dr. Siegfred Hofmann

## Basic Principles

09:15-09:30	Biology and Biomechanics	Lecture	Dr. Laween Omar Musa	Mod: Dr. Emad Hassan Qasim
09:30-09:45	Patient selection	Lecture	Dr. Khalil Ibraheem	
09:45-10:00	Planning	Lecture	Dr. Siegfred Hofmann	
10:00-10:30	Discussion	Interaction	ALL	
10:30-11:00	Case Challenge: Patient selection & Planning	Interaction	Dr. Siegfred Hofmann	
11:00-11:30	Coffee Break			
11:30-11:45	Which osteotomy & Implant selection	Lecture	Dr. Mohammed Saeed	Mod: Dr. Laween Omar Musa
11:45-12:15	Technique Tibia	Video	Dr. Siegfred Hofmann	
12:15-12:45	Technique Femur	Video	Dr. Siegfred Hofmann	
12:45-13:15	Discussion	Interaction	ALL	
13:15-13:45	Case Challenge: Osteotomy & Implant selection	Interaction	Dr. Siegfred Hofmann	
13:45-14:45	Lunch Break			
14:45-15:00	Post OP management	Lecture	Dr. Emad Hassan Qasim	Mod: Dr. Mohammed Saeed
15:00-15:15	Results Osteotomies	Lecture	Dr. Laween Omar Musa	
15:15-15:30	UNI vs Osteo	Lecture	Dr. Siegfred Hofmann	
15:30-15:45	TKA after Osteotomy	Lecture	Dr. Khalil Ibraheem	
15:45-16:15	Discussion	Interaction	ALL	
16:15-16:45	Case Challenge: Osteo vs UNI	Interaction	Dr. Siegfred Hofmann	
16:45-17:15	Coffee Break			

## Company Workshop

17:15-17:45	Hands on with Tips & Tricks	Interaction	Dr. Siegfred Hofmann	Mod: Dr. Siegfred Hofmann
17:45-18:00	End of First Day			



## IC Osteotomy Dohuk 2024

08:00-09:00	Live Video Medial Open Wedge Osteotomy	Video	Dr. Siegfred Hofmann	Mod: Dr. Khalil Ibraheem
09:00-09:30	Discussion	Interaction		
09:30-10:00	Coffee Break			

## Complex Osteotomies

10:00-10:15	Double level Osteotomies	Lecture	Dr. Emad Hassan Qasim	Mod: Dr. Laween Omar Musa
10:15-10:30	Combined Procedures	Lecture	Dr. Mohammed Saeed	
10:30-10:45	Slope corrections	Lecture	Dr. Khalil Ibraheem	
10:45-11:00	PFJ instability and Derotation osteotomy	Lecture	Dr. Siegfred Hofmann	
11:00-11:30	Discussion	Interaction	All	
11:30-12:00	Case Challenge: Complex Osteotomy	Interaction	Dr. Siegfred Hofmann	
12:00-12:15	Summary and Certificates		Dr. Laween Omar Musa	
12:15-13:00	Lunch break			

## Primary TKA

Dr. Laween Omar Musa &  
Dr. Siegfred Hofmann

13:00-14:00	Course Registration			
14:00-14:20	Welcome and Course introduction			
14:20-14:35	Patient selection	Lecture	Dr. Emad Hassan Qasim	Mod: Dr. Mahmood Shihab
14:35-14:50	Planning	Lecture	Dr. Siegfred Hofmann	
14:50-15:05	Implant choice	Lecture	Dr. Arewan Mohammed	
15:05-15:15	Discussion	Interaction	All	
15:15-15:45	Case Challenge: Planning and implant choice	Interaction	Dr. Siegfred Hofmann	
15:45-16:15	Coffee Break			
16:15-16:30	Approach	Lecture	Dr. Mohammed Saeed	Mod: Dr. Khalil Ibraheem
16:30-16:45	Proper bone cuts	Lecture	Dr. Siegfred Hofmann	
16:45-17:00	Rotational Positioning	Lecture	Dr. Mahmood Shihab	
17:00-17:15	Discussion	Interaction	All	
17:15-17:45	Case Challenge: Proper bone cuts	Interaction	Dr. Siegfred Hofmann	
17:45-18:15	Coffee Break			
18:15-18:30	Balancing	Lecture	Dr. Siegfred Hofmann	Mod: Dr. Mohammed Saeed
18:30-18:45	Patella management	Lecture	Dr. Khalil Ibraheem	
18:45-19:00	Fixation	Lecture	Dr. Arewan Mohammed	
19:00-19:15	Post OP management	Lecture	Dr. Emad Hassan Qasim	
19:15-19:30	Discussion	Interaction	All	
19:30-20:00	Case Challenge: Balancing	Interaction	Dr. Siegfred Hofmann	
20:00	End of 2 <sup>en</sup> Day			



## Primary Tka

08:00-08:30	Live Video Varus TKA	Video	Dr. Siegfred Hofmann	Mod: Dr. Arewan Mohammed
08:30-09:00	Live Video ValgusTKA	Video	Dr. Siegfred Hofmann	
09:00-09:30	Discussion	Interaction		

## Company Workshops 1

09:30-10:30	Tips & Tricks Primary TKA	Interaction	Dr. Mahmood Shihab	Mod: Dr. Siegfred Hofmann
10:30-11:00	Coffee Break			

## Complex Primary

11:00-11:15	Complex primary Principles	Lecture	Dr. Mahmood Shihab	Mod: Dr. Emad Hassan Qasim
11:15-11:30	Severe varus/valgus deformtiy	Lecture	Dr. Mohammed Saeed	
11:30-11:45	Flexion contracture & recurvatum	Lecture	Dr. Khalil Ibraheem	
11:45-12:00	Dealing with bony defects	Lecture	Dr. Siegfred Hofmann	
12:00-12:30	Discussion	Interaction	ALL	
12:30-14:00	Case Challenges Iraqi Patients	Interaction	ALL	
14:00-15:00	Lunch Break			

## Dealing with infections

15:00-15:15	How to diagnose infection	Lecture	Dr. Mohammed Saeed	Mod: Dr. Khalil Ibraheem
15:15-15:30	Options for infected TKA	Lecture	Dr. Mahmood Shihab	
15:30-15:45	Live Video AB spacer prosthesis	Video	Dr. Siegfred Hofmann	
15:45-16:15	Discussion	Interaction	ALL	
16:15-16:45	Case Challenge: Infected TKA	Interaction	Dr. Siegfred Hofmann	
16:45-17:15	Coffee Break			

## Company Workshops 2

17:15-18:15	Tips & Tricks Complex Primary	Interaction	Dr. Siegfred Hofmann	Mod: Dr. Mahmood Shihab
18:15-18:30	Summary and Certificates		Dr. Laween Omar Musa	

# Previous Course



# Previous Course



