

Residency Basic Knee & Hip Arthroplasty Cadaveric Course



29 – 30 April 2017, Saturday - Sunday
9.00am to 6.00pm | Academia
Level 2, Seminar Room L2-S2
Basement, Procedural Skills Lab 1B, 1C
20 College Road, Singapore 169856 (Located in SGH Campus)
The course is supported by the Chapter of Orthopaedic Surgeons, College of Surgeons, Singapore



INTRODUCTION

Total Hip and Knee Replacements remain the gold standard for the treatment of end-stage arthritis in terms of pain relief, functional improvement and patient satisfaction. Delivering excellent clinical outcome and robust longevity requires a keen appreciation of the surgical tenets, peri-operative management and potential complications along with purposeful and meticulous technique inclusive of the bony preparation and soft tissue envelope handling.

Along side didactic lectures and case discussions, the main focus of the 2-day course will be to provide participants with the opportunity to perform cadaveric knee and hip replacement independently under the supervision and guidance of experienced arthroplasty surgeons.

COURSE OBJECTIVES

At the end of the course, participants will have a better understanding of the following:

- Surgical principles of joint replacement
- Techniques for deformity correction
- Pain management
- Perioperative therapy
- Avoiding and dealing with postoperative complications

Participants will also be afforded ample opportunity to perform the various aspects of the arthroplasty procedure including achieving a proper exposure, methodical soft tissue releases and proper bony preparation to achieve optimal component position.

WHO SHOULD ATTEND

This course is specifically targeted for orthopaedic residents

REGISTER BY 14 APRIL 2017

Course Fee: **SGD 150 (Academy of Medicine, Singapore (AMS) Members) | SGD 300 (Non-AMS Members)**

- Fee is inclusive of 7% GST and non-refundable
- Certificate of Attendance will be issued to those who attend 75% of the workshop
- CME Points: 4 (Application in progress)

For registration, email your name, institution, department and contact details to bened_thong@ams.edu.sg

The SingHealth Duke-NUS Institute of Medical Simulation (SIMS) is one of Singapore's largest simulation centres with a comprehensive range of simulation modalities, training programmes and cutting-edge facilities. SIMS is committed to delivering quality simulation training by providing a safe and supervised environment for healthcare professionals to sharpen their clinical skills. The institute draws upon the synergy of collective expertise, curriculum and resources in SingHealth and Duke-NUS. SIMS aims to be the leading global institution in medical simulation, pushing frontiers in medical education to advance patient care.



Institute of Medical Simulation

PROGRAMME

Day 1: Saturday, 29 Apr

Time (hrs)	Details	Faculty
0830	Registration	
0900	Welcome and Introduction	Dr Poon Kein Boon
	Session I: Principles in TKR	
0910	Patient selection and decision making in TKR	Dr Tan Sok Chuen
0930	Implant selection and approaches in TKR	Dr Adrian Lau Cheng Kiang
0950	TKR in varus deformity	Dr Siow Wei Ming
1010	TKR in valgus deformity	Dr Pang Hee Nee
1030	Discussion and Q&A	
1050	Tea Break and Group Photo	
	Session II: Surgical skill in TKR	
1130	Demonstration of primary TKR (Anatomical dissection)	Dr Poon Kein Boon Dr Siow Wei Ming
1230	Lunch	
1330	Practical exercise with anatomical dissection in TKR	
1600	Tea Break	
	Session III: Complications and case discussion in TKR	
1620	Complications in TKR	Dr Poon Kein Boon
1640	Case discussion	Dr Darren Tay Keng Jin
1730	End of the Course	

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Institute of Medical Simulation

PROGRAMME

Day 2: Sunday, 30 Apr

Time (hrs)	Details	Faculty
0830	Registration	
0900	Welcome and Introduction	Dr Philip McGraw
	Session I: Principles of THR	
0910	Pre-operative assessment (inc luding templating)	Dr Chia Wei Liang
0930	Current Concepts in Peri-Operative Analgesia for THR patients	Dr Darell Tupper-Carey
0950	Principles of Uncemented THR	Dr Alan Cheung
1010	Principles of Cemented THR	Dr Philip McGraw
1030	Peri-operative therapy management of the THR patient	Ms Rachel-Kim Dallimore
1050	Discussion and Q&A	
1100	Tea Break & Group Photo	
	Session II: Surgical Skills in THR	
1130	Demonstration of primary THR	Dr Alan Cheung Dr Philip McGraw
1230	Lunch	
1330	Practical exercise with anatomical dissection in THR	
1600	Tea Break	
	Session III: Case discussion in THR	
1620	Case discussion	Dr Darren Tay Keng Jin
1700	End of the Course	

COURSE DIRECTOR

Ng Teng Fong General Hospital	Dr Philip McGraw	Director & Senior Consultant, Hip & Knee Service
Seng Kang Health	Dr Poon Kein Boon	Director & Senior Consultant, Hip & Knee Service

TEACHING FACULTY

Changi General Hospital	Dr Adrian Lau Cheng Kiang	
National University Hospital	Dr Chia Wei Liang	
Ng Teng Fong Hospital	Dr Tan Sok Chuen	Dr Darell Tupper-Carey
	Dr Alan Cheung	Ms Rachel-Kim Dallimore
Singapore General Hospital	Dr Darren Tay Keng Jin	Dr Pang Hee Nee
	Dr Siow Wei Ming	

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