

CURRICULUM VITAE

PERSONAL DETAIL



DR. TEO SEOW HUI

Department of Orthopaedic Surgery
Faculty of Medicine

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📍 Department of Orthopaedic Surgery, Faculty of Medicine, University of Malaya, 50603 Kuala Lumpur, MALAYSIA

ACADEMIC QUALIFICATION

(Qualification), (Institution).

FELLOWSHIP (SPORT INJURIES AND JOINT RECONSTRUCTION ARTHROSCOPY SURGERY), DEPARTMENT OF ORTHOPAEDIC SURGERY, UM

FELLOWSHIP (SHOULDER & KNEE ARTHROSCOPIC ORTHOPEDIC SURGERY), KANGBUK SAMSUNG HOSPITAL, KOREA

MS ORTHO, UNIVERSITY OF MALAYA (UM)

MRCS, ROYAL COLLEGE OF SURGEONS IN IRELAND, UK

MBBS, INTERNATIONAL MEDICAL UNIVERSITY

PROFESSIONAL

(Organisation), (Role), (Year), (Level).

Asia Pacific Orthopaedic Association, Life Member, 2014, (International)

Malaysian Arthroscopic Association, Life Member, 2014, (National)

National Orthopaedic Curriculum Development Group, Committee, 2015, (National)

3rd Malaysian Arthroscopy Society AGM/ASM incorporating 3rd Asian Cartilage repair Society Meeting 2015, Scientific Committee, 2015, (International)

Malaysian Orthopaedic Association, Life Member, 2016, (National)

National Specialist Register, Member, 2016, (National)

Malaysian Arthroscopy Society, Committee Member, 2017 to 2019, (National)

7th Annual Meeting of the ASEAN Society for Sports Medicine and Arthroscopy (ASSA) & Malaysian Arthroscopy Society (MAS) Annual Scientific Meeting / Annual General Meeting 2019, Scientific Committee, 2019 to 2019, (National)

ADMINISTRATIVE DUTIES

(Role), (Level), (Start date),(End Date).

Committee - National Orthopaedic Curriculum Committee (NOCC), National, 05/03/2019 to 04/03/2020
Committee - Orthopaedic Specialty Committee Question Feb 2019, National, 25/02/2019 to 27/02/2019 (CBO Part 2 Examination Questions Vetting)
Secretariat - National Orthopaedic Postgraduate Trainee Selection Process 2019/2020, National, 22/01/2019 to 24/01/2019 (Faculty of Medicine and Health Sciences, Universiti Putra Malaysia (UPM), Serdang)
Internal Assessor for Masters Clinical Research Report (Thesis) , Faculty, 20/08/2018 to 10/09/2018
Examiner - Barrier Assessment (BA) Stage 1 (MBBS) Session 2017/2018 - OSCE Paper, Faculty, 25/07/2018 to 25/07/2018
Invigilator - MBBS End of Posting Examination (Cohort 2014), Faculty, 23/05/2018 to 23/05/2018
Examiner - Conjoint Board of Orthopaedics Examination Part 2 April/May 2018, National, 25/04/2018 to 04/05/2018
Invigilator - Conjoint Board of Orthopaedics Examination Part 2 (Written Examination), National, 24/04/2018 to 24/04/2018 (For Conjoint Board of Orthopaedics)
Clinical Examiner - MBBS Professional Examination 3.2 2016/2018, Faculty, 11/04/2018 to 12/04/2018 (MBBS Final Examination)
Examiner - Conjoint Board of Orthopaedics Examination Part 1 , National, 10/04/2018 to 10/04/2018 (For Conjoint Board of Orthopaedics)
Committee - Orthopaedic Specialty Committee Part 2 Question Preparation, National, 05/02/2018 to 07/02/2018 (OSC Part 2 2018)
Invigilator - Final Examination MBBS 2015/2017, Faculty, 15/01/2018 to 22/01/2018
Examiner - OSCE Stage 1 (MBBS) Barrier Assessment Session 2016/2017 , Faculty, 10/07/2017 to 10/07/2017 (OSCE Stage 1 (MBBS) Barrier Assessment Session 2016/2017)
Committee Member - Postgraduate (Clinical) Committee, Department of Orthopaedic Surgery , Faculty, 05/07/2017 to 31/12/2020
Invigilator -MBBS Final Examination Session 2015/2017 (Long Case), Faculty, 15/06/2017 to 15/06/2017 (MBBS Final Examination Session 2015/2017 (Long Case))
Examiner: OSCE BASIC SCIENCES (ORTH) AND CONJOINT BOARD PART 1 EXAMINATION, National, 29/11/2016 to 29/11/2016 (BASIC SCIENCES (ORTH) AND CONJOINT BOARD PART 1 EXAMINATION)
Advisor and Reviewer - Health Screening Test Results for Staff at NOCERAL, University Malaysia, Faculty, 08/08/2016 to 08/08/2016 (Advisor and Reviewer on Health Screening Test Results for Staff at NOCERAL, Department of Orthopaedic Surgery, University Malaysia)
Committee - National Orthopaedic Curriculum Committee (NOCC) , National, 29/07/2016 to 27/02/2019
Examiner: OSCE Final Exam MBBS Session 2014/2016, University Malaya, 15/06/2016 to 15/06/2016 (Examiner: OSCE Final Exam MBBS Session 2014/2016)
Invigilator for Written paper: Final MBBS exam Session 2014/2016, University Malaya, University Malaya, 14/06/2016 to 14/06/2016 (Invigilator for Written paper: Final MBBS exam Session 2014/2016, University Malaya)
Examiner: OSCE Stage 2 MBBS- RSA1, Session 2015/2016, University Malaya, 06/01/2016 to 06/01/2016 (Examiner: OSCE Stage 2 MBBS- RSA1, Session 2015/2016)
Examiner: OSCE Stage 2(MBBS-UMMP) BA session 2014/2015, University Malaya, 03/08/2015 to 03/08/2015 (Examiner: OSCE Stage 2(MBBS-UMMP) BA session 2014/2015)

Examiner: OSCE stage 1 (MBBS-UMMP) Barrier Assessment Session 2014/2015, University Malaya, 14/07/2015 to 14/07/2015 (Examiner: OSCE stage 1 (MBBS-UMMP) Barrier Assessment Session 2014/2015)

Committee Members in National Curriculum Development Group, National, 08/06/2015 (National Orthopaedic Curriculum Development Group)

Coordinator: For Department of orthopaedic surgery for Final MBBS Session 2013/2015 exam, University Malaya, 06/04/2015 to 13/04/2015 (Coordinator: For Department of orthopaedic surgery for Final MBBS Session 2013/2015 exam)

Examiner: OSCE Stage 2 MBBS (UMMP-RSA 1) Session 2014/2015, University Malaya, 02/12/2014 to 02/12/2014 (Examiner: OSCE Stage 2 MBBS (UMMP-RSA 1) Session 2014/2015)

AREAS OF EXPERTISE

(Area).

Orthopaedics (Sport Injury and Arthroscopic Surgery)

RECENT SELECTED PUBLICATIONS

(Publication).

Article in Academic Journals

2019

Ling, J. L., Teo, S. H., Al-Fayyadh, M. Z. M., Ali, M. R. M., & Ng, W. M. (2019). Low-cost self-made arthroscopic training camera is equally as effective as commercial camera: A comparison study. *Arthroscopy*, 35(2), 596-604. *(ISI-Indexed)*



(file/publication/00013879_170110_82352.pdf)

2018

Lee, Y. S., Lee, O. S., Lee, S. H., Teo S. H. (2018). Effect of the timing of anterior cruciate ligament reconstruction on clinical and stability outcomes: A systematic review and meta-analysis. (2018). *Arthroscopy*, 34(2), 592-602. *(ISI-Indexed)*



(file/publication/00013879_162392_74157.pdf)

Lee, O. S., Ahn, S., Ahn, J. H., Teo, S. H., & Lee, Y. S. (2018). Effectiveness of concurrent procedures during high tibial osteotomy for medial compartment osteoarthritis: a systematic review and meta-analysis. *Arch Orthop Trauma Surg*, 138(2), 227-236. *(ISI-Indexed)*



(file/publication/00013879_160237_72057.pdf)

2017

F Iranpour, AM Merican, SH Teo, JP Cobb. (2017). Femoral Articular Geometry and Patellofemoral Stability. *Knee*. 24(3), 555-563. doi: 10.1016/j.knee.2017.01.011 *(ISI-Indexed)*



(file/publication/00013879_149665_62446.pdf)

Wuey Min Ng, Mohamed Zubair Mohamed Al-Fayyadh, Julius Kho, Teo Seow Hui, Mohamed Razif Bin Mohamed Ali, Crossing Suture Technique for the Osteochondral Fractures Repair of Patella. *Arthrosc Tech*. 2017 Aug; 6(4): e1035–e1039. *(ISI-Indexed)*

Seung Hoon, L., O-Sung, L., Seow Hui, T., & Yong Seuk, L. (2017). Change in gait after high tibial osteotomy: A systematic review and meta-analysis. *Gait & Posture*. 57, 57-68. <http://dx.doi.org/10.1016/j.gaitpost.2017.05.023> *(ISI-Indexed)*



(file/publication/00013879_153028_66675.pdf)

Yong Seuk, L., Seow Hui, T., Jin Hwan, A., O-Sung, L., Seung Hoon, L., & Je Ho, L., (2017). Systematic Review of the Long-term Surgical Outcomes of Discoid Lateral Meniscus. *Arthroscopy: The Journal of Arthroscopic and Related Surgery*. 33(10), 1884-1895. DOI:

<http://dx.doi.org/10.1016/j.arthro.2017.04.006> (*ISI-Indexed*)

 (file/publication/00013879_153029_66676.pdf)

YS Lee., Stephen M.H., YY Won., OS Lee., SH Lee., H Vahed.i, SH Teo. (2017) Kinematic alignment is a possible alternative to mechanical alignment in total knee arthroplasty. *Knee Surg Sports Traumatol Arthroscopy*. 25(11), 3467-3479. DOI 10.1007/s00167-017-4558-y (*ISI-Indexed*)

 (file/publication/00013879_150973_66678.pdf)

2016

Mohd Fairudz BMM, Mohamed Zubair MAF, Teo SH, Mohamed Razif BMA, Ng WM. 2016. Soft- Tissue Loop for Medial Patellofemoral Ligament Reconstruction. *Arthroscopy Techniques* 5(2):e321-327 (*ISI/SCOPUS Indexed Publication*)

 (file/publication/00013879_141745.pdf)

Mohd Fairudz BMM, Mohd Shahril BAS, Teo SH, Mohamed Zubair MAF, Mohamed Razif BMA, Ng WM. Correlation between Anatomy of the Scapula and The Incidence of Rotator Cuff Tear and Glenohumeral Osteoarthritis Via Radiological Study. *Journal of Orthopaedic Surgery*, 25(1), 2309499017690317. (*ISI-Indexed*)

 (file/publication/00013879_141747.pdf)

2011

Teo SH, Teh KK, L Azura, Ng YO. 2011. The Great Mimic Again? A case of Tuberculosis Knee. *Malaysian Orthopaedic Journal* 5(3):32-34 (*SCOPUS-Indexed*)

 (file/publication/00013879_141743.pdf)

AREAS OF RESEARCH

(Project title), (Role), (From)-(Until), (Level), (Source).

Elucidation Of The Complex Molecular Crosstalk Between Synovial Fibroblasts And Chondrocytes In Osteoarthritis, Consultant, 2019 - 2020, *Fundamental Research Grant Scheme (FRGS)*, (National)

A Novel Investigation Into The Effects Of The Mscs Secretome On Fibroblasts Derived From The Chronically Inflamed Synovium Characteristic Of Osteoarthritis, Consultant, 2019 - 2020, *Fundamental Research Grant Scheme (FRGS)*, (National)

A novel analysis of exosome populations as markers of osteoarthritis progression and a potential source of disease attenuation via genomic characterization and functional delineation, Principal Investigator(PI), 2017 - 2020, *Fundamental Research Grant Scheme (FRGS)*, (National)

The Patellar Insertion of the Medial Patellofemoral Ligament: A Cadaveric Study with Histology and imaging correlation, Principal Investigator(PI), 2016 - 2019, *Bantuan Kecil Penyelidikan (BKP)*, (National)

BIOMECHANICAL EVALUATION OF SOFT TISSUE LOOP TECHNIQUE AND OTHER BONY METHODS FOR MEDIAL PATELLOFEMORAL LIGAMENT RECONSTRUCTION, Consultant, 2016 - 2017, *Bantuan Kecil Penyelidikan (BKP)*, (National)

AWARDS AND RECOGNITIONS

(Name of Award), (Awarding Institution), (Year Awarded), (Level).

Gold Medal - Innovation Competition Day 2018, Universiti Teknologi Mara, 2018, (National)

Korean Orthopaedic Association 2017 : Outstanding Lecture On Anatomical Medial Patellofemoral Ligament Insertion to The Patella: More Than a Cadaveric Study , The Korean Orthopaedic Association , 2017, (International)

Best Outstanding Paper Presenter of Lower Extremity Award, Conmed Linvatec Asia Arthroscopy Symposium, Conmed Linvatec Asia Arthroscopy Symposium, 2016, (International)

Stem Cell Based Tendon Repair and Regeneration System, International Conference and Exposition On Inventions by Institutions of Higher Learning, 2015, (International)

PRESENTATIONS

(Title), (Event), (Date Presented), (Organiser), (Level).

INVITED SPEAKER

Recent anatomy and biomechanics of Medial Patellofemoral Ligament, 3rd Malaysian Arthroscopic Society AGM/ASM and 3rd Asian Cartilage Repair Society Meeting 2015, 2015-10-29 to 2015-10-31, Malaysian Arthroscopic Society, (National)

MPFL footprint insertion on patella: More than just a Cadaveric Study, 9th ConMed Linvatec Asia Arthroscopy Symposium, 2016-06-24 to 2016-06-25, ConMed Asia, (International)

The new Trends in Medial Patellofemoral Ligament Reconstruction, The 4th Asian Cartilage Repair Society Congress 2016 & The 1st ICRS- China Scientific Meeting incorporating The 19th China National Arthroscopy Skill Course, 2016-10-14 to 2016-10-17, The 4th Asian Cartilage Repair Society Congress The 19th China National Arthroscopy Skill Course, (International)

Knee Examination, Kangbuk Samsung Hospital, Morning Symposium, 2017-05-12 to 2017-05-12, Department of Orthopaedic Surgery Kangbuk Samsung Hospital, School of Medicine, Sungkyunkwan University, Seoul, Korea., (International)

Orthopaedic Training in Malaysia, Kangbuk Samsung Hospital, Morning Symposium, 2017-06-02 to 2017-06-02, Department of Orthopaedic Surgery Kangbuk Samsung Hospital, School of Medicine, Sungkyunkwan University, Seoul, Korea. , (International)

Fellowship: Lessons Learned , Wednesday Morning Symposium , 2017-06-21 to 2017-06-21, Research Management Centre, Faculty of Medicine, University of Malaya, (University)

Arthroscopic All-Inside Cruciate Vertical Meniscus Suturing Technique, 10th (ConMed Linvatec Asia Arthroscopy Symposium)CLAAS Symposium, 2017-07-07 to 2017-07-08, ConMed Linvatec, (International)

Introduction to Arthroscopic Surgery , Sports Medicine Symposium Theme: Exercise, Sports Injuries and Sports Surgery, 2017-07-19 to 2017-07-20, Sports Medicine Unit and Orthopaedic Department, Hospital Tengku Ampuan Rahimah, Klang, (National)

Musculoskeletal system, Conjoint Board of Orthopaedic (CBO) Part 1/ Basic Sciences Examination (BSE) Monthly Course (Speaker), 2017-09-18 to 2017-09-20, National Orthopaedic Centre of Excellence in Research and Learning (NOCERAL), Faculty of Medicine, University of Malaya, (University)

Anatomical Medial Patellofemoral Ligament Insertion to the Patella: More Than A Cadaveric Study, 61st Annual Congress of the Korean Orthopaedic Association , 2017-10-19 to 2017-10-21, The Korean Orthopaedic Association, (International)

Knee Joint Aspiration and Injection , Spine Instructional Course 2018, 2018-03-04 to 2018-03-04, Spine Research Unit, NOCERAL, Department of Orthopaedic Surgery, Faculty of Medicine, University of Malaya, (National)

Post-op Rehab Protocol, ASEAN Intermediate Knee Arthroscopy Instructional Course, 2018-03-22 to 2018-03-22, Smith & Nephew Pte Ltd, (International)

Recent Concept of Bony Defect in Shoulder Instability, All Around the Shoulder Symposium , 2018-07-14 to 2018-07-14, Malaysian Arthroscopy Society, (National)

Paediatric Meniscus Disorders, 6th Malaysian Arthroscopy Society Annual Scientific Meeting 2018., 2018-10-26 to 2018-10-26, Malaysian Arthroscopy Society (MAS), (National)

Knee Joint Aspiration & Injection, SPINE INSTRUCTIONAL COURSE 2019, 2019-01-13 to 2019-01-13, National Orthopaedic Centre of Excellence for Research and Learning , (National)

ORAL

A new Arthroscopic sliding knot: A biomechanics and ease of learning comparison study with other standard sliding knots., 44th Malaysian Orthopaedic Association Annual General Meeting / Annual Scientific Meeting Incorporating 11th CAOS Asia Meeting 2014, 2014-05-29 to 2014-06-01, Malaysian Orthopaedic Association, (National)

POSTER

Fungal Infection post primary total knee replacement: Case report and Literature review, 44th MOA and 11th CAOS Asia Meeting 2014, 2014-05-29 to 2014-06-01, MOA, (National)

Valgus Slipped Upper Femoral Epiphysis: A case report, 44th MOA and 11th CAOS Asia Meeting 2014, 2014-05-29 to 2014-06-01, MOA, (National)

The Review Of Treatment Of The Recalcitrant Tennis Elbow, Malaysian Arthroscopy Society 5th Annual Scientific Meeting and Annual General Meeting, 2017-10-27 to 2017-10-29, Malaysian Arthroscopy Society , (International)

EVENT ORGANISER

Cartilage Repair, Noceral Cartilage repair Cadaveric Workshop 2015, 2015-10-28 to 2015-10-28, National Orthopaedic Center of Excellence for Research and learning Department of Orthopaedic Surgery, UM, (International)

Knee Arthroscopy , 8th Basic Techniques in Arthroscopic Surgery Workshop , 2017-10-23 to 2017-10-24, Department of Orthopaedic Surgery,, (University)

Knee Arthroscopy , 11th Basic Techniques in Arthroscopic Surgery Workshop , 2018-12-03 to 2018-12-04, Department of Orthopaedic Surgery , (National)

EVALUATION ACTIVITIES

(Description), (Evaluation Activity),(Year).

Malaysian Orthopaedic Journal, Article In Journal , (2019 - 2019)

Malaysian Journal of Medicine & Health Sciences, Article In Journal , (2018 - 2018)

Malaysian Orthopaedic Journal, Article In Journal , (2018 - 2018)

Journal of Orthopaedic Surgery and Research, Article In Journal , (2018 - 2018)

6th Malaysian Arthroscopic Society ASM 2018, Abstracts , (2018 - 2018)

Journal of Orthopaedic Surgery and Research, Article In Journal , (2017 - 2017)

Journal of Orthopaedics Surgery and Research, Article In Journal , (2016)

CONTRIBUTION TO SOCIETY

(Contribution To Society), (Level), (Start Date), (End Date).

Limbs for Life Prostheses Centre, (Community), 11/08/2018 until 11/08/2018

Rotary Club Free Medical Camp , (Community), 15/07/2018 until 15/07/2018

Advisor and Reviewer on Health Screening for Staff at NOCERAL department, University Malaysa., (Department), 01/01/2017 until 31/12/2017

Free Rotary Medical Camp, (National), 03/04/2016 until 03/04/2016

Rotary Club Medical Camp Klang, (community), (National), 28/03/2015 until 28/03/2015

SUPERVISION

POST GRADUATE STUDENT

(Name of Degree), (Name of Candidates), (Title of Thesis), (Academic Session)

Ongoing

Master Degree, Wong Fu Chong, Undetermined, 2018/2019

Master Degree, Wong Yih Jiun, How safe is the Medial Portal for shoulder Arthroscopic Surgery: A Cadaveric Study, 2017/2018

Master Degree, Low Chin Aun, Medial Hamstring tendon regeneration following harvest for ACL reconstruction: a comparison between two different techniques of graft harvesting, 2016/2017

Master Degree, Ling Jian Loong, Comparing the effectiveness of using a home made webcam with real arthroscopy camera in Arthroscopy Training, 2015/2016

Master Degree, Warren Erwin Nicholas, A kinematic Study of the contact force exerted onto the suprascapular nerve in the Suprascapula notch in the Cadaveric Shoulder, 2015/2016

Master Degree, Muhammad Hafiz Bin Hashim, Biomechanical Comparison of New Achilles Tendon Rupture Repair Technique 'The Gift Box' vs The Krackow Technique in New Zealand White Rabbits: An Experimental Animal Study, 2014/2015

Completed

Master Degree, Sugesh Raghavan, An anatomical study of the Kaplan fibres and anterolateral ligament of Caucasian and Asian knee, 2014/2015

FIRST DEGREE/DIPLOMA/PRE-DEGREE

(Course Title), (Academic Session), (No. of Candidates)

Ongoing

MBBS Mentor-Mentee Programme, 2018/2019, 1

MBBS Mentor-Mentee Programme, 2017/2018, 1

Completed

Elective Posting, 2016/2017, 1

TEACHING

(Course Title), (Academic Session), (No of Student), (No of Contact Hours).

POST GRADUATE

Master Orthopaedic Surgery Clinical Teaching, 2015/2016(1,2,3), 70, 0

FIRST DEGREE

Clinical Teaching for MBBS student, 2015/2016(1,2,3), 250, 0