LEE KONG CHIAN SCHOOL OF MEDICINE

GRADUATE DIPLOMA IN SPORTS MEDICINE

Singapore’s first Graduate Diploma in Sports Medicine
Lee Kong Chian School of Medicine
The Lee Kong Chian School of Medicine, Nanyang Technological University, Singapore (NTU Singapore) is training doctors who put patients at the centre of their exemplary care. The School, which offers both undergraduate and graduate programmes, is named after local philanthropist Tan Sri Dato Lee Kong Chian. Officially opened on 28 August 2017 by Singapore’s Deputy Prime Minister Mr Teo Chee Hean, LKCMedicine aims to be a model for innovative medical education and a centre for transformative research. The School’s primary clinical partner is the National Healthcare Group, a leader in public healthcare recognised for the quality of its medical expertise, facilities and teaching.

Graduates of the five-year undergraduate medical degree programme that started in 2013 will have a strong understanding of the scientific basis of medicine, with an emphasis on technology, data science and the humanities. The School’s first doctors graduated in 2018 with Bachelor of Medicine and Bachelor of Surgery (MBBS) degrees awarded jointly by NTU Singapore and Imperial.

Changi General Hospital
Changi General Hospital (CGH) is an award-winning public hospital with over 1,000 beds serving a community of 1.4 million people in eastern Singapore. CGH offers a comprehensive range of medical specialties and services, helmed by a highly experienced and skilled team of healthcare professionals who consistently deliver excellent health outcomes and care for patients. CGH is a member of the SingHealth cluster of healthcare institutions.
ABOUT THE PROGRAMME
The Lee Kong Chian School of Medicine, in partnership with Singapore Sport & Exercise Medicine Centre @ Changi General Hospital, has launched the only Graduate Diploma in Sports Medicine (GDSM) in Singapore and Asia for medical doctors interested in extending their training in a growing area of need.

Demand for sports medicine services and ageing-related musculoskeletal injuries is rising in tandem with ageing populations and as more people take up exercise to stay healthy. In Singapore, such expertise is currently only available at a small group of specialist clinics.

The GDSM programme, aimed primarily at doctors registered with the Singapore Medical Council, will equip you with the knowledge and skills needed to confidently perform pre-participation screening for sport and exercise, manage general and sports-related musculoskeletal injuries in primary care setting, and provide medical support for sports programmes and events, among other skills.

Endorsement by Singapore Medical Council
Endorsed by the Singapore Medical Council (SMC), graduates of the GDSM can display the qualification in their clinics to attest to the additional skills they possess. 50 CME points (non-core points will be awarded for non-Sports Medicine specialist) will be awarded to SMC-registered doctors upon successful completion of the programme.
“While sports medicine has its roots in caring for athletes, it can also play important roles in chronic disease prevention and management, and in caring for the elderly who are prone to musculoskeletal injuries.

“Equipping general practitioners and family medicine physicians with this additional knowledge and skillset brings care to the heartlands, so that injuries can be prevented and managed at the primary care level, and more complicated cases can be promptly referred to the specialist clinics.”

Adjunct Associate Professor Benedict Tan
Chief of Sport & Exercise Medicine at Changi General Hospital
Chairman of the Graduate Diploma in Sports Medicine Advisory Committee

“Prior to this, such courses were only available in Australia, the United Kingdom and the United States. The Graduate Diploma in Sports Medicine will provide doctors interested in sports and exercise medicine with an accessible and professionally recognised training programme that will benefit both their practice and patients.

“Furthermore, there is increasing evidence regarding the role of physical activity in the prevention and management of chronic diseases such as obesity, hypertension, coronary heart disease and diabetes. The skills imparted will enable doctors to use exercise as a tool in the battle against these diseases with confidence.”

Adjunct Associate Professor Roger Tian
Senior Consultant Sport & Exercise Medicine Center, Changi General Hospital
Course Director (Clinical), Graduate Diploma in Sports Medicine Programme

“Sports injuries see better outcomes when given prompt attention, and that is why primary care doctors need to be better equipped to manage these injuries.”

Adjunct Associate Professor Roger Tian
Senior Consultant Sport & Exercise Medicine Center, Changi General Hospital
Course Director (Clinical), Graduate Diploma in Sports Medicine Programme

Dr Fabian Lim
Programme Director, Graduate Diploma in Sports Medicine Programme

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COURSE OVERVIEW
The one-year part-time programme consists of six online modules, three workshops, summary training and 20 hours of clinical attachment at sports medicine clinics across Singapore.

<table>
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<tr>
<th>2 Online Modules (July - October)</th>
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<tbody>
<tr>
<td>• Sports Injuries I</td>
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<td>• Sports Injuries II</td>
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<th>Workshop I (October)</th>
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<tr>
<td>• Physical examination techniques</td>
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<th>2 Online Modules (October - January)</th>
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<tbody>
<tr>
<td>• Principles of Sports and Exercise Medicine</td>
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<td>• Medical Considerations in Sports and Exercise</td>
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<th>Workshop II (January)</th>
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<tr>
<td>• Exercise prescription practicum</td>
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<th>2 Online Modules (January - April)</th>
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<tr>
<td>• Exercise in special populations</td>
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<td>• Thermal stress, Drug Use in Sports, Sports Nutrition and Event Medical Cover</td>
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<th>Workshop III (April)</th>
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<td>• Physiological - lecture &amp; demonstration and Testing for sports performance</td>
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2.5-day Summary Training (May)

Objective Structured Clinical Examination (OSCE) (June)

Final Examination (June / July)

Note: The curriculum map is applicable to the AY21-22 cohort.
Admissions Criteria
Degree Requirements
1. General Practitioners with at least six years post-Bachelor of Medicine, Bachelor of Surgery qualification or equivalent; or
2. Family Medicine Physicians and other SMC-registered Specialists; or
3. General Practitioners with a Graduate Diploma in Family Medicine (GDFM); and
4. Hold a primary medical qualification endorsed by the Singapore Medical Council.
Doctors with conditional or temporary registration must have a letter of recommendation from their Head of Department.

Other Requirements (if applicable)
Applicants whose MBBS qualification is not from a local autonomous university are required to furnish evidence of proficiency in English language if the medium of instruction was not English.

APPLICATION & INTAKE COMMENCEMENT DATE
January to April every year. Please check the LKCMedicine website for the application timeline. Each submitted application must be accompanied by a non-refundable application fee of S$50

TUITION FEE
Period of study : 1 year S$6,600 (excludes GST, all course materials and books)
Student services fee : S$251 (includes GST, for two semesters; subject to change)
Location of study : Singapore (for practical component of the programme)

Successful applicants are allowed one deferment before course commencement. Each deferment is for a period of one academic year (i.e. one intake).
WHAT GDSM STUDENTS SAY

“The learning outcome thus far is that I am able to apply the knowledge in clinical setting, and application is relatively easy without the use of specific equipment. I have come to understand the demands of sports from a physiological, bio-mechanical, physical and social perspective.”

Dr Lee Kaixin
General Practitioner at Japan Green Clinic

“I hope to apply the knowledge gained from the course to serve society well. The programme is well-planned and with clear deadlines to complete.”

Dr Jong Sze Chin
Senior Resident at TTSH Rehabilitation Centre & Thye Hua Kwan Hospital

“The e-learning platform allows me to complete the modules at my own pace while juggling full-time clinical work.”

Dr Lee Chengjie
Emergency Medicine Specialist at Sengkang Hospital

CONTACT US
For enquiries and details on upcoming information sessions, please contact us:

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Telephone : (+65) 6904 7153
Website : www.ntu.edu.sg/medicine/education/graduate-programmes/GDSM