

Foundation course on MSK regenerative medicine: Principles and techniques



Date: 6 June 2025

Venue: The Gordon Museum of Pathology, London

CPD: 6 credits (applied for)

Foundations course on MSK regenerative medicine: Principles and techniques

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 The Gordon Museum of Pathology, London

Convenor:

Professor Paul Lee,
Consultant Trauma and Orthopaedic Surgeon,
London Cartilage Clinic, Harley Street and
University of Lincoln

Registration fees

Early bird rate: £200 (Expires on 6 March 2025)

Book your space here: <https://bit.ly/4hCRcfu>

Educational aims and objectives

This event is designed for junior doctors, medical residents, junior orthopaedic trainees, GP trainees, sports medicine trainees and GPs with a special interest in MSK.

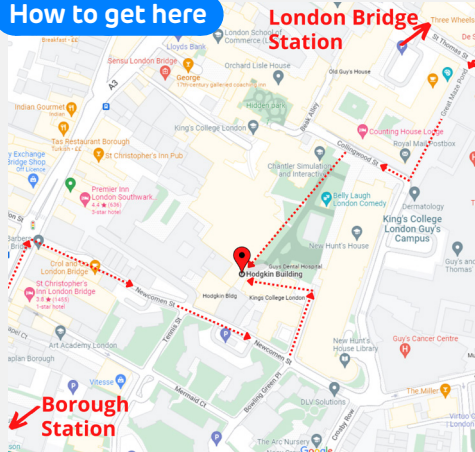
By the end of the event participants will:

1. Gain hands-on expertise in ultrasound-guided injections: Develop practical skills in performing ultrasound-guided injections for PRP, BMAC, and stem cell therapies, enhancing precision and effectiveness in treating musculoskeletal conditions.
2. Learn cutting-edge regenerative therapies: Understand the preparation, application, and clinical benefits of advanced regenerative treatments, including PRP, stem cells, fat cells, and hydrogels, offering patients alternatives beyond traditional steroid injections.
3. Move beyond bone-focused orthopaedics: Broaden their understanding of musculoskeletal health by learning how regenerative techniques apply not just to bones, but also to muscles, tendons, ligaments, and cartilage, fostering a more comprehensive approach to patient care.
4. Understand non-invasive therapy principles: Explore the principles behind non-invasive treatments such as shockwave therapy and electromagnetic therapies, and learn how they support tissue regeneration, providing a strong theoretical framework to complement your clinical practice.
5. Build a foundation for advanced MSK surgery: Set the groundwork for future, advanced courses in regenerative MSK surgery, learning innovative concepts and techniques that go beyond the standard curriculum of traditional surgical training.

Programme

08:30	Registration and refreshments
08:55	Welcome Professor Paul Lee, Consultant Trauma and Orthopaedic Surgeon, London Cartilage Clinic, Harley Street and University of Lincoln
09:00	Foundations of MSK regenerative medicine Professor Paul Lee, Consultant Trauma and Orthopaedic Surgeon, Consultant Trauma and Orthopaedic Surgeon, London Cartilage Clinic, Harley Street and University of Lincoln
09:20	Platelet-rich plasma (PRP) and bone marrow aspirate concentrate (BMAC) Speaker to be confirmed
09:40	Stem cell and fat cell therapies Speaker to be confirmed
10:00	Discussion and Q&A Speaker to be confirmed
10:20	Refreshments and networking
10:40	Emerging therapies: Hydrogels and new regenerative technologies Speaker to be confirmed
11:00	Non-invasive therapies for MSK regeneration Speaker to be confirmed
11:20	Ultrasound-guided injections: Principles and benefits Speaker to be confirmed
11:40	Discussion and case studies
12:00	Lunch and networking
13:00	Rotational workshops: 50 minutes allocated at each station Station 1: Ultrasound-guided injections: hands on practice and Motion Artificial Intelligence (MAI) Station 2: Preparation and selection of PRP, BMAC (Regen, PhD) Station 3: Preparation and selection of fat cells (mFAT)
16:00	Closing discussion and Q&A

How to get here



Finding the venue

The Gordon Museum is located within the Hodgkin Building of King's College London.

Walking from Borough station:

Please walk up Borough high street towards the Thames and turn right onto Newcomen Street (SE1 1UL). Walk a little further then turn left and walk down the unmarked road (opposite the turning onto Bowling Green Place). Once you enter the grassy area, turn left again and the Hodgkin building will be in front of you. Please go up the steps and head to reception where you will be shown to the Gordon Museum.

Walking from London Bridge station:

Within London Bridge station, follow the exit signs to the Shard viewing entrance or Guy's Hospital. Exit London Bridge Station and head towards Great Maze Pond (SE1 9GU) which is off St Thomas Street. Walk half way down Great Maze Pond, then turn right onto Collingwood Street. Walk halfway down Collingwood Street and you will see a grassy area to your left. Cross the grassy area and the Hodgkin Building will be on the far right. Please go up the steps and head to reception where you will be shown to the Gordon Museum.

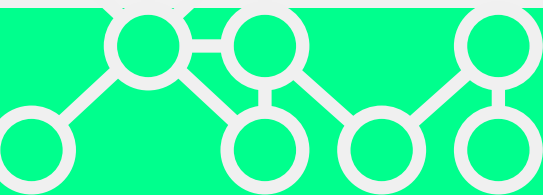
Venue address

The Gordon Museum of Pathology
Hodgkin Building
Guy's Campus
King's College London
London SE1 1UL

Please **do not follow GoogleMaps** directions to the venue, instead please follow the walking directions.

Travelling by tube or train

The nearest stations are Borough station and London Bridge station.



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