

**Hand Surgery Cadaveric Dissection Course for Hand Therapists**  
Guy's Hospital Medical School, London

0900 **Introduction**

0910 **Extensor anatomy: Mr Charles Bain**

Dissection:

Remove dorsal skin of finger and extend incision along extensors to elbow.

Discussion:

Extensor injuries zone I – IV, Swan neck, Boutonnière

Phalangeal fracture approach

Dorsal PIPJ approaches

Collateral ligament injuries/PIPJ dislocations

0940 **Dorsal hand anatomy: Mr Chris Powell**

Dissection:

Remove dorsal skin of hand from MCPJs to wrist

Discussion:

Rheumatoid arthritis MCPJs

Sagittal band rupture/attenuation

MCPJ arthroplasty

EIP to EPL transfer

Approach for metacarpal fracture fixation/osteotomy

Thumb UCL injuries

1020 **Coffee break**

1040 **1st CMCJ anatomy/biomechanics: Mr Jon Compson**

Dissection:

Radial extensor compartments

Dorsal and volar approach to trapezium

Discussion:

De Quervain's, intersection syndrome

Superficial radial nerve/neuroma

Dorsal ligaments of the wrist

Trapeziectomy (dorsal and Wagner approach)

1120 **Radial sided wrist anatomy/pathology: Mr Sam Gidwani**

Dissection:

Through 3/4<sup>th</sup>, ligament sparing Berger approach

Discussion:

Scaphoid fracture/non-union/SNAC

Scapholunate ligament rupture/SLAC

Salvage procedures (PRC, 4CF, total wrist fusion)

PINectomy

1150 **Ulnar sided wrist anatomy/pathology: Mr Mark Phillips**

Dissection:

Through 5<sup>th</sup> compartment

Discussion:

ECU tendinopathy

TFCC

Ulnar shortening,

DRUJ instability, Darrach's, Sauve Kapandji, prosthesis

1220-1320 **Lunch break**

1320 **Volar finger anatomy: Ms Lauren Uppal**

Dissection:

Bruner incision, pulleys, flexors, shotgun PIPJ

Discussion:

Neurovascular bundles

Pulleys

FDP/FDS

Flexor tendon repair, 2 stage reconstruction

Volar plate, pilon fractures, hemihamate reconstruction

1400 **Palm and volar wrist anatomy: Mr Javier Ibanez**

Dissection:

Remove palmar skin, open carpal tunnel and Guyon's canal

Discussion:

Palmar fascia, Dupuytren's disease

A1 pulley release

Course of nerves and arteries in palm

Intrinsics

Carpal tunnel decompression

Volar approach to scaphoid, LT, perilunate dislocation

Guyon's canal decompression

1450 **Coffee break**

1510 **Forearm anatomy: Mr Lorenzo Garagnani**

Dissection:

Open dorsal and volar forearm, decompress cubital tunnel

Discussion:

Flexor and extensor anatomy

Courses of median, ulnar and radial nerves, points of compression

1540 **Skin sutures**

Skin closure techniques and removal of sutures

1600 Free time to examine all anatomy

1650 Feedback

1700 Close

**Faculty:**

Mr Charles Bain, Consultant Plastic Surgeon, Guy's & St Thomas'

Ms Catina Bernardis, Consultant Plastic Surgeon, Guy's & St Thomas'

Mr Jeff Chan, Senior Hand Fellow, Guy's & St Thomas'

Mr Jon Compson, Consultant Orthopaedic Surgeon, King's College Hospital

Mr Lorenzo Garagnani, Consultant Orthopaedic Surgeon, Guy's & St Thomas'

Mr Sam Gidwani, Consultant Orthopaedic Surgeon, Guy's & St Thomas'

Mr Javier Ibanez, Consultant Plastic Surgeon, Guy's & St Thomas'

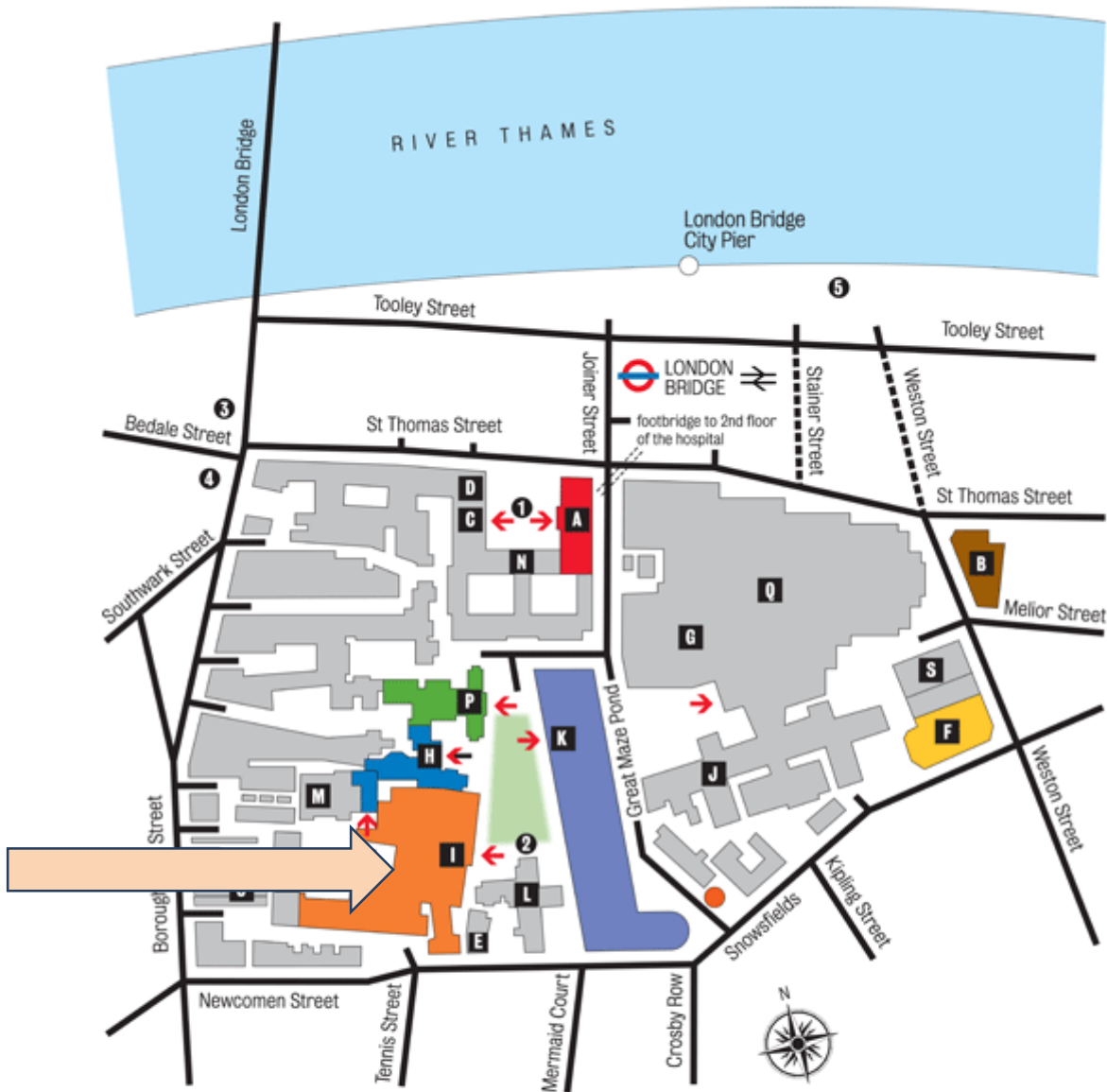
Mr Matt James, Consultant Plastic Surgeon, Guy's & St Thomas'

Mr Mark Phillips, Consultant Orthopaedic Surgeon, London Sports Orthopaedics

Mr Chris Powell, Consultant Plastic Surgeon, Stoke Mandeville Hospital

Ms Lauren Uppal, Consultant Plastic Surgeon, Guy's & St Thomas'

## Guy's Campus Map



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|--|--|--|
| <span style="color: red;">■</span> <b>A</b> Boland House             | <span style="color: blue;">■</span> <b>K</b> New Hunt's House                        | <b>1</b> Statue of Thomas Guy                          |
| <span style="color: brown;">■</span> <b>B</b> Capital House          | <span style="color: grey;">■</span> <b>L</b> Nuffield House                          | <b>2</b> Guy's Memorial Arch                           |
| <span style="color: grey;">■</span> <b>C</b> Chapel                  | <span style="color: grey;">■</span> <b>M</b> Nuffield Nurses' Home                   | <b>3</b> Southwark Cathedral                           |
| <span style="color: grey;">■</span> <b>D</b> Corybeare House         | <span style="color: grey;">■</span> <b>N</b> Old Guy's House                         | <b>4</b> Borough Market                                |
| <span style="color: grey;">■</span> <b>E</b> Doyles House            | <span style="color: grey;">■</span> <b>O</b> Pavy Gym                                | <b>5</b> Hay's Galleria                                |
| <span style="color: yellow;">■</span> <b>F</b> Greenwood Theatre     | <span style="color: green;">■</span> <b>P</b> Shepherd's House                       | <span style="color: red;">➔</span> Main reception      |
| <span style="color: grey;">■</span> <b>G</b> Guy's Tower             | <span style="color: grey;">■</span> <b>Q</b> Thomas Guy House                        | <span style="color: red;">➔</span> Other entrances     |
| <span style="color: blue;">■</span> <b>H</b> Henriette Raphael House | <span style="color: grey;">■</span> <b>R</b> Wolfson Centre for Age-Related Diseases | <span style="color: orange;">●</span> Shuttle bus-stop |
| <span style="color: orange;">■</span> <b>I</b> Hodgkin Building      | <span style="color: grey;">■</span> <b>S</b> Wolfson House                           |  |
| <span style="color: grey;">■</span> <b>J</b> New Guy's House         |  |  |