

Liverpool Advanced Head & Neck Reconstruction Course

**A full body cadaveric lab
inc. pre-scanned specimens for 3D planning**

An advanced course for delegates with prior surgical experience of routine free tissue harvest (as a minimum) with ambition to develop complex free tissue transfer ability/techniques and associated skills.

Monday 21st – Thursday 24th October 2024

Agenda

Location

Human Anatomy Resource Centre (HARC)
University of Liverpool



Course Directors:

Andrew **Schache** Liverpool

Michael **Ho** Leeds



UK Faculty:

Richard **Shaw** Liverpool

Damian **Broderick** Liverpool

Chris **Butterworth** Liverpool

Chris **Loh** Liverpool

Faz **Bekiroglu** Liverpool

Owais **Khattak** Liverpool



International/Guest Faculty:

Jörn **Wittig** Salzburg, Austria

Kyle **Ettinger** Rochester, Minnesota, USA

Conor **Barry** Cork, Ireland

James **Brown** Liverpool



Mike **Nugent** Sunderland, UK

Ajay **Wilson** Sunderland, UK

Mandeep **Bajwa** Guildford, UK



Day 1 Faculty

Course Convenors

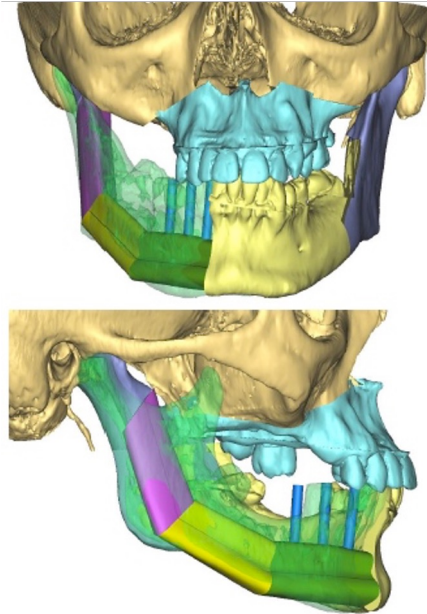
- Profesor Andrew Schache (LHNC)
- Mr Michael Ho (Leeds, UK)

Faculty

- Professor Chris Butterworth (Liverpool)
- Mr Jörn Wittig (Salzburg, Austria)
- **Dr Kyle Ettinger (Mayo Clinic, Rochester USA)**

Industry

- Stryker
- 3D-Systems



Day 1

Monday 21st October 2024

| Date/Time | Custom Planning in H&N – Training Session for 3D planning and system use | Location |
|-----------------------------|--|---|
| Monday 16 th Oct | Pairs of Delegates will undertake faculty-supported custom planning session bespoke to individual cadaver for resections AND all composite free flaps Hands on planning systems use – dry bones | TBC |
| Arrival 10:30 | Northwest Cancer Research Centre https://goo.gl/maps/q8Dt4auDv9bLsxqQ9 | Board Room & Exhibition Room, NWCR |
| 11:00 – 11:20 | Custom Planning considerations in Head & Neck Cancer Reconstruction | Professor Andrew Schache |
| 11:20 – 12:00 | Custom Planning & Plating Options | Stryker Team |
| 12:00 – 13:00 | Hands on “Dry Bone” custom systems (plans/guides/plating) | Stryker Team |
| LUNCH | | |
| 12:30 – 13:30 | Spi Phi Fluorescence Imaging Technology – TMJ Concepts | Mr Daniel Adshead, Stryker – TBC |
| 13:45 – 16:00 | Cadaveric Custom Planning Session – Realtime Virtual planning for Fibula, DCIA and Scapula Free flaps (Mandibulectomy & Maxillectomy Defects) | Professor Andrew Schache Mr Michael Ho 3D Systems – Cyndi Hoffmeister |
| 16:00 – 17:00 | Custom Planned Maxillofacial Rehabilitation & case discussion | Professor Chris Butterworth |
| 17:30 | CLOSE | |

Day 2 Faculty

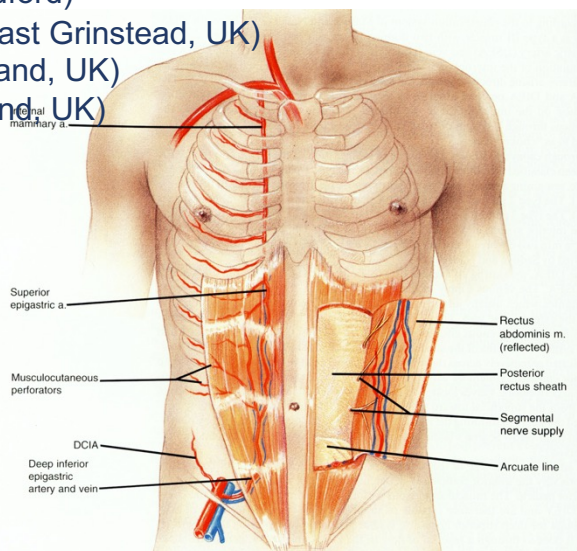
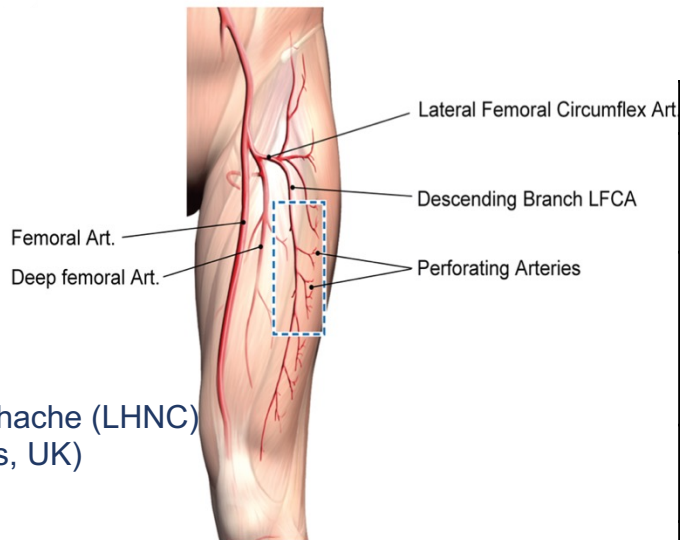
Course Convenors

- Professor Andrew Schache (LHNC)
- Mr Michael Ho (Leeds, UK)

Faculty

- **Dr Kyle Ettinger**
(Mayo Clinic, Rochester USA)
- Mr Jorn Wittig (Salzburg, Austria)
- Mr Conor Barry (Cork, Ireland)

- Professor Richard Shaw (Liverpool)
- Mr Chris Loh (Liverpool)
- Mr Mandeep Bajwa (Guildford)
- Professor Jag Dhanda (East Grinstead, UK)
- Mr Mike Nugent (Sunderland, UK)
- Mr Ajay Wilson (Sunderland, UK)



DAY 2

Tuesday 24th October 2024

| Time | Topic : Perforator Flaps | Location / Faculty Member |
|--|---|---|
| 08:30 | Prompt Arrival for immediate start <ul style="list-style-type: none"> • Welcome & Faculty Introduction • Course Outline | HARC Sherrington Building Ashton St Liverpool L3 5PS |
| Session I 08:45 – 09:10 | <ul style="list-style-type: none"> • ALT Harvest Lecture (<i>anatomy & mark up, flow/handheld doppler/positioning, technique</i>) | Mr Ajay Wilson |
| 09:10 – 09:30 | <ul style="list-style-type: none"> • MSAP Harvest Lecture (<i>anatomy & mark up, flow/handheld doppler/positioning, technique</i>) | Mr Mike Nugent |
| Session II 09:30-11:30 | DELEGATE DISSECTION SESSION <ul style="list-style-type: none"> • ALT (2x30min) • MSAP (2x30min) | ALL Faculty |
| Session III 11:30 – 12:30 | <ul style="list-style-type: none"> • Lateral Arm Harvest Lecture & Demonstration (<i>anatomy & technique</i>) DELEGATE DISSECTION SESSION <ul style="list-style-type: none"> • Lateral Arm Free Flap | Dr Kyle Ettinger |
| 12:30 – 13:30 | LUNCH – MSc Delegate Oral Presentation | |
| Session IV 13:30-17:00 | Rectus Abdominis Harvest Lecture (13:30 – 13:50) Pectoralis Major Harvest Lecture (13:50 – 14:10) DELEGATE DISSECTION SESSION (14:10 – 17:00) Rectus Abdominis Free Flap Pectoralis Major Pedicled Flap | Professor Andrew Schache Mr Chris Loh ALL Faculty |
| Session V 17:00-18:00 | Larynx Reconstruction – Free Flap Considerations Vessel Depleted neck | Mr Chris Loh Dr Kyle Ettinger |
| 19:00 - | Faculty Review Debrief Session | Venue - TBC |

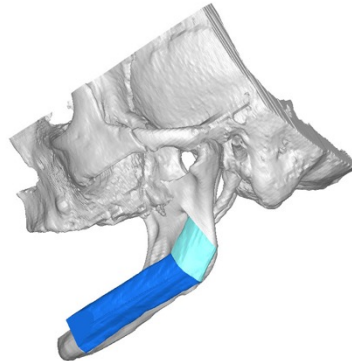
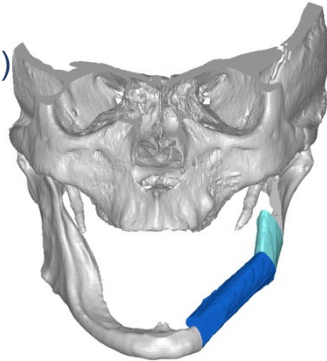
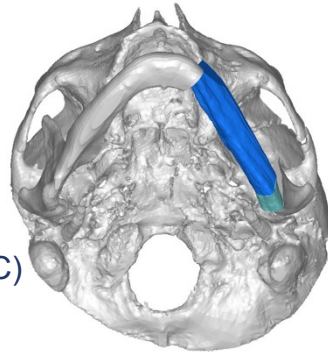
Day 3 Faculty

Course Convenors

- Professor Andrew Schache (LHNC)
- Mr Michael Ho (Leeds, UK)

Faculty

- Professor Richard Shaw (Liverpool)
- Mr Mandeep Bajwa (Guildford)
- Professor Jag Dhanda (EG, UK)
- **Dr Kyle Ettinger (Mayo Clinic, Rochester USA)**
- Mr Jorn Wittig (Salzburg, Austria)
- Mr Conor Barry (Cork, Ireland)
- Mr Mike Nugent (Sunderland, UK)
- Mr Ajay Wilson (Sunderland, UK)



DAY 3

Wednesday 23rd October 2024

| Time | Topic: Custom Composite Flaps | Location / Faculty Member |
|------------------------------|--|---|
| 08:30 | Prompt Arrival for immediate start | HARC Sherrington Building Ashton St Liverpool L3 5PS |
| Session V 08:40-09:00 | • Composite Radial Forearm Flap Harvest Lecture | Mr Michael Ho |
| 09:00 – 11:00 | DELEGATE DISSECTION SESSION • Composite Radial Forearm Flap (2x45min) | ALL Faculty |
| Session VI 11:00 – 12:30 | DELEGATE DISSECTION SESSION • Mandibular Segmental Resection (30 min) • Brown Class IV Maxillectomy (60 min) Custom planned resections as per planning | ALL Faculty |
| 12:30 – 12:50 | • Custom planned Fibula Free Flap Harvest Lecture (during lunch) | Mr Conor Barry |
| 12:30 – 13:30 | LUNCH – MSc Delegate Oral Presentation | |
| Session VII 13:30 – 17:00 | DELEGATE DISSECTION SESSION • Fibula Custom Free Flap Candidate (13:00 – 15:00) • Inset to mandibulectomy defect (custom plate/pre-bent/free-hand plating Stryker plating system) • Medial Femoral Condylar Flap Lecture and Cadaveric Demonstration/Dissection | ALL Faculty ALL Faculty Mr Jörn Wittig |
| Session VIII 17:00-18:00 | Case Based Discussion "Correct Flap for the Head & Neck defect" • Soft Tissue Defect • Composite Defect" | Mr Michael Ho & Professor Richard Shaw |
| 19:30 | COURSE DINNER | Venue - TBC |

Day 4 Faculty

Course Convenors

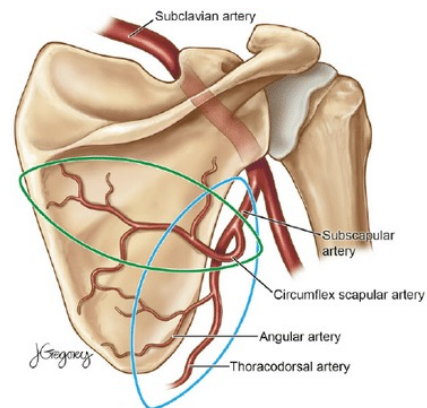
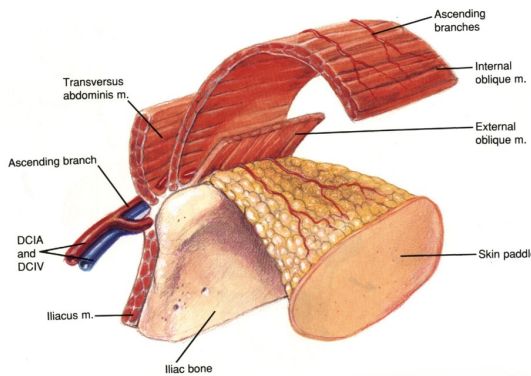
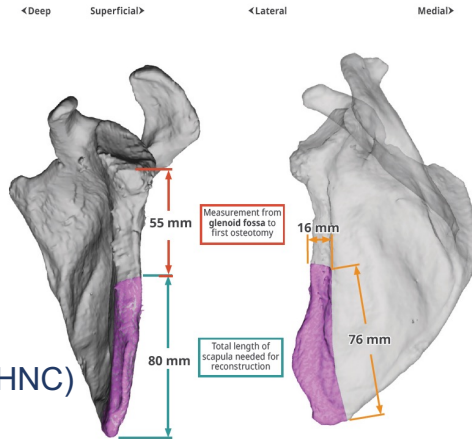
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- Mr Damian Broderick (Liverpool)
- Professor Richard Shaw (Liverpool)
- Mr Mandeep Bajwa (Guildford, UK)
- Mr Jörn Wittig (Salzburg, Austria)

Dr Kyle Ettinger
(Mayo Clinic, Rochester USA)

- Mr Mike Nugent (Sunderland, UK)
- Mr Ajay Wilson (Sunderland, UK)



DAY 4

Thursday 24th October 2024

| Time | Topic : Subscapular & DCIA Free Flaps | Location / Faculty Member |
|----------------------------|--|---|
| 08:30 | Prompt Arrival for immediate start | HARC Sherrington Building Ashton St Liverpool L3 5PS |
| Session IX 08:40-09:00 | • Iliac Crest (DCIA) Free Flap Harvest Lecture | Professor Andrew Schache |
| Session X 09:00-11:30 | DELEGATE DISSECTION SESSION • DCIA Custom Free Flap Harvest (2 x 60min) | ALL Faculty |
| 11:30 – 12:00 | • The Sub-Scapula System – Harvest Lecture | Mr Mandeep Bajwa |
| 12:00 – 13:00 | LUNCH – MSc Delegate Oral Presentation | |
| Session III 13:00-17:00 | DELEGATE DISSECTION SESSION • Subscapular system Custom Planned Tip of Scap/Lat Dorsi/TDAP • Medial Femoral Condylar Flap | ALL Faculty |
| 17:00 | COURSE CLOSE | |

Course Full 2023

Payment in full to ensure delegate position on course

Course contact

Course Directors Andrew Schache & Michael Ho
Email Schache@liverpool.ac.uk
Telephone 07769652172

Location

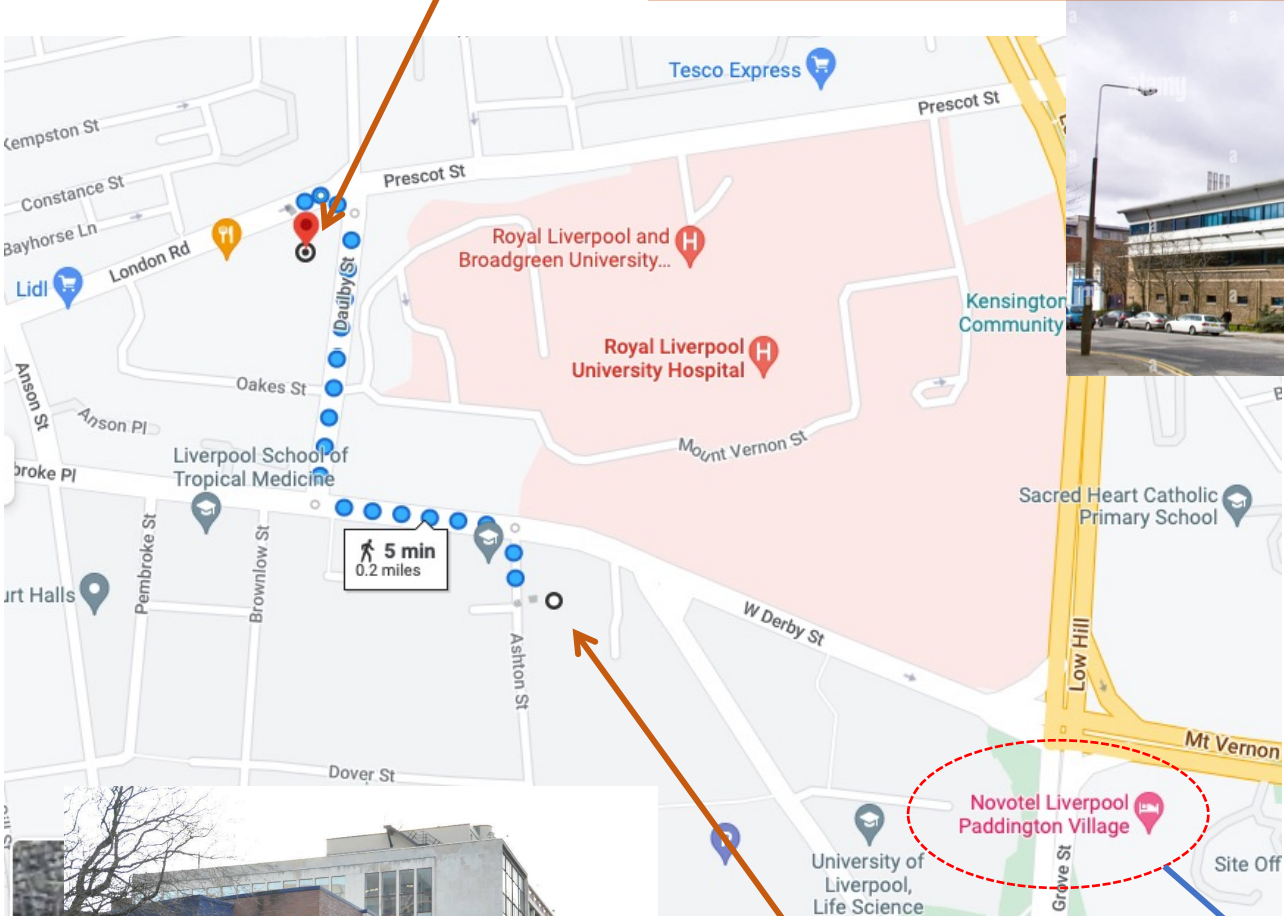
Address Human Anatomy Resource Centre (HARC),
Sherrington Building, Ashton St, Liverpool L3 5PS

<https://www.liverpool.ac.uk/education-directorate/harc/>

Hotel

Novotel Paddington Village, Liverpool.

Liverpool Cancer Research Centre 200 London Road



Human Anatomy Resource Centre (HARC) Sherrington Building, Ashton Street