

MSc in Aesthetic Plastic Surgery

2011-2013



Barts and The London
School of Medicine and Dentistry

*Centre for Cutaneous Research,
Barts and the London
School of Medicine and Dentistry.*

Information for Students

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Introduction

Welcome to the MSc in Aesthetic Plastic Surgery organised by the Centre for Cutaneous Research (CCR), Barts and the London School of Medicine and Dentistry.

Course Organisation

Professor Simon Myers is a Professor in Plastic Surgery, and overall Course Lead.

Professor David Smith is Professor of Plastic Surgery at The University of South Florida, a Founder, and Course Lead for Year 2 modules.

Professor Jim Frame is a Consultant Plastic Surgeon, Founder, and Course Lead for Clinical Days and Additional Clinical Training.

Professor Harry Navsaria is Professor of Tissue Engineering and Course Lead for early modules.

Ms Sam Matthew is the Course Administrator and is based in the CCR.

Course Contributors/Tutors

[In the order of relevant modules]

Mr Graeme Moir is Consultant Plastic Surgeon and Lead for the BLT Plastic Surgery Department.

Professor Ian McKenzie is Professor of Epithelial Stem Cell Biology at the CCR.

Professor Harry Navsaria is Professor of Tissue Engineering and Course Lead for early modules.

Professor Simon Myers is a Clinical Senior Lecturer in Plastic Surgery, and overall Course Lead.

Professor Gus McGrouther is Professor of Plastic Surgery at The University of Manchester.

Dr Jane McGregor is Senior Lecturer in Dermatology at the CCR.

Professor Mike Philpott is Professor of Hair Biology at the CCR.

Mr Greg Williams is Consultant Plastic Surgeon at Chelsea & Westminster Hospital.

Dr Catherine Harwood is Senior Lecturer in Dermatology at the CCR.

Dr Miran Epstein is Senior Lecturer in Medical Ethics and Law, QMUL.

Dr Sheila Hillier is Academic Lead for Human Science and Medical Ethics, QMUL.

Dr Steve Oakey is Consultant Anaesthetist, and Lead for Anaesthesia at St. Andrew's Centre, Broomfield.

Dr Anshoo Sahota is Consultant Dermatologist with an interest in dermatological surgery at BLT.

Mr Mark Ho-Asjoe is Consultant Plastic Surgeon at Guy's and St. Thomas' Hospital.

Professor David Smith is Professor of Plastic Surgery at the University of South Florida.

Dr Richard Klein is Assistant Professor of Plastic Surgery at the University of South Florida.

Structure of the Course

Weekly Teaching Package

We will be covering the entire spectrum of aesthetic surgery at what we believe to be an appropriate level over 7 terms of 10 weeks each. Each of the weekly modules has been devised by one or more 'module tutors' with a particular interest in the topic being studied. The modules they have created all consist of written material together with a self-assessment assignment and an occasional. Text and assignments are made available on-line *via* WebCT.

An access code will provide entry to appropriate areas of the WebCT site. On-line text pages for each module cover:

1. Aims and Objectives

These will establish the requirements for success on completion of the course.

2. Definitions and Classifications

These provide the skeleton on which to hang all subsequent more detailed knowledge.

3. Principles

A sound grasp of these is required for success in the final examination.

4. Specific module subsections

These text pages cover the various aspects relevant to the aims and objectives in a didactic way, with an emphasis on safe practice.

5. Selected Reading

Relevant articles from the medical literature are provided in electronic version on-line.

6. Further Reading

A list of other articles not available on-line, and book references are provided to allow students to broaden their grasp of specific areas.

7. On-line Self-Assessment Assignment

The weekly assessments are on-line, and based on MCQs and EMQs. These are computer-marked.

On-line WebCT material is supported by:

8. On-line Discussion Forum & Course Lead Support

The WebCT platform provides the opportunity for on-line communication between students, and for voice communication sessions with the Course Lead.

On-line WebCT material is supplemented by:

9. Clinical training days

Four intensive clinical training days, ie. two weekends, provide a clinical context to the more didactic syllabus. This is also an opportunity for course contributors to meet students.

Clinical Training Days

The clinical days will generally consist of lectures, videos, and patient examination and informed consent in the morning, and live demonstration of non-invasive techniques and live theatre links for general anaesthetic procedures in the afternoons.

Clinical Dissertation

You will be expected to undertake a dissertation of approximately 10,000 words on a clinically based subject, eg. 5 case reports of patients who present different aesthetic surgery challenges.

Alternatively candidates might also produce an in depth piece of work covering one particular aspect of aesthetic surgery. It is advisable to discuss your dissertation about a third of the way through the Course with the course organiser who will be able to help you with your choices.

Additional Clinical Training

Students are also expected to gain additional clinical experience by attending surgical centres locally. The course leads are available to facilitate this.

MODULE 1

Historical Perspective/Cutaneous Physiology/Cutaneous Healing, Scarring & Ageing/Hair Biology/Treatment Cutaneous Lesions

Week 1

A History of Plastic Surgery

Week 2

The Structure & Function of Normal Skin [1] – The Epidermis

Week 3

The Structure & Function of Normal Skin [2] – The Dermis & Subcutis

Week 4

Cutaneous Wound Healing & Scarring – Principles & Practice

Week 5

Ageing Skin – Prevention & Principles of Treatment

Week 6

Hair Biology: Hirsutism/Alopecia – Principles of Treatment

Week 7

Harmless Lumps and Bumps

Week 8

Pigmented Lesions – The Good and Bad

Week 9

Cancerous Lumps & Bumps

Week 10

Common Skin Infections

MODULE 2

Medicolegal Practice/Patient Selection for Aesthetic Surgery/Anaesthetic Practice

Week 1

Informed Consent

Week 2

Medical Record Keeping as Legal Documentation

Week 3

Malpractice Insurance

Week 4

Risk Management

Week 5

The Doctor-Patient Relationship

Week 6

Self-Consciousness and Altered Body Image: Understanding Characteristic Patterns of Self-Consciousness

Week 7

Aims and Expectations: Eliciting Motivation, Encouraging Flexibility Where Appropriate and Encouraging and Measuring Patient Satisfaction

Week 8

Managing the Psychologically Challenging Patient: Recognising Underlying Pathology, Developing Strategies for Coping with Dissatisfaction and Developing Psychology Referral Pathways

Week 9

Anaesthetics in Aesthetic Surgery [1]

Week 10

Anaesthetics in Aesthetic Surgery [2]

MODULE 3

Implants/Biomaterials/Liposuction

Week 1

General Principles of Implant Choice

Week 2

Cartilage as an Implant

Week 3

Alloplastic/Biomaterials as Implants

Week 4

Breast Implants

Week 5

Injectable Materials – Scientific Principles behind Production

Week 6

Informed Consent for Breast Implantation/Augmentation

Week 7

Patient Assessment for Liposuction

Week 8

Liposuction – Surgical Technique

Week 9

Avoiding & Managing Complications of Liposuction

Week 10

Liposculpture & Ultrasound-Assisted Liposuction

MODULE 4

Special Techniques: Skin Care Programmes/Fillers/Botox/Colour Hair/Dermabrasion/Chemical Peels/Laser Peels

Week 17

Skin Care Programmes

Week 2

Fillers

Week 3

Botox

Week 4

Colour Hair

Week 5

Dermabrasion

Week 6

Chemical Peels

Week 7

Laser [1]

Week 8

Laser [2]

Week 9

Laser [3] - Peels

Week 10

Microtattooing/Camouflage

MODULE 5

Aesthetic Surgery of the Eyes, Face & Neck

Week 17

Periorbital Anatomy, Periorbital Ageing Pathology & Patient Assessment

Week 27

Upper Eyelid Surgical Rejuvenation Techniques

Week 3

Lower Eyelid Surgical Rejuvenation Techniques

Week 4

Facial Anatomy, Ageing, and Patient Assessment

Week 5

Forehead Surgical Rejuvenation Techniques

Week 6

Midface Surgical Rejuvenation Techniques

Week 7

Face Surgical Rejuvenation Techniques

Week 8

Neck Surgical Rejuvenation Techniques

Week 9

Facial Augmentation

Week 10

Orthognathic Surgery

MODULE 6

Aesthetic Surgery of the Nose, Ears & Lips

Week 1

Nasal Anatomy and Patient Assessment

Week 2

Basic Rhinoplasty

Week 3

Addressing the Nasal Tip

Week 4

Addressing the Nasal Dorsum

Week 5

Addressing the Septum and Nasal Airflow

Week 6

Special Cases in Rhinoplasty Surgery

Week 7

Ear Anatomy and Patient Assessment

Week 8

Prominent Ear

Week 9

Lip Anatomy and Patient Assessment

Week 10

Lip Rejuvenation

MODULE 7

Aesthetic Surgery of the Breast, Trunk & Extremities

Week 1

Trunk and Extremity Anatomy

Week 2

Breast Augmentation

Week 3

Breast Reduction

Week 4

Mastopexy

Week 5

Abdominoplasty

Week 6

Buttock Lift

Week 7

Lateral Thighplasty and Lower Body Lifts

Week 8

Medial Thighplasty and Kneeplasty

Week 9

Brachioplasty

Week 10

Body and Extremity Contour Augmentation

MODULE 8

Research Methods & Ethics in Aesthetic Surgery – *development in progress*

Clinical Meeting Year 1:
Dates: Will be confirmed during the course

Clinical Meeting Year 2:
Dates: Will be confirmed during the course

Course Assessment

The course and examination will be conducted in accordance with the regulations of Barts and the London School of Medicine and Dentistry, University of London, the awarding body for this Postgraduate Diploma. The marks awarded for each component of the course are broken down as follows:

Weekly assignments + Annual Viva: 2/3
Dissertation: 1/3

All 3 components of the course must be passed to qualify for the Diploma. Candidates will be classified as fail, pass and distinction.

A total of **80** assignments will be set with the weekly modules, and you will be required to pass at least 80% of these in order to progress to the award of the Postgraduate Diploma in Clinical Dermatology.

You must attend **all** the clinical days if a home student – attendance will be monitored by register. Overseas course participants should ideally attend the two clinical weekends, but alternative arrangements can be made.

We would strongly advise you to start preparing for the **dissertation** by selecting appropriate patients early on in the course, as the deadline for submission of the dissertation will be the date of the examination.

The **Clinical Examinations** will occur at the end of each academic year and comprise:

- An OSCE (objective structured clinical examination)

Two 30 minute oral viva's

Two External Examiners are appointed by the University of London in conjunction with the internal examiners.

Course Evaluation

Feedback from previous course participants is highly valued by us and enables us to format and design the course to meet your needs. This information will be obtained both formally via evaluation forms issued at the clinical days and informally with the course organisers and directors.

Fees

The Course fee for UK students is £3,000 per year and £4,500 per year for overseas students, payable at least one week prior to course commencement. Please could you ensure that all cheques are made payable to “Queen Mary University London” with your name clearly stated on the reverse.

Contact Details: MSc Aesthetic Plastic Surgery Hotline

The course administrator is Ms Sam Matthew who may be contacted on:

Tel: 020 7882 7173

Fax: 020 7882 7172

Email: s.matthew@qmul.ac.uk

The course organiser, Mr. Simon Myers, may be contacted directly on

Email: simon.myers@qmul.ac.uk

Our address is:

Barts and the London School of Medicine and Dentistry

Centre for Cutaneous Research

Institute of Cell & Molecular Science Building

4 Newark Street

London, E1 2AT

The website address for the course is: www.londonplastics.org

The website address for the Centre for Cutaneous Research (but not specifically for the course) is: <http://www.icms.qmul.ac.uk/centres/cutaneous/index.html>