

## Subject Outline: Elective B – Cosmetic Dermatology



**Course:** Master of Dermatology (Coursework)

**Subject:** Elective B: Cosmetic Dermatology

**Credit Points:** 4

**Year/Semester Delivered:** 2/4

### Subject Outline:

Cosmetic dermatology is a specialised branch of dermatology dealing essentially with treatments to improve a patient's appearance. Examples of treatments dermatologists perform that fall into the area of cosmetic dermatology include but are not limited to: Surgery to diminish acne scars, injecting fillers and botulinum toxins to give an aging face a more youthful appearance, Laser surgery to diminish or remove small veins, age spots, tattoos, or wrinkles.

This subject covers a range of topics at an advanced level. Students will be expected to show competence in the most common procedures covered. Additional emphasis will be given to decision making as to when and to whom a patient should be referred for more specialized treatment, for example, a patient with lax lower facial and neck skin will be best served by a face/neck lift, performed by a plastic surgeon.

The topics covered in this subject include:

- Patient assessment and indications for intervention
- Risk assessment and minimization
- Surface active procedures
  - Laser treatments (eg., skin re-surfacing, vascular treatments, hair removal, tattoo removal etc.)
  - Cosmetic treatment of specific skin conditions (eg., skin cancer dysplasia, acne scarring, rosacea and facial erythema, hyper/hypo- pigmentation, hyperhidrosis)
  - Other non-laser treatments (eg., cosmeceuticals, Chemical peels, needling, diathermy and extractions)
  - Skin care (eg., Photo-protective agents, Makeup and camouflage, botanicals etc.)
- Injectables
  - Facial injection anatomy
  - Aneesthesia
  - Volume and movement (eg., Botulinum toxin, tissue augmentation)

- Advanced procedures (will include a minimum of 3 areas from those listed):
  - Liposuction
  - Hair restoration surgery
  - Face lifting
  - Blepharoplasty and brow lifting
  - Earlobe surgery
  - Implants
  - Complex scar revision surgery

This subject is supported by an online module, containing a range of activities centred on recorded visual/audio presentations, case studies, readings, research papers.

### **Learning Outcomes:**

After completing this subject, students will be able to:

1. Critically assess patients for various procedures
2. Critically assess risk factors and take appropriate action
3. Identify patients who need referral to other appropriate professionals
4. Conduct surgical procedures under appropriate conditions
5. Identify major complications associated with each procedure
6. Demonstrate an understanding of the treatments and procedures covered in the subject
7. Conduct a cosmetic consultation with a patient
8. Synthesis clinical evidence gather to develop a treatment management plan
9. Research and report on the controversial issues around ethics in cosmetic dermatology, with particular reference to the performance of ineffective cosmetic procedures

### **Student Workload:**

The following extract for the ACD Academic Awards Framework Policy should be used as a guide to the minimum time a student should spend working on this subject.

“A 4 credit point subject will have a minimum of 48 hours teaching time associated with it ...” per semester.

“1CP will equate to a minimum of 2.5 hours personal study time per week for the student. Over a semester (20 weeks) this equates to 200 hours of personal study time for a 4 CP subject”.

### **Teaching:**

- Weekly F2F tutorial based clinical teaching sessions
- Weekly Virtual classroom sessions (Includes contribution to online case based discussion)
- Student self-paced online study.

**Assessment:**

- Formal MCQ
- Written Assignments/Research report
- DermCEX's (Selected from WpBA Schedule – Appendix 1)
- Virtual classroom contributions

Assessment task	Weight	Subject Learning outcomes assessed	Curriculum Learning Outcomes	Due date
MCQs	30%	2 – 6, 8	BLO 2-5/LO 2-6, 8 BLO 6-8/LO 9-18	TBA
Written Assignment 1:	15%	1 – 3, 5 - 8	BLO 2-5/LO 2-6, 8 BLO 6-8/LO 9-18 BLO 10/LO 22	TBA
Written Assignment 2:	15%	1 – 3, 5 - 8	BLO 2-5/LO 2-6, 8 BLO 6-8/LO 9-18 BLO 10/LO 22	TBA
Written Assignment Scenario Report: 1	15%	1 – 3, 5 - 8	BLO 2-5/LO 2-6 8 BLO 6-8/LO 9-18 BLO 10/LO 22	TBA
Written Assignment Scenario Report 2	10%	1 – 3, 5 - 8	BLO 4/LO7	TBA
Written Assignment 3: Research report	10%	9	BLO 4/LO 7	TBA
Discussion: Virtual classroom case based discussion contribution	5%	All	All	Assessed Weekly

Competency based:

WpBA\*

DermCEX: 1 Select	C/NC	1 - 8	All	By arrangement
DermCEX: 2 Select	C/NC	1 - 8	All	By arrangement

**Recommended Resources:**

Each online tutorial:

- References appropriate research and journal articles. These should be accessed and reviewed in all cases.
- Contains contextualized inbuilt case studies and journal article download links

Additionally, you are advised to access the appropriate sections of the standard texts:

- Burns T, Breathnach S, Cox N and Griffiths C (eds). *Rook's Textbook of Dermatology*, 8<sup>th</sup> edn. Chicester: Wiley-Blackwell, 2010.
- Bologna JL, Jorizzo JL, Schaffer JV (eds). *Dermatology*, 3<sup>rd</sup> edn, revised. London: Saunders, 2012.
- Goldsmith LA, Katz SI, Gilchrest BA, Paller A, Leffell DJ and Wolff K. *Fitzpatrick's Dermatology in General Medicine*, 8<sup>th</sup> edn revised. New York: McGraw-Hill Medical.

## Curriculum Mapping:

### DOMAIN 2: Medical Dermatology (Fundamentals of Clinical Practice)

**BLO 2:** Critically assess patients, by generating an accurate history and through a systematic and comprehensive clinical examination.

**BLO 3:** Critically assess and synthesise specialist medical dermatological knowledge of disease process, presentation and epidemiology to develop effective differential diagnoses.

**BLO 4:** Critically analyse the need for and use of appropriate investigations to develop and justify well-reasoned clinical diagnoses.

**BLO 5:** Evaluate results of investigations and employ clinicopathologic correlation to then develop and assess effective management plans appropriate to the diagnosis and the patient's context.

### Learning outcomes

**LO 2:** Develop a therapeutic relationship with the patient and carers as appropriate.

**LO 3:** Generate a comprehensive relevant history from the patient and carers, as appropriate.

**LO 4:** Create an appropriate context for informed consent.

**LO 5:** Assess a patient's condition through a systematic and comprehensive patient examination.

**LO 6:** Formulate sound clinical decisions and differential diagnoses through the application of dermatological knowledge and skills to both the assessment of a patient's condition and appropriate diagnostic investigations.

**LO 7:** Evaluate evidence-based medicine and relevant research methodology in clinical, case-based dermatology.

**LO 8:** Create, implement and evaluate effective treatment management plans, taking into account the patient's condition and context.

### DOMAIN 3: Procedural Dermatology (Specialist Procedures)

**BLO 6:** Critically apply specialist medical knowledge and diagnostic skills to develop best practice treatment options in procedural dermatology

**BLO 7:** Synthesise anatomical understanding of the skin and underlying soft tissues with technical skills in the performance of dermatological procedures using aseptic technique

### Learning outcomes

**LO 9:** Evaluate a patient's condition before performing dermatological procedures, including creating context for informed consent from the patient and/or appropriate carer(s), in accordance with current legislation.

**LO10:** Develop a thorough anatomical understanding of the skin and underlying soft tissues and apply this knowledge base to the performance of dermatological procedures.

**LO 12:** Evaluate instruments, materials and equipment to perform dermatological procedures safely and effectively.

**LO 13:** Generate safe and effective preparations for dermatological procedures using aseptic technique.

**LO 14:** Develop appropriate technical skills in the performance of safe and effective dermatological procedures.

**LO 17:** Comprehensively design and implement after-care and follow-up post-procedural plans and procedures.

**LO 18:** Evaluate and design mitigating measures for post-operative complications following dermatological procedures.

### DOMAIN 4: Professional Qualities (Quality and Safety)

**BLO 10:** Design and deliver safe, high quality health care and research according to ethical codes of practice and legal obligations

**Learning outcomes**

**LO 22:** Design and deliver quality and safety standards to ensure patients receive safe, high quality care.