

4. Peeling areas other than the face
 - Indications
 - Precautions
5. Patient selection

Photodynamic Therapy

- Methyl aminolevulinate
- Photodynamic Therapy
- Complications
- Benefits

Use of Methyl-Aminolevulinic (ALA) acid in the treatment of SK's and non-melanoma skin cancer

Photodynamic Photorejuvenation

Tutorial #3

WOUND HEALING

- Classification
- Stages of healing

Facial Anatomy

- Musculature (with respect to Botox injections)
- Nerve Supply (with respect to nerve blocks and local injections)
- Aesthetics with respect to balance and proportion

Tutorial #4

DERMAL FILLERS

- Biological
 - - Bovine Collagen
 - - Avian Hyaluronic Acid "Hylaform"
 - - Bacterial Synthesis Hyaluronic Acid "Restylane"
- Synthetic Reabsorbable
 - -Fibroblast Stimulator "Sculptra"
- Synthetic Non Reabsorbable
 - - Particulate eg 'Dermalive'
 - - Gel "Aquamid"
 - - Silicone, Fibrel
- Cultured autologous fibroblasts
- Autologous Fat

- a. Composition

- b. Mechanism of Action
- c. Pharmacokinetic-breakdown/longevity
- d. Method of Placement
- e. Indications
- f. Contraindications
- g. Adverse Effects
 - Hypersensitivity
 - Allergic
 - Test dosing
 - Infection
 - Ischaemic necrosis/Embolism
 - Late Reactions ie Granulomas

Tutorial #5

Digital Photography

DERMATOLOGY

- a. Structure and function of normal skin
- b. Classification of Skin Types
 - Fitzpatrick
 - New Skin Type (racial)
- c. Effects of Chronological ageing
- d. Effects of Photoeaging
- e. Healing Skin
 - Physiology
 - Abnormal healing-delayed Healing
 - Scar Formation
- f. Anti-Ageing Topical Skin preparations and their effects
 - Anti-oxidants
 - Vitamin C
 - Retinoids
 - AHA's
- g. Basic Theory of antioxidants in relation to the Ageing Process

- Structure and function of normal skin
 - Classification of skin types
 - Effects of chronological aging
 - Healing skin
 - Abnormal healing/delayed/scar formation
 - Antiageing Topical Skin preparations and their effects
- Basic theory of ant oxidants in relation to the aging process

Basic Dermatoscopy

Tutorial #6

BASIC SCLEROTHERAPY

- Anatomy of the lower venous system
- Pathophysiology/Aetiology varicose and spider veins
- Indications for Treatment
- Microsclerotherapy
- Varicose Veins. Indications for Ultra Sound Guided Sclerotherapy
- Ambulant Phlebectomy, Indications
- Solutions
 - - Aethoxysclerol
 - Sodium Tetradeconoate (STD)
 - Hypertonic Saline

Tutorial #7

LASERS Part 1

-
- Ablative Lasers
-

Clinical Understanding of Principles/Mode of Action

Indications

Side Effects and complications

Knowledge of conditions treatable by laser and the appropriate lasers to use

Laser Safety

- Eye Protection
- Flammable liquids and gases
- Smoke Hazard

Access and Signage

Tutorial #8

Lasers Part 2.

- Vascular Lasers
- Pigment Lasers
- Q Switched Lasers
- Intense Pulsed Light
- Non Ablative Lasers for Skin Rejuvenation
- Fraxel Laser
- Hair Removal

Clinical Understanding of Principles/Mode of Action

Indications

Side Effects and complications

Knowledge of conditions treatable by laser and the appropriate lasers to use

Laser Safety

- Eye Protection
- Flammable liquids and gases
- Smoke Hazard

Access and Signage

Tutorial #9

COMMON DERMATOLOGICAL CONDITIONS PRESENTING TO THE COSMETIC PHYSICIAN.

1. Acne

- Pathophysiology
- Treatment Topical-AHAs and peeling agents
 - Retinoids
 - Antibacterials
- Systemic- Antibiotics
 - hormones
 - Roaccutane
- Physical –exfoliants
 - Microdermabrasion
 - Skin Peels

2. Acne Scarring

- Dermal fillers
- Laser resurfacing
- Surgical –Excision
 - Skin graft
 - Fat graft
- subcision

3. Pigmentary Disorders

- Melasma
- Vitiligo
- Post Traumatic Hyperpigmentation
- Post Traumatic Hypopigmentation

4. Benign Skin Conditions

- Viral
- Pigmented
- Vascular
- Neoplastic

Tutorial #10

INFECTION CONTROL

Candidates should be familiar with principles of infection control as outlined in the Department of Health Guidelines, or the Division of General Practice

MEDICAL ETHICS

- Patient Selection
- Body Dysmorphic Syndrome
- Adequate Information
- Informed Consent
- Dissatisfied Patient
- Responsibility to Medical Indemnity Insurer
- Patient Information and Consent Forms.

Tutorial #11

Pharmacology

- Local Anaesthetics
- Hyaluronic acid
- Antibiotics
- Roaccutane

Indications

Side effects

Complications

Tutorial #12

Liposuction and microliposuction

Hair Transplantation