Goals and Objectives for the Facial Cosmetic Rotation/Trauma
Resident PGY3
Otolaryngology and Dermatology Dundas clinic (1 four-week rotational block)

Overview

During their third year of residency training the resident will spend one four-week rotational block at the Dermatology and Otolaryngology Clinic in Dundas. The resident will gain experience in dealing with outpatients seen in the private clinic. The resident will also have the opportunity to assist Dr. Cooper on mid facial fracture repairs, when indicated. All residents must review their learning objectives with the staff at the beginning and at the end of the rotation to facilitate meeting the objectives.

Dermatology and Facial Cosmetic Staff: Dr. Karen Edstrom
Otolaryngology- Head and Neck and Facial Cosmetic surgery Staff: Dr. Ronald Lemckert
Plastic and Oro- Maxillofacial Surgery Staff: Dr. Jim Cooper from the Hamilton General Hospital

Private Office: 17   King St. East, Unit 102, Dundas, On, L9H 1B7, 905-628-3376, fax 905-628-8833

Schedule of the week:

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<tr>
<td>Clinic</td>
<td>Clinic</td>
<td>MUMC OR</td>
<td>Clinic</td>
<td>Local procedures</td>
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Call:
The resident will be assigned to be on call with the Otolaryngology- Head and Neck Surgery service. Call will be set according to PARO guidelines.

Overall Objectives:

*It is recognized that the resident may not be exposed to all elements of these objectives; however at the conclusion of the rotation the resident should demonstrate knowledge or competency in the following:*

The resident is expected to gain understanding and knowledge of the anatomy and pathophysiology of the skin and anatomy in particular the facial skin, head and neck. The resident will gain experience in the medical and surgical treatment of the facial, head and neck cosmetic.
Specific Objectives:

Medical Expert:

The resident is expected to learn how to:
Take a relevant history of patients in the Dermatology and Facial Cosmetic clinic.
Conduct an inspection of the skin surface and contour of the face, head and neck appropriately.
Order and review appropriate investigations.
Formulate a diagnostic work-up and treatment plan for the patient.
Recognize complications of treatment and their management.

Knowledge Basic sciences and anatomy:

Knowledge of facial anatomy, proportions and measurements and their norms.
Wound healing basic science and applications to wound care.
Basic science of lasers and laser applications in facial cosmetic practice and surgery.

Principles of management of a Maxillofacial Trauma including:

Securing the airway.
Ensuring and confirming adequate breathing as it relates to maxillofacial trauma.
Management of bleeding as it relates to maxillofacial trauma.
Assessment of the C-spine in trauma patients.
Review imaging of facial trauma (plain x-rays, panorex, CT scan).
Learning the surgical approaches (open/closed reduction with internal/external fixation) to facial fractures (midfacial, zygoma, orbital, naso-ethmoid, frontal sinus, nasal bone).
Complications of facial trauma and its management.

Technical and Operative Skills:

Excision of skin cancers in the head and neck area with local flap reconstruction techniques.
Neuromodulators (Botox, Dysport and Zeomin) mechanism of action and applications.
Types of injectable fillers and their mechanism of action. Injection patterns and techniques of injection, needle versus cannula injection.
Liposuction and fat transfer techniques in the head and neck area.
Chemical peels applications and treatment.
Cosmetic surgical procedures in the head and neck area.
Scar revision and reduction treatments including medical management of scars.
General ENT in the community office setting.

Assisting/application of the arch bars, ivy loops and maxillomandibular fixation (MMF).
Assisting/application of plating systems of the facial bone.
Perform or assist with maxilla and mandible fractures reduction (closed/opened) with internal or external fixation.
Perform or assist with orbital, naso-ethmoid and zygoma fractures.
Assisting/performance of LeFort and mandibular osteotomies.

**Communicator:**

Establish rapport with the patient and family to obtain a relevant history and listen to their concerns.
Discuss appropriate information with the patient/family to aid in their care and delineate options for treatment.
Maintain clear notes and records.
Communicate appropriately with team members such as laser technicians, nurses and anesthesiologist working in the operating suite.

**Collaborator:**

Work effectively with all members of the healthcare team (physicians, nurses, laser technician, etc.) to provide the best care.
Maintain professional relationship with other healthcare providers.

**Manager:**

Utilize resources effectively to balance patient care and learning needs.
Work with the team to delegate tasks and best manage patient care.
Utilize information technology to manage patient care and for learning the EMR system.
Keep a log of your surgical procedures.
Health Advocate:

Identify the important determinants affecting health and their interaction with complaints of the ears, nose and throat and also cosmetic concerns of the patient recognizing their effect on possible treatments being considered.
Contribute to effective care and improved health of patients while addressing their ear, nose and throat complaints and cosmetic concerns.
Recognize and respond to those issues where advocacy is appropriate.

Scholar:

Recognize gaps in knowledge on facial cosmetic and facial bone fracture.
Develop and implement a strategy with personal CME program to correct these gaps.
Read and prepare for scheduled procedures and clinical activities on facial cosmetic and facial bone fracture.
Critically appraise sources of medical information on facial cosmetic, facial bone fracture.
Accept and act on constructive feedback.

Professional

Deliver health care to patients in an honest, ethical and professional manner.
Recognize own limitations and seek advice and help when needed.
Pursue a balanced life-style.

Bibliography:
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