

MODULE OVERVIEW

Module 1: Advanced Facial & Neck Anatomy consists of injection site focused + advanced level anatomy, stimulated dissection, and examinations. Module 1 covers details and up-to-date head and neck anatomy beyond the level of anatomy taught in medical schools. Trainees must successfully complete both written and oral exams in order to proceed to other certification modules with CSSM (Canadian Society of Skin Medicine).

FACE & NECK ANATOMY

1. Skin
 - a) Layers of the skin
 - b) Thickness of the skin
2. Muscles
 - a) Frontalis, temporalis, orbicularis oculi, masseter, risorius, buccinator, corrugator supercilii, depressor supercilii, procerus, nasalis, dilator naris vestibularis, compressor narium, depressor septi nasi, zygomaticus major/minor, levator labii superioris, levator labii alaeque nasi, orbicularis oris, depressor anguli oris, depressor labii inferioris, mentalis, sternocleidomastoid, and platysma
 - b) Depths of muscles
3. Aponeurotic Condensations
 - a) Retinacular cutis
 - b) Osteocutaneous ligaments: Orbicularis retaining, zygomatic, zygomatic cutaneous, lateral orbital thickening, mandibular
 - c) Fasciocutaneous: Masseteric cutaneous, platysma auricular
 - d) Superior/inferior temporal septum, temporal ligamentous adhesion, supraorbital ligamentous adhesion
4. Nerves
 - a) Sensory: Supraorbital, supratrochlear, infratrochlear, Infraorbital, Buccal, Mental, auriculotemporal, zygomaticotemporal, zygomaticofacial, superficial transverse cervical
 - b) Motor: Temporal, zygomatic, buccal, marginal mandibular, cervical
5. Vasculature
 - a) Artery: supraorbital, supratrochlear, dorsal nasal, columellar, lateral nasal, angular, lacriminal, external nasal, ophthalmic, infraorbital, zygomaticofacial, zygomaticotemporal, buccal, mental, maxillary, transverse facial, superior labial, inferior labial, facial, superficial temporal, posterior auricular occipital, internal carotid, external carotid, common carotid
 - b) Facial artery pattern
 - c) Veins: supraorbital, supratrochlear, superior palpebral, sentinel, superficial temporal, intercanthal, infraorbital, angular, inferior palpebral, lateral nasal, facial, inferior labial, retromandibular, superior ophthalmic, cavernous sinus, pterygoid plexus posterior auricular
6. Facial Lymphatics
 - a) Parotid node, submandibular lymph nodes, occipital lymph nodes, inferior deep cervical lymph, mastoid node, submental nodes
7. Facial Fat Pads
 - a) Superficial: central forehead, middle temporal, lateral temporal forehead, infraorbital, medial cheek, nasolabial, middle cheek, lateral cheek, superior jowl, inferior jowl
 - b) Deep: retro-orbicularis oculi fat, medial sub-orbicularis oculi, lateral sub-orbicularis oculi, deep medial cheek, buccal
8. Salivary Gland
 - a) Parotid, accessory parotid, submandibular

9. Cartilage of the Nose
 - a) Lateral nasal, lesser alar, greater alar, septal nasal
10. Review on depths of various facial structure in relation to each other

WRITTEN EXAM

Multiple choice and short answer questions to examine the thorough understanding of the injection sites focused face and neck anatomy. Grade of 90% or higher is required to pass the module. Re-exam is subject to pertinent rules of the society.

ORAL EXAM

Map all relevant positions, depths, and functions of anatomical structures of the face and neck covered throughout the module on a live model. Construct and deconstruct facial anatomical structures on simulated cadaver. Grade of 90% or higher is required to pass the module. Re-examination is subject to pertinent rules of the society.