

PGDP-635: Functional Anatomy

Students will be able to relate the connective tissue (ligaments, tendons, cartilage, bone,) muscles, and nerves (12 cranial nerves) of the craniofacial complex to the functions of respiration, mastication (includes swallowing,) and posture; and how these functions affect growth, development, and function of the stomatognathic system. Relate stress and malfunction in the stomatognathic system to muscle spasm, and pain that may occur in the muscles of the jaw, neck, shoulders, and back and may lead if chronic to degenerative processes of the temporomandibular joint. It is the intent of this course to evaluate the preventive, interceptive, and corrective role that orthodontics can play in developing and/or maintaining a harmonious physiological state.

Credits: 1

Program: Postgraduate Dental Program