Marc Pick Creations presents: Four Days of Human Dissection.

Location: Gross Anatomy Lab at the John A. Burns School of Medicine, University of Hawaii, in Honolulu

Purpose: The primary goal of this class is to dissect and investigate the following systems and assess their relative importance to manipulative therapy: **1. Musculoskeletal System, 2. Visceral System, & 3. Nervous System,** ***(Peripheral, Central, and Autonomic.)*** The students will observe each system through visual and tactile palpation to enhance their three-dimensional understanding of manipulative therapeutic applications. Each student will be assigned to a specific region on the cadaver and instructed to identify and learn the structures contained within their respective area. That student will then be responsible to share his/her region with others in their group.

Workshop– Day One Dissection Class Muscular Systems: September 9, 2019 - 8:30am - 3:30pm

Hour:	Instructor	Topic
8:30-10:00	Marc Pick, DC, DACNB, FICS	Introduction to course and review of safety instructions. Observe the body's surface landmarks. Remove the skin and expose the superficial muscles of the posterior body for review, identification, and relationship to landmark structures. ***(Dissection & palpation for landmarks & Diversified spinal adjusting technique applications)***
10:00-11:00	Marc Pick, DC, DACNB, FICS	Continue investigation into superficial musculatures of posterior body, Note regions of origin, insertion, innervation and functional actions. ***(Dissection & palpation for landmarks & Diversified spinal adjusting technique applications)***
11:00-12:00	Marc Pick, DC, DACNB, FICS	Remove the superficial muscles of the posterior body for deep muscular exposure. Identify major muscles including their points of origin, insertion , innervation and functional actions. ***(Dissection & palpation for landmarks & Diversified spinal adjusting technique applications)***
12:00-1:30		**Lunch**
1:30-2:30	Marc Pick, DC, DACNB, FICS	Remove the skin and expose the superficial muscles of the anterior body for review, identification, and relationship to landmark structures. ***(Dissection & palpation for landmarks & SOT/Diversified rib adjusting technique applications)***
2:30-3:30	Marc Pick, DC, DACNB, FICS	Continue investigation into superficial musculatures of anterior body, Note regions of origin, insertion, innervation and functional actions. ***(Dissection & palpation for landmarks & SOT/Diversified rib adjusting technique applications)***

Total daily hours devoted to Dissection & 1hr. of SOT & Diversified Spinal and rib adjusting technique applications.

Workshop Day Two Dissection Class Visceral Systems: September 10, 2019 - 9:00am – 4:00pm

Hour:	Instructor	Topic
9:00-10:00	Marc Pick, DC, DACNB, FICS	Remove the superficial muscles of the anterior body for deep muscular exposure. Identify major muscles including their points of origin & insertion, innervation and functional actions. Discuss and demonstrate adjustive techniques to activate the agonist/antagonist afferent pathways of anterior/posterior muscular compartment reflexes. ***(Dissection & Diversified upper extremity adjusting technique applications)***
10:00-11:00	Marc Pick, DC, DACNB, FICS	In supine position, expose the internal organs. Open the thoracic cavity and the abdominal cavity (keeping the diaphragm with its points of insertion intact). ***(Dissection & Diversified upper extremity adjusting technique applications)***
11:00-12:00	Marc Pick, DC, DACNB, FICS	Briefly observe the organs relational position to various muscular formations (psoas, diaphragm), adjacent viscera and landmark vascular formations. ***(Dissection & Diversified lower extremity adjusting technique applications)***
12:00-1:30		**Lunch**
1:30-2:30	Marc Pick, DC, DACNB, FICS	The chest group *(above the diaphragm)* is charged with locating the Ansa Cervicalis, phrenic and vagus nerves prior to removing the cardio-pulmonary organs. The abdominal group *(below the diaphragm)* will remove the abdominal viscera while attempting to expose the deeper abdominal plexuses. *Note, care must be taken to not remove the abdominal aorta before observing the plexuses that surround it. Upon completion of their tasks', it will be each individual's responsibility to share their findings with others at their table.*
2:30-4:00	Marc Pick, DC, DACNB, FICS	***(Optional)*** Remove all internal organs from the thorax as one piece (heart & lungs connected) and do the same with abdominal organs ***(SOT Psoas & iliofemoral adjusting technique applications)***

Total daily hours devoted to Dissection & 1hr. of SOT & Diversified upper extremity & Psoas, iliofemoral adjusting technique.

Workshop Day Three Dissection Class Visceral Cont. & Peripheral Nervous Systems: September 11, 2019 - 9:00am - 3:30pm

Hour:	Instructor	Topic
9:00-10:00	Marc Pick, DC, DACNB, FICS	Observe inter-visceral connections (i.e. Pancreatic- biliary- intestinal, and Cardiopulmonary connections.
10:00-11:00	Marc Pick, DC, DACNB, FICS	Divide the organs amongst the participants and instruct each person to expose the landmark structures pertaining to their particular organ. *It will be each individual's responsibility to share their findings with others at their table.*
11:00-12:00	Marc Pick, DC, DACNB, FICS	Individual visceral Dissection and observation continued.
12:00-1:30		**Lunch**
1:30-2:30	Marc Pick, DC, DACNB, FICS	Each person will be assigned to a specific region of the body *(head-neck, arms, hands, chest, abdomen, legs, & feet)*. They are to devote the remainder of the day to locating and identifying the primary peripheral nerves. This will include, tracing each nerve from its point of vertebral exit to final termination. Participants will be instructed to especially note, the positional relationship between the nerves and their surrounding structures. ***(Dissection & Diversified upper extremity adjusting technique to reduce entrapments)***
2:30-3:30	Marc Pick, DC, DACNB, FICS	***Continuation of peripheral nerve investigation.*** *As participants are exploring, the instructor will be wondering from cadaver to cadaver pointing out aberrancies, anomalies, points of interest and adjusting protocols for addressing nerve entrapment.* ***(Dissection & SOT/Diversified lower extremity adjusting technique to reduce entrapments)***

Total daily hours devoted to Dissection & 30min. of SOT/Diversified extremity adjusting technique to reduce entrapments.

Workshop Day Four Dissection Class Central Nervous Systems: September 12, 2019 - 9:00am - 3:30pm

Hour:	Instructor	Topic
9:00-10:00	Marc Pick, DC, DACNB, FICS	***Continuation of peripheral nervous system investigation.*** Today will begin with each individual sharing his/her findings with others at their table. Setups and adjustive applications will be utilized to observe adjusting biomechanics to the extremity joint systems. ***(Dissection & SOT extremity adjusting technique applications)***
10:00-11:00	Marc Pick, DC, DACNB, FICS	Expose and investigate the cranial/spinal meninges and vascular feeders. Note the meninges points of insertion and demonstrate the various standard adjustive techniques that might influence the meningeal mechanoreceptors located throughout the spine. ***(Dissection & SOT spinal adjusting technique applications)***
11:00-12:00	Marc Pick, DC, DACNB, FICS	Remove the brain and spinal cord intact. Identify general topographical landmarks of both structures. ***(Dissection & SOT cranial and spinal adjusting technique applications)***
12:00-1:30		**Lunch**
1:30-2:30	Marc Pick, DC, DACNB, FICS	Perform cross-sectional slices upon the brain, brainstem, cerebellum and spinal cord. Identify the tracts and nuclei located within the various structures and discuss the compromising effects of spinal subluxations to the subject's central integrative neuronal state. ***(Dissection & SOT Cranial adjusting technique applications)***
2:30-3:30	Marc Pick, DC, DACNB, FICS	Continuation of central nervous system investigation with emphases on adjustive protocols to enhance neuronal output and integrative homeostasis. ***(Dissection & SOT Cranial adjusting technique applications)***

Total daily hours devoted to Dissection & 2hrs. of SOT/Diversified extremity & spinal adjusting and SOT cranial technique applications.

Depending on the skill of each participant, the amount of time allocated to each system may or may not extend over the scheduled time breakdown. Therefore, except for the hours allocated to technique, the above schedule should be considered as a general guideline and not necessarily rigid or unbendable.