Student Learning Outcomes

Clinical Examination and Diagnosis

- CE 3 - Identify the common congenital and acquired risk factors and causes of musculoskeletal injuries and common illnesses that may influence physical activity in pediatric, adolescent, adult, and aging populations.

Prevention and Health Promotion

- PHP 1 - Describe the concepts (eg, case definitions, incidence versus prevalence, exposure assessment, rates) and uses of injury and illness surveillance relevant to athletic training.
- PHP 2 - Identify and describe measures used to monitor injury prevention strategies (eg, injury rates and risks, relative risks, odds ratios, risk differences, numbers needed to treat/harm).
- PHP 3 - Identify modifiable/non-modifiable risk factors and mechanisms for injury and illness.
- PHP 5 - Explain the precautions and risk factors associated with physical activity in persons with common congenital and acquired abnormalities, disabilities, and diseases.
- PHP 6 - Summarize the epidemiology data related to the risk of injury and illness associated with participation in physical activity.
- PHP 9 - Explain the role of the preparticipation physical exam in identifying conditions that might predispose the athlete to injury or illness.

Therapeutic Innervations

- TI 6 - Describe common surgical techniques, including interpretation of operative reports, and any resulting precautions, contraindications, and comorbidities that impact the selection and progression of a therapeutic intervention program.