

SIM 471 Advanced Clinical Experience in Athletic Training II

ASSESSMENT AND EVALUATION

Cognitive Domain

- 16 Differentiates the use of diagnostic tests (x-rays, arthrograms, MRI, CAT scan, bone scan, ultrasound, myelogram) based on their applicability in the assessment of an injury or illness when prescribed by a physician.
- 24 Demonstrates familiarity with the function of an ophthalmoscope in the examination of the eye.

Psychomotor Domain

- 1 Constructs and phrases appropriate questions to obtain a medical history of an injured or ill individual that includes a previous history and a history of the present injury or illness.
- 2 Visually identifies clinical signs associated with common injuries and illnesses, such as the integrity of the skin and mucous membranes, structural deformities, edema, and discoloration.
- 3 Demonstrates active, passive, and resisted range-of-motion testing of the toes, foot, ankle, knee, hip, shoulder, elbow, wrist, hand, thumb, fingers, and spine.
- 4 Measures active and passive joint range of motion with a goniometer.
- 5 Performs appropriate manual muscle-testing techniques and/or break tests, including application of the principles of muscle/muscle group isolation, segmental stabilization resistance/pressure, and grading, to evaluate injuries incurred by athletes and others engaged in physical activity.
- 6 Administers static and dynamic postural evaluation and screening procedures, including functional tests for postural deformities and muscle length assessment.
- 7 Applies appropriate stress tests for ligamentous or capsular instability based on the principles of joint positioning, segmental stabilization, and force.
- 8 Measures the grade of ligamentous laxity during a joint stress test and notes the quality and quantity of the end point.
- 9 Applies appropriate and commonly used special tests to evaluate athletic injuries to various anatomical areas.
- 10 Demonstrates the proper use of the otoscope for ear and nasal examination, including the proper positioning of the patient and examiner and proper technique of use.
- 12 Palpates bony and soft tissue structures to determine normal or pathological tissue(s).
- 13 Performs and interprets appropriate palpation techniques and special tests of the abdomen, chest, cranium, and musculoskeletal system.
- 14 Assesses the neurological function of cranial nerves, spinal nerves, and peripheral nerves and assesses the level of spinal cord involvement following injury, including the function of dermatomes, myotomes, and reflexes (e.g., deep tendon, superficial).
- 15 Performs appropriate examination of injuries to the trunk and upper and lower extremities prior to an individual's return to activity.

- 17 Uses appropriate terminology in the communication and documentation of injuries and illnesses.

PHARMACOLOGY

Psychomotor Domain

- 1 Employs the Physician's Desk Reference (PDR), the Drug Facts and Comparisons, or on-line services to obtain information on the medications prescribed for athletes and others involved in physical activity.
- 2 Follows federal, state, and local regulations regarding storing, transporting, dispensing, and recording medications.
- 3 Documents tracking of medications by name, manufacturer, amount, dosage, lot number, and expiration date.
- 4 Replicates procedures for storage and inventory of medications.
- 5 Reviews and adheres to a policies-and-procedures manual as it relates to medications.
- 6 Replicates the procedure for using an emergency epinephrine injection to prevent anaphylaxis as per physician instruction.
- 7 Replicates procedures for using an asthmatic inhaler to prevent and treat exercise-induced bronchial spasms and/or asthmatic conditions.

GENERAL MEDICAL CONDITIONS AND DISABILITIES

Cognitive Domain

- 8 Describes the use of a peak-flow meter in the evaluation and management of respiratory conditions.

Psychomotor Domain

- 1 Assesses the patient for congenital or acquired abnormalities, physical disabilities, and diseases that would predispose him or her to other injury or illness, or would exacerbate the existing condition(s).
- 8 Recognizes and takes the appropriate steps to manage and control common contagious viral and infectious diseases.
- 9 Uses an otoscope correctly to examine the ear and nasal passages.
- 10 Use and interprets urine diagnostic Chemstrips (dipsticks).
- 17 Demonstrates the proper use and interpretation of a peak-flow meter (hand-held spirometer) in the assessment of asthmatic athletes and other asthmatics involved in physical activity.