Appendix 3.4

Core Components to Include in the Neurologic and Musculoskeletal Exam

Physical
- Examine the site(s) of Injury

Cervical Spine
- Range of motion
- Focal areas of tenderness
- Spasm
- Hypertonicity

Temporomandibular Joint
- Range of opening
- Tenderness
- Dislocation

Cognitive
- Cognition
- Language

Vision
- Acuity
- Tracking
- Saccades
- Nystagmus
- Vergence
- Diplopia
- Pupil symmetry and reactivity
- Visual fields to confrontation
- No optic edema

Auditory
- Hearing Screen
- Otoscopic Exam

Sensory
- Sharp
- Light touch
- Proprioception
- No extinction to bilateral tactile stimuli
- Vibration

Motor
- Power
- Pronator drift
- Asymmetrical weakness
- Symmetry of reflexes
- Coordination

Vestibular
- Head Impulse
- Head Shake
- Vestibular Ocular Reflex Suppression (VORS)
- Dynamic Visual Acuity (DVA)
- Positional testing

Functional Activities
- Romberg with eyes open/closed
- Single leg stance

Gait
- Walking
- Tandem walking
- Turning

If any focal abnormalities are observed, refer for appropriate imaging and to an appropriate specialist.

Links for Neck & Neurological Exam Video Demonstrations
http://www.youtube.com/watch?v=iuegN6P2SAA (Neck Exam)
http://www.youtube.com/watch?v=QirMbworS10 (Neck Exam)
http://www.youtube.com/watch?v=fgwN1P5PDaA (Neurological Exam)