Advanced Vestibular and Concussion Management

DATES:     March 8-9, 2014

INSTRUCTORS: Edwin F. Crane III, DPT, DAC

LOCATION:    NovaCare Rehabilitation
              275 Curry Hollow Road
              Pittsburgh, PA 15236

TARGET AUDIENCE:    PT, PTA, ATC

INSTRUCTIONAL LEVEL: Intermediate to Advanced

TUITION:     $395 Waived for full time employees of Select Medical’s Outpatient Division

COURSE CAPACITY:    25

CONTACT HOURS:    14.5 (13.5, 1 DA)

ACCREDITING BODIES: Approved provider with NATBOC, AOTA & PBPTE.

ENROLLMENT:
http://smportal/Departments/OutpatientDivision/OutpatientEducation/SelectLivePrograms/CourseCalendar/tabid/643/Default.aspx or contact emelton@selectmedical.com for an application form.

Participants will receive notification by e-mail from the Department of Outpatient Education confirming their acceptance into the program 4-6 weeks prior to the course. If you do not received confirmation of your status please call 804-290-0107 or email emelton@selectmedical.com.

All participants are expected to attend the entire educational program. No partial continuing education credit can be extended. In the event that an individual who has been confirmed for a program fails to attend without giving prior notification, notification of their absence will be sent to their Market Manager.

Please be advised that the Department of Outpatient Education will not be able to reimburse the participant for any travel, lodging, or meal costs associated with attendance at the program.
**Course Description:**
Evidence Based Approach to Examination, Assessment, Differential Diagnosis and Treatment of the Patient with Headache, Concussion, Vertigo, Dizziness or Loss of Balance.

**Target audience:** PT, PTA, ATC  
**Instructional Level:** Intermediate to Advanced

**Prerequisites:** Will be sent with confirmation email

**Course Objectives:**
Upon completion the participant will be able to:

- Be able to perform a thorough medical history review and medical screening to assess if appropriate for a Vestibular or Concussion Rehabilitation Program or a referral to a physician/specialist.
- Be competent in performing Vestibular based examinations, tests and measures to correctly diagnose most likely cause of Central vs. Peripheral Vertigo, signs and symptoms of a Concussion or Post-concussion Syndrome, fall risk and functional impairments.
- Be able to set appropriate treatment plan and goals based on subjective report, objective findings and level of functional limitation
- Be able to design, implement and advance a Vestibular/Balance/Concussion exercise program for the patient
- Be able to screen and evaluate without a referral for appropriateness for Vestibular Therapy or referral for medical management.
- Be able to identify acute signs and symptoms of a concussion.
- Be able to evaluate, treat and progress the patient with a Concussion or Post- Concussion Syndrome following an evidence based protocol.
- Be able to accurately document treatment and correctly code for services.

**AGENDA:**

**Day 1**
8:00 Pre-requisites review and course objectives  
8:30 Screening, Examination and Terminology Lecture 1  
9:30 Screening and Examination Lab 1  
10:00 Break  
10:15 Screening and Examination Lecture 2  
10:45 Screening and Examination Lab 2  
- The Ear and Hearing, Balance  
11:15 Screening and Examination Lecture 3 and Videos  
11:30 Screening and Examination Lab 3  
- Functional Mobility and Gait  
12:00 Lunch  
12:30 Student-Athlete, Acute Concussion, Second Impact Syndrome Lecture and Videos  
1:30 Central vs. Peripheral Nystagmus Lecture and Videos  
2:00 BPPV Lab Examination, Diagnosis and Evidence Review  
3:00 Break  
3:15 BPPV Lab Intervention  
4:00 Case Studies Large Group
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>5:00</td>
<td>Competency 1: Review and Practical Demonstrations</td>
</tr>
<tr>
<td>5:30</td>
<td>Close</td>
</tr>
<tr>
<td>Day 2</td>
<td></td>
</tr>
<tr>
<td>8:00</td>
<td>Evaluation, Evidence Review and Management for Concussion and Post-Concussion in pediatric and adult populations</td>
</tr>
<tr>
<td>9:30</td>
<td>Adaptation and Substitution Exercise Lab</td>
</tr>
<tr>
<td>10:30</td>
<td>Break</td>
</tr>
<tr>
<td>10:45</td>
<td>Habituation Exercise Lab</td>
</tr>
<tr>
<td>11:15</td>
<td>Balance and Biofeedback Exercise Lab</td>
</tr>
<tr>
<td>12:00</td>
<td>Strength and Stability Exercise Lab</td>
</tr>
<tr>
<td>12:30</td>
<td>Manual Intervention Lab</td>
</tr>
<tr>
<td>1:15</td>
<td>Case Studies 2: Small discussion groups</td>
</tr>
<tr>
<td>2:00</td>
<td>Competency 2: Review and Practical Demonstrations</td>
</tr>
<tr>
<td>2:30</td>
<td>Close</td>
</tr>
</tbody>
</table>

**Program Accreditation:**
The Select Medical Outpatient Clinical Education Department is approved or has applied for accreditation by the following organizations or licensing bodies to provide continuing education for this program. The program offers 14.5 contact hours for full attendance and completion of all course requirements. Accreditation by the providers below does not imply endorsement of the course content, specific products, or clinical procedures. Approval or endorsement by other organization or licensing bodies is the responsibility of the participant.

![Accreditation Logos]

**ADA Compliance:**
The Select Medical Outpatient Clinical Education Department will take all reasonable measures to guarantee equal access to learning opportunities for attendees with disabilities. Educational programming will be sensitive to any sensory or physical impairment that requires special arrangements on behalf of the participant. Please indicate on your registration form if you should be contacted regarding any physical or mental impairment that would require special accommodation to ensure a satisfactory learning experience.