Course Outcomes Guide  
Spring 2015

Course/Program Title: MAP 206 Advanced Coding

Date: 5/14/2015  SU14, FA14, and SP15 semesters

Course/Program Team: Melanie Rowland, Melinda McIntire

Expected Learning Outcomes:

1. Utilize current ICD, CPT and HCPCS code books to accurately convert medical specialty and hospital medical record source document information into codes for purposes of billing and reimbursement.
2. Apply concepts of medical necessity, correct coding initiative guidelines, local coverage determinations and documentation requirements to develop accurate and appropriate coding in both hospital and non-hospital settings.
3. Apply knowledge of CMS reimbursement methodologies and documentation regulations to develop accurate and appropriate coding for various clinical situations.

Assessment

Course completion: Number passing at 75% or greater.

Course Outcomes: Common final exam for item analysis:

- CO 1 Complex wound repair
- CO 1 History of Breast Cancer
- CO 1 CPT code breast mass
- CO 2 Type of Fracture
- CO 2 Fracture unsuccessful reduction
- CO 2 Ambulance Services
- CO 3 Bronchoscopy w/Fluoroscopy
- CO 3 Modifier multiple hospital OP depts. One day
- CO 3 Fracture manipulation

Validation

Course Completion:

Completion of course with an average grade of 75% or greater.

Course Outcomes:
Course outcome target final exam questions will be answered correctly by 75% of the students.

Results

Course Completion:

100% (21/21 students) completed course with a grade of 75% or higher.

Course Outcomes:

<table>
<thead>
<tr>
<th>Course Outcome</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO 1 Complex wound repair</td>
<td>91%</td>
</tr>
<tr>
<td>CO 1 History of Breast Cancer</td>
<td>95%</td>
</tr>
<tr>
<td>CO 1 CPT code breast mass</td>
<td>53%</td>
</tr>
<tr>
<td>CO 2 Type of Fracture</td>
<td>95%</td>
</tr>
<tr>
<td>CO 2 Fracture unsuccessful reduction</td>
<td>81%</td>
</tr>
<tr>
<td>CO 2 Ambulance Services</td>
<td>95%</td>
</tr>
<tr>
<td>CO 3 Bronchoscopy w/Fluoroscopy</td>
<td>100%</td>
</tr>
<tr>
<td>CO 3 Modifier multiple hospital OP depts. One day</td>
<td>95%</td>
</tr>
<tr>
<td>CO 3 Fracture manipulation</td>
<td>100%</td>
</tr>
</tbody>
</table>

Follow-up

The transition to the ICD10-CM code set was completed during academic year 2014-15 with no major drop in outcomes performance. CO 1 CPT coding requires additional coverage in class for both training, discussion and exercises to reinforce the concept.