Course Outcomes Guide

Course/Program Title: RAD 212 Cross Sectional Date: Spring 2019

Course/Program Team: Megan Dayhoff

Expected Learning Outcomes:
At the completion of this course, the student will be able to:
1. Define the anatomy demonstrated and the image plane for the following anatomical sections (given a cross-sectional image):
   A. Head
   B. Spine
   C. Abdomen
   D. Male Pelvis
   E. Female Pelvis
   F. Chest
   G. Neck
   H. Joints
2. Define the role cross-sectional imaging plays in patient care.
3. Identify pathology demonstrated within cross-sectional images.

Assessment: How do or will students demonstrate achievement of each outcome?
On line activities, Discussion questions, Quizzes, Midterm and final exam

Validation: (What methods have you used or will you use to validate your assessment?)
Course completion with 75% or higher.
31/31 (100%) students completed. Course grade average was 91.7%

Results: Number of students assessed per year

<table>
<thead>
<tr>
<th></th>
<th>SP/16</th>
<th>SP/17</th>
<th>FA/17</th>
<th>SP/18</th>
<th>SP/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>#5 ramus of Mandible</td>
<td>4/5   = 80%</td>
<td>5/6   = 83%</td>
<td>27/28= 96%</td>
<td>2/2 = 100%</td>
<td>29/31= 94%</td>
</tr>
<tr>
<td>#2 Capitolum</td>
<td>3/5   = 60%</td>
<td>1/6   = 17%</td>
<td>21/28= 75%</td>
<td>2/2= 100%</td>
<td>23/31 = 74%</td>
</tr>
<tr>
<td>#3 Cuboid</td>
<td>2/5   = 40%</td>
<td>0/6   = 0%</td>
<td>23/28= 82%</td>
<td>2/2= 100%</td>
<td>26/31= 84%</td>
</tr>
<tr>
<td>#4 Carotid Artery</td>
<td>5/5   = 100%</td>
<td>4/6   = 67%</td>
<td>24/28= 85%</td>
<td>2/2= 100%</td>
<td>24/31= 77%</td>
</tr>
<tr>
<td>#1 Lamina</td>
<td>3/5   = 60%</td>
<td>3/6   = 50%</td>
<td>26/28= 93%</td>
<td>2/2= 100%</td>
<td>27/31= 87%</td>
</tr>
</tbody>
</table>

Follow-up: Include more images of vascular neck anatomy in course work, more images and review of bony anatomy in extremities. In the Spring 2019 term, I incorporated workbook activities in to the course, which seemed to strengthen student understanding of course material.

Budget Justification: None