Improving Accuracy in the Assessment of the Dizzy Patient with Online Virtual Patients

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ABMS Scholar
Disclosures

• NONE
Disclosures

• NONE
Using Smart Phones for Psychomotor Training
Able to Accurately Diagnose Posterior Or Horizontal Canal Vertigo Pre and Post IPhone App Tutorial

Posterior Pretest  Horizontal Pretest  Posterior Posttest  Horizontal Posttest

- Emergency
- Neurology
- Student
- Attending
- Physician Assistant
Real-World Virtual Patients

Improving Diagnosis through Case-Based Simulation Using Actual History & Physical Exam Data

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Baltimore, MD
Background
History of Presenting Illness

Dizzy Type

What do you mean when you say that you are dizzy? (audio recording of patient)

Can you describe more about the dizzy, lightheaded, or off balance feeling?

What did your dizziness feel like?

How would you describe your symptoms?

Dizzy Timing and Triggers

Dizzy Exposures

Dizzy Severity of Current Symptoms

Dizzy Associated Symptoms

Dizzy Impact of Problem on Life

Time: 00:01:00
Cost: $7
<table>
<thead>
<tr>
<th></th>
<th>Pre Test</th>
<th></th>
<th>Post Test</th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Senior Residents (n=16)</td>
<td>Interns (n=22)</td>
<td>p value</td>
<td>Senior Residents (n=17)</td>
<td>Interns (n=18)</td>
<td>p value</td>
</tr>
<tr>
<td>Test Score mean</td>
<td>34.4</td>
<td>36</td>
<td>0.61</td>
<td>31.8</td>
<td>53.1</td>
<td>0.001</td>
</tr>
<tr>
<td>Range</td>
<td>0-100</td>
<td>0 – 83.3</td>
<td></td>
<td>11.1 – 100</td>
<td>25-90</td>
<td></td>
</tr>
<tr>
<td>Cost ($) mean</td>
<td>983.3</td>
<td>955.4</td>
<td>0.98</td>
<td>1235.90</td>
<td>736.30</td>
<td>&lt;0.01</td>
</tr>
<tr>
<td>Range</td>
<td>355.8-1639</td>
<td>456.5-2144</td>
<td></td>
<td>504.3-2154.7</td>
<td>335.5-1125.5</td>
<td></td>
</tr>
</tbody>
</table>
Thank you!!

American Board of Medical Specialties
Gordon and Betty Moore Foundation

Center for Diagnostic Excellence