Google Glass: A Learning Tool in Medical Education

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Objectives

• Discuss the potential of Google Glass in the medical field to improve patient care
• Discuss Glass as a learning tool to assist medical students transition to the hospital and clinic
• Demonstration of the Glass application
What is Google Glass and How is it Used?

- Glass is wearable technology which can be worn as eyewear
- Medical schools have utilized Glass for teaching technical procedures (such as surgeries)
  - UC Irvine and Queen Mary University of London
- Clinics and hospitals use to connect to the EHR
  - Beth Israel Deaconess ER
Wearable Intelligence

https://www.youtube.com/watch?v=jnEdasIPtEg
Our App

• Developed in collaboration with Marshall University
• Application to be used by medical students while in the clinic/hospital/ER
• Assist students in mastering the physical exam through short videos made by the Physical Diagnosis GTA’s
<table>
<thead>
<tr>
<th>Pros</th>
<th>Cons</th>
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<tbody>
<tr>
<td>• Voice activated</td>
<td>• Short battery life</td>
</tr>
<tr>
<td>• Easy to Wear</td>
<td>• Internet access requirement</td>
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<tr>
<td>• Quick access to resources</td>
<td>• Accidental actions/commands</td>
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<td>• Hands free</td>
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Future Goals

• Integrate OMT into the application
• Utilize Glass in the first and second year curriculum
• Include ACLS and PALS algorithms
Demonstration
Thank you!

- Funding through WVSOM Intramural Grant
- Current and Past Clinical Skills Graduate Teaching Assistance for the videos
- WVSOM’s Department of Media Services (Rich McMahan)
- Kathleen Martin, MD Course Coordinator and mentor
References

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