AV WORKSHOP & SIMULATION LAB TOUR

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UW Health
Clinical Simulation Program
Transforming clinical education
Disclosures

Mark Johanneck and Jeff Korab have no financial relationships with entities producing healthcare and/or simulation-related goods and services.
Session Goals

- Understand UWCSP Planning Process
- Identify Key Components of UWCSP AV System
- Informative Tour of the Simulation Facility
Decisions, Decisions???
Identify and Survey Users

Clinical Simulation Program

- Medical School
- Emergency Medicine
- UWHC Nursing
- Pediatrics
- Anesthesiology
- Surgery
## Which AV Capabilities Matter the Most

<table>
<thead>
<tr>
<th></th>
<th>Must-Have</th>
<th>Nice-to-Have</th>
</tr>
</thead>
<tbody>
<tr>
<td>Operate and interact from control room</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Capture and playback locally for debriefing</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Live streaming locally</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Live streaming via web access</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Expandability</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Capture data from simulators &amp; medical equip.</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>High definition cameras</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Tools which allow for assessment and analysis</td>
<td></td>
<td>✓</td>
</tr>
<tr>
<td>Video/data storage and security</td>
<td>✓</td>
<td></td>
</tr>
</tbody>
</table>
Finding the Right Balance
Dream Big vs. Reality

Budget

- Already have
- Must Have
- Planning for the future
- Nice to have
Learning Space and Jupiter

Learning Space
- Simulator Data Capture
- Streaming AV from 5 sources per room
- Ability to track participants

Jupiter
- Local feeds to control and simulation rooms
- Video windowing capabilities
- Watch non-recorded feeds
Benefits of Our Design

- Jupiter is highly scalable as a video/audio router.
- Hybrid system allows for maximum flexibility for local display and recording.
- Allows for modular upgrades as technology changes.
Lessons Learned

Make sure all the components work together as promised

Regular scheduled reviews with AV consultants

Don’t block view with monitors

Audio/Headphone jacks for control rooms
Thank You!

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