Virtual Poster Presentations: The Leading Edge in Continuing Nursing Education
Prepared for ANPD
July 18, 2013
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Objectives

At the end of this presentation, the learner will be able to:

• Discuss the planning process for a Virtual Poster Session (VPS)
• Examine the application of technology and social networking used in virtual worlds to broaden healthcare education
• Describe a process of offering continuing nursing education for a VPS
Project Overview

• Venue
• History
• Vision
VPS Model

Technology

Content

Educational Approach

VPS

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The World

• ‘Lobby Landing’
  • Navigation
  • Orientation
• Posters
• Sticky items
  • Art Gallery
  • Film Festival
  • Planetarium
  • Classroom
  • Bookstore
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‘Sticky’ – Art Gallery
Welcome to the Magneti’s Virtual Film Fest

1. A high-speed Internet connection is recommended.
2. Click on each area to view virtual films.
3. Use the mouse to move around the Virtual Film Fest.
4. Use the mouse to view the films.
5. Click here to enjoy these virtual films.

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CONTENT AND FORMS MANAGEMENT
CE Forms Management

- 2010 - pilot
- 2011 – conferring contact hours and 3 room expansion
- 2012 – contact hours and additional 3 room expansion
Content Management

• Process evolution

  • Content aggregation (manual and electronic processes)
  • Technical requirements for images
  • Audio recording
CONTINUING NURSING EDUCATION CONSIDERATIONS
Poster Selection

- Process
- 2010 (1st Year)
  - 30 posters
- 2011
  - 60 posters
- 2012
  - 60 posters (2 withdrew)
Assigning Contact Hours

• Live posters

• Validation
Requests for Continuing Education Credits

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Sponsorship

- Cost
- Meeting accreditation requirements
- Making a virtual barrier
- Sponsor satisfaction
Virtual World Participation

Virtual World Membership

- Sep 2012-Oct 2013: 763
- Sep 2011-Aug 2012: 967
- Jul 2010-Aug 2011: 501

New Registrants

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Virtual World Participation

Virtual World Registrations by Month

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User Experience 2010

• Evaluations and feedback - 2010
  • 4.17 overall Likert score on user evaluations

• Comments
  • Available day or night
  • Difficult to set up—firewall issues
  • Interaction is limited
  • Countless education opportunities
  • Difficult to navigate but became easier
  • Lots of potential
## User Evaluation - 2010

### Virtual Poster Session Evaluation

1. Please rate the following

<table>
<thead>
<tr>
<th></th>
<th>1 - Strongly disagree</th>
<th>2 - Disagree</th>
<th>3 - Neither agree nor disagree</th>
<th>4 - Agree</th>
<th>5 - Strongly agree</th>
<th>% Responding 4 or 5</th>
<th>Average Likert Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>The content was relevant to my practice</td>
<td>0.0% (0)</td>
<td>0.0% (0)</td>
<td>2.7% (1)</td>
<td>59.5% (22)</td>
<td>37.8% (14)</td>
<td>97.3</td>
<td>4.35</td>
</tr>
<tr>
<td>The content was current and up-to-date</td>
<td>0.0% (0)</td>
<td>0.0% (0)</td>
<td>0.0% (0)</td>
<td>35.1% (13)</td>
<td>64.9% (24)</td>
<td>100</td>
<td>4.65</td>
</tr>
<tr>
<td>The content was well organized in the virtual world</td>
<td>2.7% (1)</td>
<td>2.7% (1)</td>
<td>0.0% (0)</td>
<td>51.4% (19)</td>
<td>43.2% (16)</td>
<td>94.6</td>
<td>4.30</td>
</tr>
<tr>
<td>The virtual environment training video was effective</td>
<td>0.0% (0)</td>
<td>5.4% (2)</td>
<td>10.8% (4)</td>
<td>48.6% (18)</td>
<td>35.1% (13)</td>
<td>83.7</td>
<td>4.14</td>
</tr>
<tr>
<td>The virtual environment was easy to navigate</td>
<td>0.0% (0)</td>
<td>18.9% (7)</td>
<td>10.8% (4)</td>
<td>45.9% (17)</td>
<td>24.3% (9)</td>
<td>70.2</td>
<td>3.76</td>
</tr>
<tr>
<td>The technology platform for the environment worked well</td>
<td>0.0% (0)</td>
<td>16.2% (6)</td>
<td>10.8% (4)</td>
<td>40.5% (15)</td>
<td>32.4% (12)</td>
<td>72.9</td>
<td>3.89</td>
</tr>
<tr>
<td>The PDF’s of the posters were easily accessed</td>
<td>2.7% (1)</td>
<td>10.8% (4)</td>
<td>2.7% (1)</td>
<td>37.8% (14)</td>
<td>45.9% (17)</td>
<td>83.7</td>
<td>4.14</td>
</tr>
</tbody>
</table>

Answered question: 37 Overall: 4.17

Skipped question: 1
### User Evaluation - 2010

#### 2. My overall impression of the program

<table>
<thead>
<tr>
<th>Rating</th>
<th>Response Percent</th>
<th>Response Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – Extremely Poor</td>
<td>0.0%</td>
<td>0</td>
</tr>
<tr>
<td>2 – Poor</td>
<td>5.4%</td>
<td>2</td>
</tr>
<tr>
<td>3 – Neutral</td>
<td>8.1%</td>
<td>3</td>
</tr>
<tr>
<td>4 – Good</td>
<td>48.6%</td>
<td>18</td>
</tr>
<tr>
<td>5 – Excellent</td>
<td>37.8%</td>
<td>14</td>
</tr>
</tbody>
</table>

answered question 37

skipped question 1

#### 3. Would you recommend this program to your colleagues?

<table>
<thead>
<tr>
<th>Rating</th>
<th>Response Percent</th>
<th>Response Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 – Will tell others not to participate</td>
<td>0.0%</td>
<td>0</td>
</tr>
<tr>
<td>2 – No</td>
<td>8.3%</td>
<td>3</td>
</tr>
<tr>
<td>3 – Will think about it if asked</td>
<td>5.6%</td>
<td>2</td>
</tr>
<tr>
<td>4 – Will recommend if asked</td>
<td>22.2%</td>
<td>8</td>
</tr>
<tr>
<td>5 – Will tell others to participate</td>
<td>63.9%</td>
<td>23</td>
</tr>
</tbody>
</table>

answered question 36

skipped question 2
User Experience - 2011

• Evaluations and feedback - 2011
  • 4.4 overall score on CE evaluations

• Comments
  • Very encouraged & motivated to institute change
  • Our only complaint is this virtual method takes up too much bandwidth so none of our staff can view from the hospital.
  • Overall the posters were excellent
  • Would have liked to have the people there to ask questions
  • I was able to review them at my leisure and will contact poster presenters for more information as needed.
  • Great idea
  • Difficult to utilize - used pdf online
User Experience - 2012

• Evaluations and feedback - 2012
  • 4.33 overall score on CE evaluations

• Comments
  • Enjoy the option of live and virtual posters
  • The virtual posters offered unique insights and ideas
  • Very cool!; virtual session posters easy to navigate
  • Difficult to access online virtual posters
  • Love the availability of virtual posters
  • After I got the hang of the process I really liked the virtual concept
  • Love the accessibility and convenience of this format
  • Love this format, easy for people to access and review again if needed
User Experience

• Technical Challenges
  • Navigation
  • Utility downloads (user ability and firewalls)
  • Platform interoperability (currently PC only)
  • Collaboration

• How to keep them coming back
Interested?
Here are some recommendations

• Go to the site and explore
  www.virtualbeginnings.com/start/ancc.php

• If you like what you see, and:
  • Have the technical and budgetary capability —
    ▪ Start small, target audience and objective, keep it simple but engaging
  • Don’t have the technical or budgetary capability
    ▪ Find a collaborator, and again, start small and targeted
References


References (continued)


Bibliography (consulted)

• Journal of Virtual Worlds Research - http://jvwresearch.org/
• Nursing Schools - http://livingbooks.nln.org/hits/chapter_02/Skiba_2009_2.pdf
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