

6-28-2019

Developing Interactive Curricular Elements with Teams of Faculty, Staff and Students

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Recommended Citation

Becker, Betsy J.; Bills, Sara; Fuchs, Robert H.; Gossman, Kellie; Wells, Tessa; and Moore, Peggy, "Developing Interactive Curricular Elements with Teams of Faculty, Staff and Students" (2019). *Posters and Presentations: Physical Therapy*. 16.

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Developing Interactive Curricular Elements with Teams of Faculty, Staff and Students

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objectives

1. Describe the resultant network structure and composition of faculty, students and staff involved.
2. Identify a step-by-step timeline of how the e-Learning modules went from a sketch and brainstormed idea to a tangible and useful product and the important role of instructional designers and an interprofessional peer faculty team.
3. Demonstrate exemplars.



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Acknowledgements for funding



Office of the Vice Chancellor of Academic Affairs



College of Allied Health Professions




Division of Physical Therapy Education




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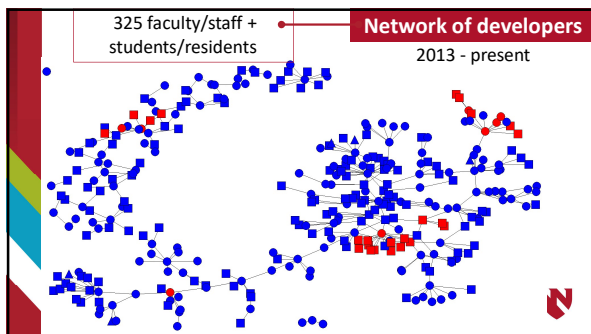
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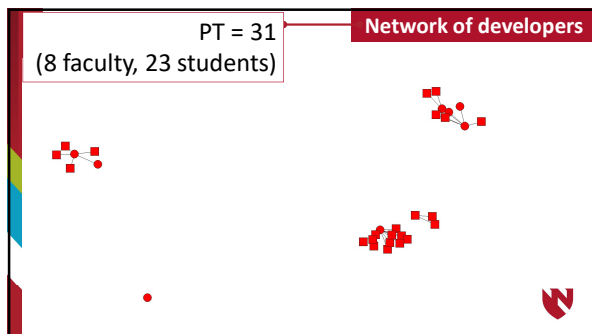
What was the resultant network of faculty, students and staff who participated?



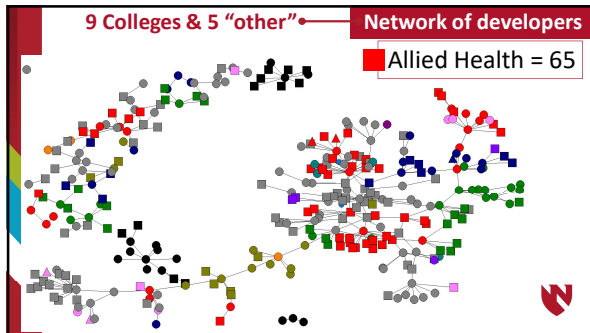
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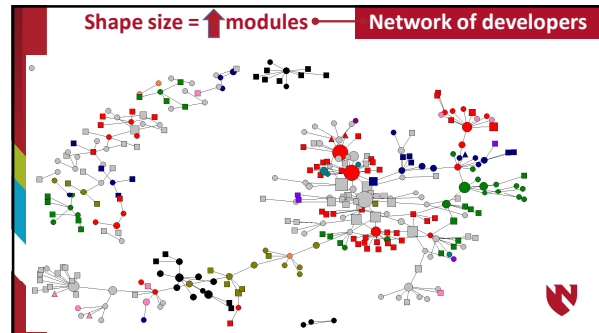
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How did the e-Learning modules go from a sketch to a module?
What are the roles of instructional designers?

9

Outmoded Education System

1940 Today

10

Paradigm for Change

Enable Mastery Learning via:

- Flipped classrooms
- Creation of just-in-time interactive e-learning modules available to **all** students
- Classrooms more for small group interactive sessions

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Paradigm for Change

What is an E-module?

- A 10- to 15-minute **interactive** online multimedia module targeting one or two major learning objectives
- Multimedia components include:
 - Video
 - Audio
 - Gamification
 - Some PowerPoint
 - Learner engagement
 - Quizzes with instant assessment

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Paradigm for Change

- Strong focus on student engagement and inclusion
- Strong institutional support – use of small funded RFAs of cohorts to incentivize participation
- Public showcase and recognition ceremonies
- Educational Research and Scholarship



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E-Learning: Making a Difference



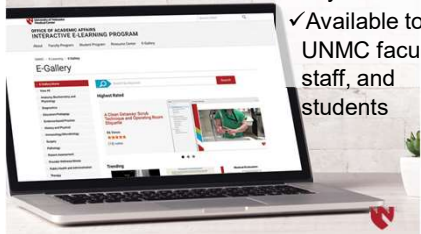
Geoff Talmon, MD
Pathology & Microbiology Faculty, UNMC




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E-Gallery

unmc.edu/egallery



- ✓ Access e-modules anytime, anywhere
- ✓ Available to all UNMC faculty, staff, and students




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Students as Curriculum Developers

E-Learning Studio


- Instructional design and technology support
- E-Learning authoring tools
- Scorecard and checklist



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Students as Curriculum Developers

- Six month timeline
- Milestone meetings
- Peer review and testing
- Showcase and recognition




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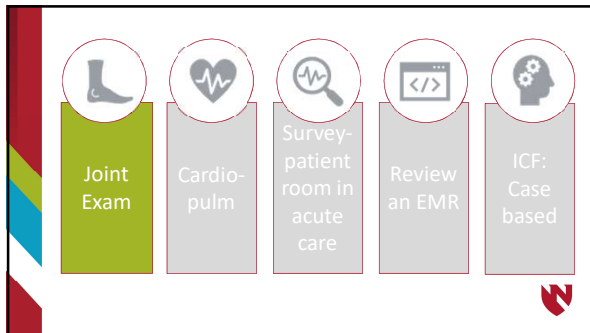
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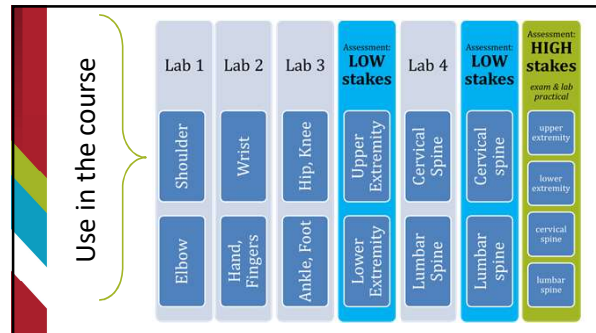
Demonstration of exemplars



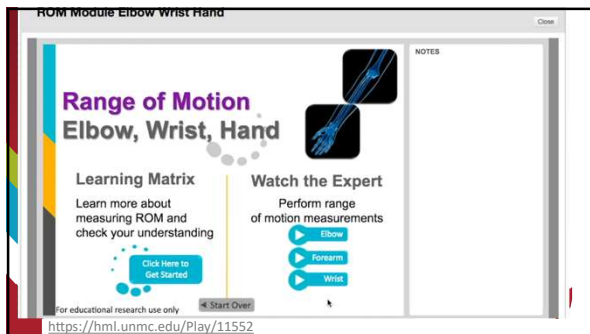
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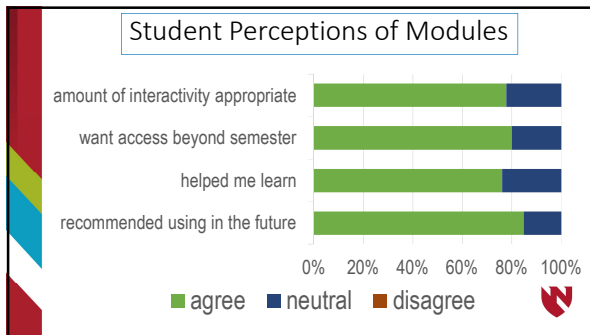
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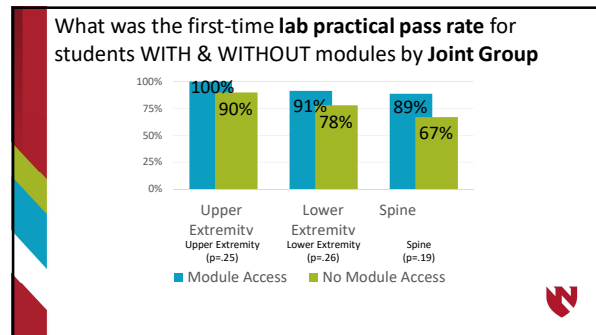
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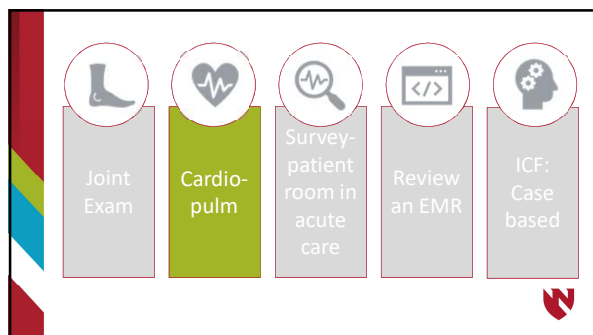
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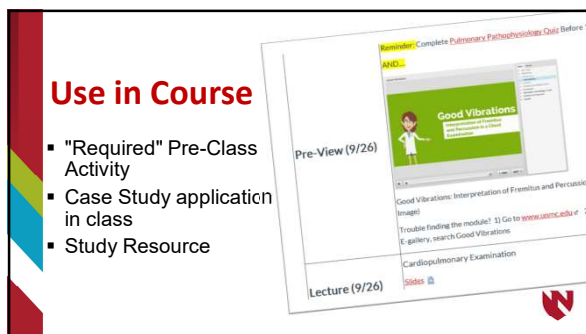
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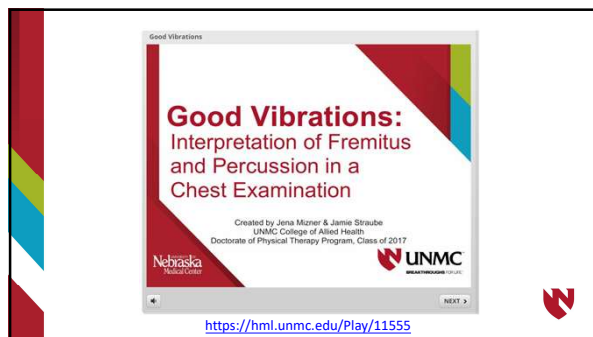
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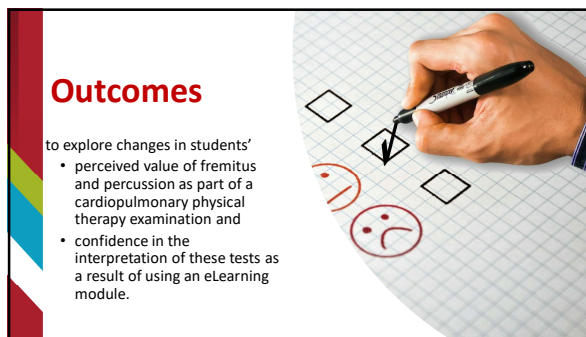
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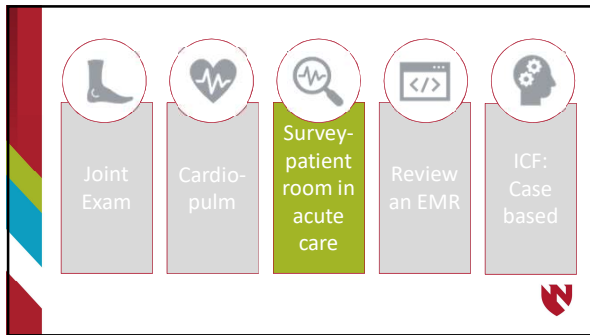
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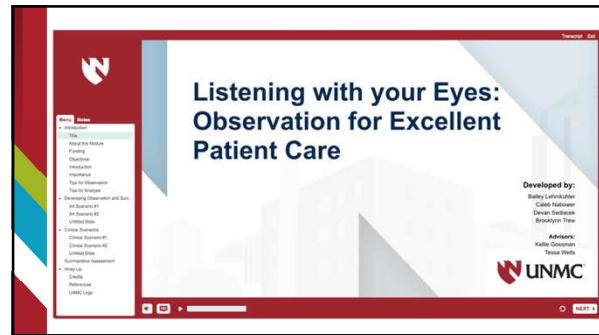
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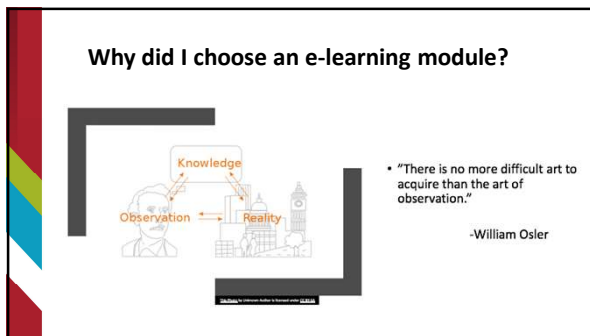
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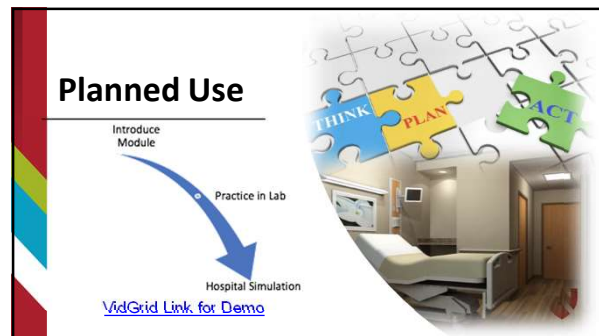
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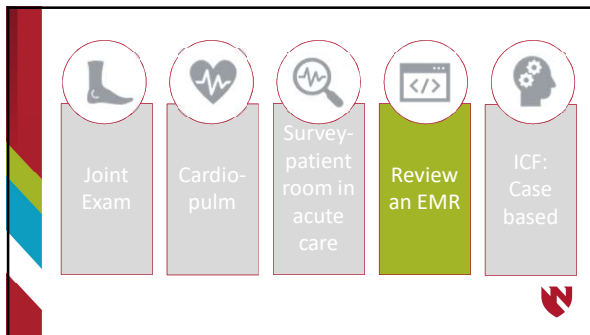
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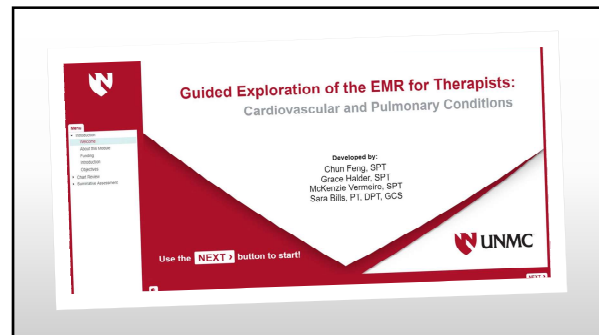
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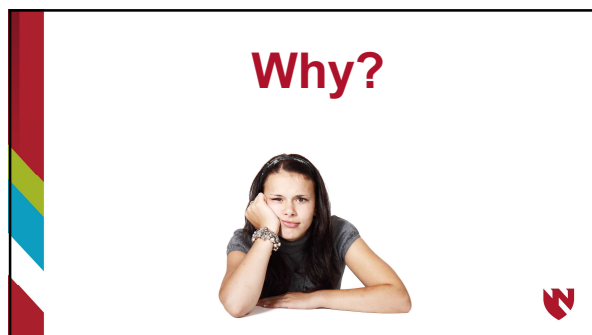
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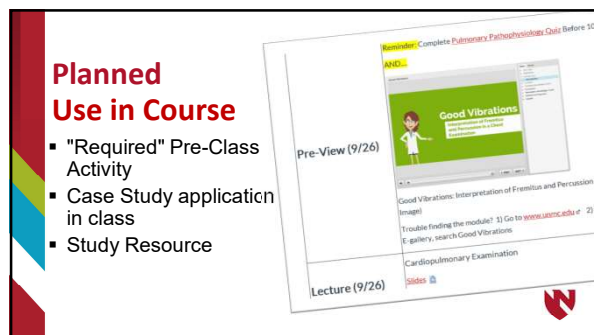
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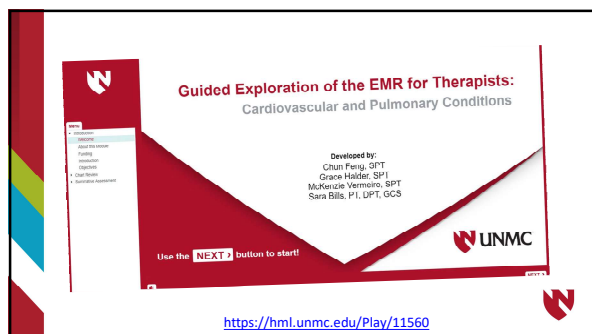
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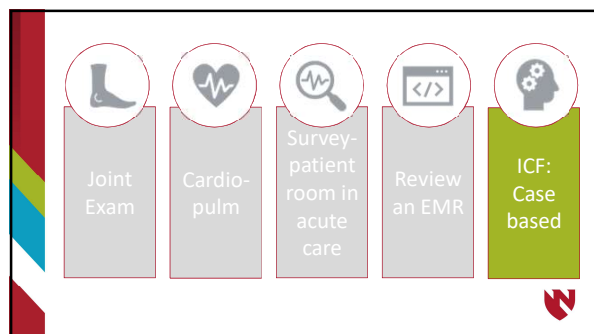
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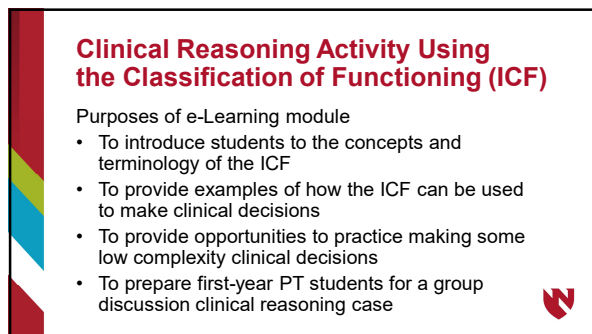
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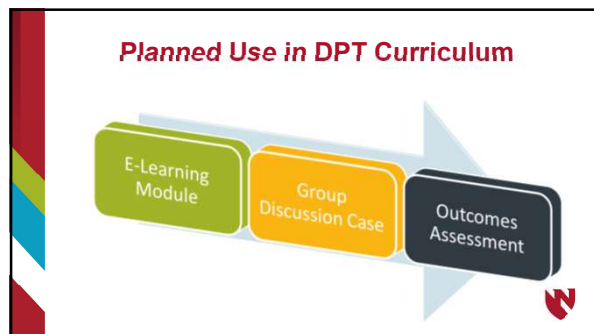
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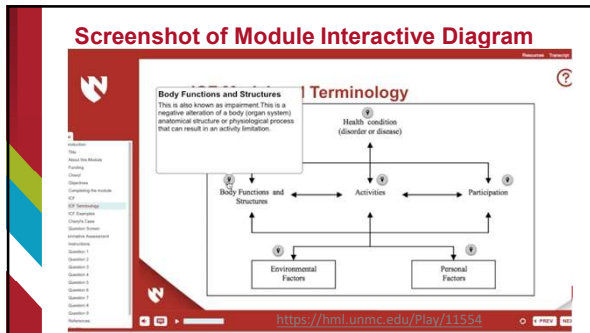
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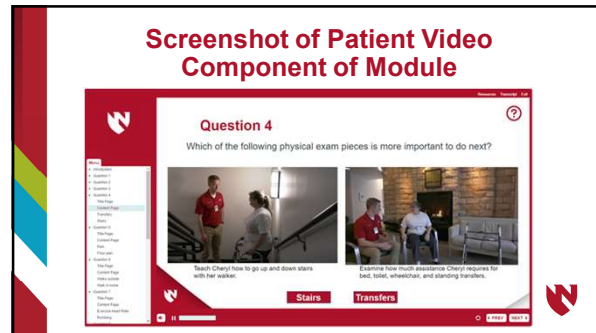
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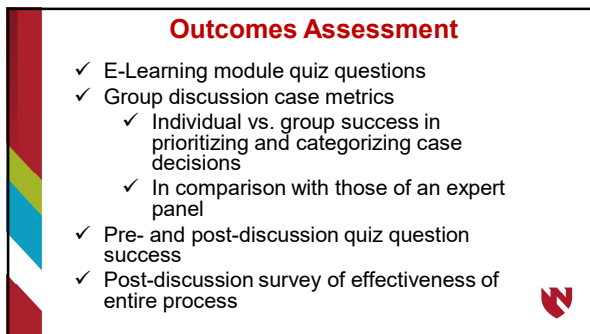
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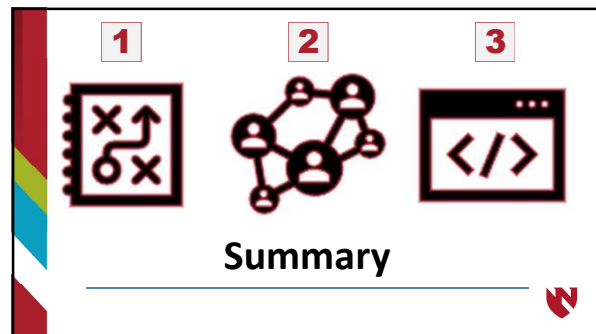
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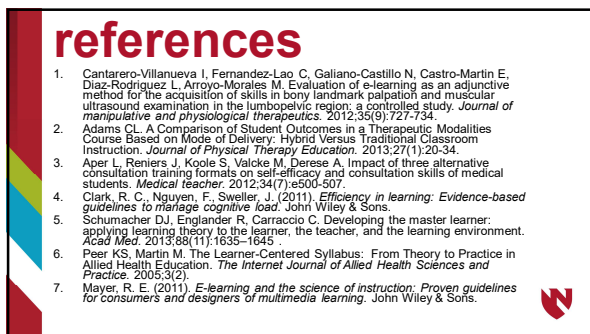
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