Social Media
Unboxed II


ANITA HAMILTON UNIVERSITY OF ALBERTA
Incorporating Wikis in health-care education
The Vision

To develop the skills of the next generation of health-care practitioners to use online tools so they can develop and disseminate excellent health care resources.
The Approach

Invite instructors to incorporate a Wiki into existing group-work assignment

Inform students about the project aims & the role of Wikis in health care practice

Provide training and support

Invite students and instructors to participate in a learning-style survey and focus groups
Wiki: Means “Quick” in Hawaiian

- An interactive website
- Able to be built, edited and modified with no knowledge of programming or HTML
- Excellent for collaboration
- Easy to learn and use, making it accessible to everyone, not just the tech-savvy!
- They can be public, private or by invitation

http://www.commoncraft.com/archives/000644.html
Physiotherapy Wiki

Seminar group 3

Critical Appraisal of Current Research Evidence: Total Hip Replacement

Brought to you by the student Physical Therapists of Team Phoenix. Follow the link to find out who we are!

Help! I’ve just had a hip replacement. What’s next? Click here

Case study- “Marta”

Marta is a 65-year-old female who has just been discharged home after a total hip replacement. She lives at home with her husband of 35 years. Home Care PT has been consulted after her total hip replacement. Marta has previously been diagnosed with Diabetes and this is controlled by diet. No other known co-morbid conditions.

Condition for which client seeks PT service - Client requires PT for strengthening and mobility exercises for the right hip and lower extremity:

Brief History of Condition - (including acuity/chronicity and pathology) Marta underwent a right Total Hip Replacement two weeks ago due to advanced osteoarthritic changes of the hip. The surgical incision was through the right gluteus medius and will result in poor pelvic and hip stability while walking (Trendelenburg gait) unless a strengthening program is started.

Social History - Marta likes to walk with her husband in her neighborhood and playing with her grandchildren. Due to the surgery Marta does not have the strength and the stability to walk independently and is afraid that she will fall and hurt her hip.

Client’s identification of problem - Reports moderate pain and functional disturbance. Unable to walk without a walker. Unable to balance or bear full weight on right leg
Storm clouds brewing
Unraveling the Difficulties
Mid-way Lessons

✧ Change to another wiki program

✧ Facilitators need to be flexible and creative

✧ Facilitators need skills and support

✧ Reduce other demands while adopting new technology

✧ A wiki is a journey… the process is as important as the product

✧ Don’t assume that people are tech-savvy based on age
Phase Two of the Journey
Friedreich's Ataxia

Friedreich's Ataxia is a slowly progressing, autosomal recessive, degenerative spinocerebellar disorder that affects multiple systems. It can manifest itself in terms of gait disturbance, heart complications, and/or speech impairments. Despite the aforementioned, the
Occupational Therapy Wiki

Reaching New Heights

NS-RATIO description

Come on out to "Urban Uprising" (located in the NW corner of the butterdome) for some CLIMB TIME. Through high-wall climbing and bouldering you will have an opportunity to discover the benefits of climbing including stress relief, physical fitness and accomplishing your goals. NO EXPERIENCE NECESSARY! Qualified instructors will be present.
Themes
Technology
Educator
Trust
Work habits
New learning environment
“...we spent more time trying to format than we did with the actual content...”
(Student)
“...it had a really good amount of functions... to link to external sources... link to somebody else’s page... loading external pages... that was pretty cool stuff!”

(Student)
“...I’ve found I have used the Wiki [again], we had to do a case history information and I used the Wiki to fill that in... it was easier than going through the textbook...”
(Student)
Theme 2

Educator knowledge, flexibility & enthusiasm, curriculum design.

“... I don’t think they understood how much work it was going to be to learn about the assignment and learn about this [wiki] too.” (Student)
Theme 2

Educator knowledge, flexibility & enthusiasm, curriculum design.

“...we hoped they would use the technology to facilitate learning” (Instructor)
Theme 2

Educator knowledge, flexibility & enthusiasm, curriculum design.

... she [educator] was perfectly willing to change the assignment a bit...

(Student)

“she got back to me right away, enthusiastic, detailed steps on how to do something or ‘come and see me’.”

(Student)
“I don’t know how the Wiki works really, but also with confidentiality...

...at an office only so many people have access... but on the internet?”

(Student)
“... the biggest [concern] would be trust, as to who is actually putting the information on it.”
(Student)

“...who had access and what their credentials were.”
(Student)
“We didn’t use the comments [tool] until the peer review process as we thought: ‘this is not our project, we don’t want to mess with it’.” (Student)
“….she’s often over at the library, she prefers it. I think she could use the computer if she wanted to”  
(Student)
“Something you can’t develop online is the friendship…” (Student)

“…you can’t fully understand someone if you don’t see them… gestures, facial expressions…” (Student)

Theme 4

Work habits – being comfortable with working online
“...this was a really
good opportunity... it
forced us to use it...
...there was some
pretty strong
resistance...
...it was a good way to
overcome... reluctance
for certain people”
(Student)
Theme 5

New learning environment

“There was a peer review process, we’d check content, grammar, anything and then there was an additional page linked where we would put all the suggestions…”

(Student)
Theme 5
New learning environment

“...you could see what they had posted and you could say “I have to post this for my group”.” (Student)

“...lets [students] have a chance to look at each other’s work... pick up on good ideas...” (Instructor)
Theme 5
New learning environment

“...when we do the editing everyone can see it... some may take it personally but it’s actually a good learning experience too”  
(Student)
Theme 5

New learning environment

“I might be able to critique someone’s work more on a Wiki rather than being face to face”
(Student)
Theme 5
New learning environment

“when you access someone’s ideas in written form you’re accessing different skills of theirs... not their personality, but their written work, it’s quite different [from] to face to face” (Student)
Theme 5

New learning environment

“We’re capitalizing on everyone’s strengths in the groups” (Student)
Achieving success when introducing a wiki

Educator/facilitator
Learners
Technology
Educator/Facilitator success

Positive attitude to online technology
Responsive online
Creative/flexible project design
Formative assessment
Think on feet
Share & receive technology tips
Learner success

Believe that the technology is useful, for now and future

See their capacity to collaborate is enhanced by the technology

Feel connected with the facilitator/educator

Given time to learn and adapt to the new technology
Technology success

Sophisticated yet simple/intuitive

Available 24/7 (or close to that)

Suits project goals

Has a “sandbox” to play with the tools and to share tips

Appropriate support (IT)
Diffusion of Innovation

An Idea

Embed wikis into group projects so students develop skills

Communication Channels

Faculty, students and IT support about aims of project

Time

To research appropriate tools, research the literature, adapt projects to online collaboration, teach online tools

Social System

Collaborative, supportive (incl. $), problem-solving, flexible, creative
Example of a Wiki in Practice
http://homeforlife.pbworks.com/

Home for Life-
- Design and Modifications for Barrier-Free Living -

If you are looking to design and/or modify your home to be more accessible, you are in the right place! This wiki is a resource centre for clients, families, healthcare professionals, architects, designers, and contractors to find and share information about home modifications.

This wiki is targeted for persons living in Alberta, Canada. However, it can be accessed by anyone in the world. Wherever you are from, welcome! Please feel free to look at our wiki, make an account, and add to it...
Example of a Wiki in Progress

Welcome to Health Evidence Search Wiki
-Linking Research and Practice-

Evidence-based practice improves quality of clinical judgement and facilitates cost-effectiveness of healthcare. This wiki is created with a hope to facilitate evidence searching and thereby promote evidence-based practice in healthcare. This Wiki provides brief descriptions of and links to reliable places for healthcare practitioners to search for healthcare evidence on the Internet.

This Wiki is targeted for students, researchers, and practitioners worldwide in areas of occupational therapy, physical therapy, speech & language pathology, nursing, and all allied healthcare. Anyone can edit the pages and add their own links. Please join and share your resources. Please follow the link on the bottom of this page to learn how to make your PBwiki account and how to edit/add resources on this wiki.

The administrators of this wiki reserve the right to remove additions that do not comply with the purpose and/or standards of the wiki.

Clinical Practice Guidelines
Database
Health Economics
Questions?

Please send me your ideas and/or questions
You can contact me: anita.hamilton@ualberta.ca

