

Wiki What?

Residency Information Management in the Age of Millennials

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DISCLOSURES

■ None

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Upon completion of this session, participants should be able to...

1. List at least three advantages of a wiki compared with other forms of information management, i.e. note sharing programs.
2. Describe at least three different features of wiki platforms that are relevant for an individual program to consider when creating their own wiki site.
3. Create their own wiki site if desired.

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As a resident (or student...or even faculty) in clinic, what types of information do you need?

Where do you go to find this information?

How long does it take to find good information?

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TYPES OF INFORMATION

- Residency-specific administrative information
 - Policies & Procedures
 - Schedules, Leave
 - Rotations
- Relevant clinical references
 - Guidelines
 - Diagnosis and management algorithms
- Didactics
 - Lecture slides
 - Handouts
- Faculty Expertise



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INFORMATION OVERLOAD...



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INFORMATION PROBLEM

- How often do you feel you can find the clinic information you need quickly enough?
- <http://umdfammed.wikispaces.com/-/PDW2018/TeamI/>

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SOLUTION?

- Cork boards
- Email
- Google Docs
- Blackboard
- Evernote
- Website

Wiki!



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WHAT IS A WIKI?

- A website that allows collaborative editing of its content and structure by its users



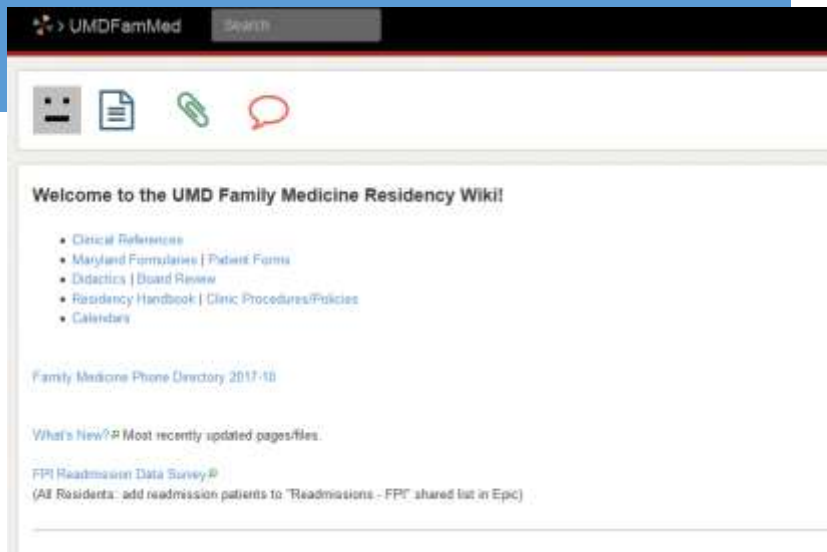
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WIKI ADVANTAGES

- **Rapid access to information**, including during clinic
Any format of digital information/media
- **Delegates the responsibility** for maintaining such a broad level of information
- **Program-specific, “need to know” format** and can include hospital, clinic, and EMR-specific instructions
- **Changes to a page are unobtrusively tracked** automatically and easily reversed
- **QI and other collaborative projects can be easily managed**
- **Faculty development**
- **Accessible to non-tech-savvy people** (everyone!)

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MARYLAND'S WIKI



The screenshot shows the homepage of the UMD Family Medicine Residency Wiki. At the top, there is a navigation bar with the text "> UMDFamMed" and a search box. Below the navigation bar, there are four icons: a smiley face, a document, a paperclip, and a speech bubble. The main content area features a heading "Welcome to the UMD Family Medicine Residency Wiki!" followed by a bulleted list of links: "Clinical References", "Maryland Formulates | Patient Forms", "Didactics | Board Review", "Residency Handbook | Clinic Procedures/Policies", and "Calendar". Below the list, there is a link for "Family Medicine Phone Directory 2017-18". At the bottom of the main content area, there is a section titled "What's New?" with a sub-heading "Most recently updated pages/files." and a link for "FPI Readmission Data Survey" with a note "(All Residents: add readmission patients to 'Readmissions - FPI' shared list in Epic)".

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CLINICAL REFERENCES

- Preventive Medicine
- Well Child Checks
- Asthma
- Diabetes
- Keeping Up (EBM Resources)
- Procedures



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NON-CLINICAL REFERENCES

- Insurance Formularies
- Residency Handbook
 - Rotation Information
 - Clinic Policies
- Schedules
- Board Review & Didactics
- Billing & Coding
- EMR template information



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FACULTY EXPERTISE: UNITY'S SOLUTION

A screenshot of a web application interface. At the top, there is a navigation bar with links for 'Members', 'Projects', 'Events', 'Engagement', and 'Settings'. The main content area is titled 'Clinic Sessions' and includes an 'Edit' button. Below the title, there are instructions for editing a clinic session, a 'Table of Contents' sidebar with links to 'Upper Cardozo', 'Policies', and 'DMT Clinic', and a list of documents including 'Clinic sessions handbook 12 2016.doc' and 'WU1 Meditations.doc'. The page is signed off by 'Upper Cardozo' and includes a footer with dates: 'UC 2016 December', 'UC 2018 November', and 'UC 2019 December'. On the right side, there is a sidebar menu with options like 'Home', 'Handbook', 'Clinic Sessions', 'Clinical References', 'Discipline', 'Residency Handbook', and 'all requests'. The bottom right corner of the page features the text 'PHYSICIANS'.

unitydcfmr Search

Members Projects Events Engagement Settings

Clinic Sessions

Buchholz
 To: Rivas, Shiraki
 Date: 3/15/2017
 Latent TB infection in the United States

Rifampin is an oft-overlooked option for latent TB infection (LTBI), despite having lower risk of Grade 3/4 hepatotoxicity than INH (0.7% for rifampin vs. 3.8% with INH), and a lower discontinuation rate due to adverse events compared to INH in clinical trials (2.1% for rifampin vs. 3.7% for INH). Many patients at Upper Cardozo with latent TB infection prefer rifampin to INH when given the choice (even though it may make their urine and/or tears turn orange!).

I'm attaching a clinical practice review from NEJM in 2011 that has a great table comparing INH and rifampin courses for LTBI:

NEJM 2011 latent TB infection treatment...
 Details Download 487 KB

Here is a link to Table 3 itself:

Table 3 from NEJM 2011 article on LTBI tr...
 Details Download 247 KB

Gratuitous quote from Dr. Paul Farmer, as quoted by Tracy Kidder (emphasis mine):

"I think whenever a people has enormous resources, it is easy for them to call themselves democratic. I think of myself more than an American. ***We belong to the nation of those who care for the sick.*** Americans are lazy democrats, and it

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Members Projects Events Engagement Settings

Clinic Sessions

To edit a Clinic Session

1. Click on the session
2. Click on the edit icon
3. Add a new session
4. Start typing
5. Go to "Save"
6. You can edit
7. If it's not ok
8. Please note
9. It is expected
10. Residents

Instructions will be displayed


Upper Cardozo

UG 2016 December
 UG 2016 November
 UG 2016 December

- clinical findings suggesting dacryocystocele (a bluish swelling of the skin overlying the lacrimal canthal tendon)

Management:

- lacrimal sac massage and observation (moderate pressure downward over lacrimal sac for 2-3 minutes)
- if not resolved by 6-10 months of age, lacrimal duct probing is performed
- if purulent discharge and no other signs of infection, likely bacterial overgrowth in stagnant tears; topical antibiotics may be useful in controlling bacterial overgrowth



Image

nasolacrimal duct obstruction

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Clinic Sessions

To Edit a Clinic Session:

UC 12-7-15 AM

Residents: Sheriff, Jimenez
Preceptor: Huang

Patient and clinician handouts in Reproductive health (including Male optional)
<http://rhedi.org/patients.php>
<http://www.reproductivewisconsin.org/key-areas/contraception/>

Diabetes treatment: insulin and how to switch between different insulin

Insulins.pdf
 Details Download 128 KB

how to switch insulins.pdf
 Details Download 514 KB

Add Discussion

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Clinic Sessions

To Edit a Clinic Session:

WJ 6-1-14 PM

Lawrence
Novak, Halsey

The bug bites of summer. Let's be ready for the summer with all of the patients who will be coming in with acute signs of insect and arachnid bites, and secondary signs and infections that were caused by the scratching associated with the often harmless bites that occurred weeks prior. Can't remember what all the bugs and their bites look like? Check out below:

<http://www.waiond.com/is/legion/s/sidewhine-100-bugs/>

<http://www.upToDate.com/content/acute-toxic-reactions-to-insect-bites-skin-lesions-symptoms?source=mechanicalLearning&search=bug+bites&selectedTitle=2%7E150§ionRank=1&anchor=H53162738-H53162738>

So, your patient has positive nitrites on her in office urine dip. And a little pain. She needs ten days of double treatment antibiotics, right? Well, let's just see about that...

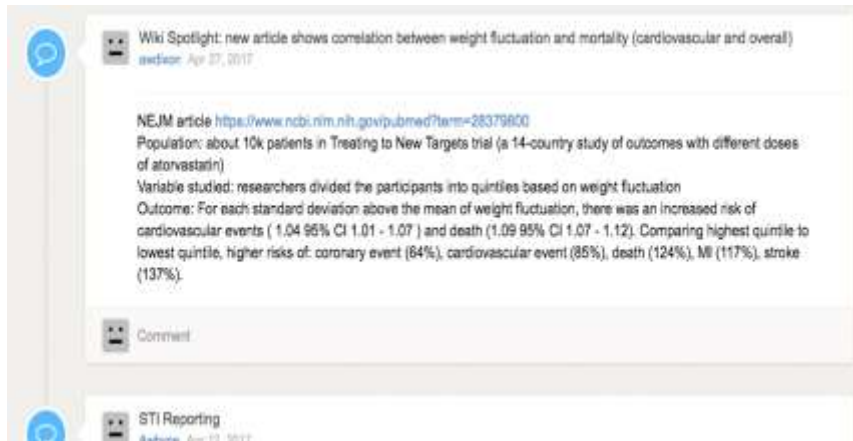
<http://www.upToDate.com/content/acute-urinary-tract-infections-cystitis-and-pyelonephritis-in-women?source=mechanicalLearning&search=treatment-of-uncomplicated-uti&selectedTitle=1%7E150§ionRank=1&anchor=H99549108H-H99549117>

Your postmenopausal patient has vaginal atrophy, among other complaints. Let's correctly treat this one.

<http://www.wafp.org/ty20090815p3092.html>

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UPDATES



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MAINTENANCE

- Wiki champions – 3 residents (1/year)
- Weekly review of clinic sessions and post to wiki (i.e. at faculty meetings)
- Faculty oversight
 - review edits of reference pages
 - lead faculty for rotations assigned to maintain their topic



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UTILIZATION

- Do the residents actually use the wiki?



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LET'S TRY IT!

- Please pair up with your neighbor and go to the wiki site on your own device (laptop or tablet preferred, smart phone ok)
- <http://umdfammed.wikispaces.com>

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LET'S TRY IT!

■ <http://umdfammed.wikispaces.com/>



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WHERE TO START?

<http://www.wikimatrix.org/>



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WHERE TO START?

- **What are others using?**
- Online learning platform:
 - Canvas
 - pbworks
 - Google wiki
 - Sharepoint (Microsoft)

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FEATURES TO THINK ABOUT

- Free vs. Paid subscription
- Software vs. web-based/hosted remotely
- WYSIWYG (What You See is What You Get)
- Page version history/tracking
- Calendar



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RECOMMENDED PRACTICE CHANGES:

- Create an easily updatable and maintainable centralized resource for residency clinical and administrative information
- Develop a process for addition of new content to this residency resource
- Develop a process for continual review of this residency resource

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ASK US!

- a.howell.md@gmail.com

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QUESTIONS?

Thank You!

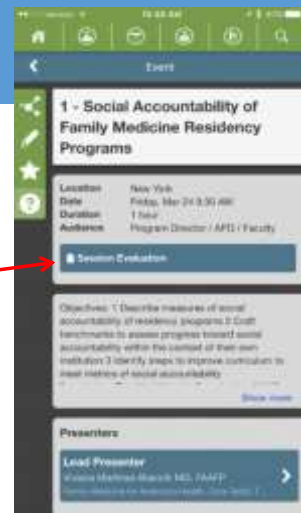


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PLEASE

complete the
session evaluation.

Thank you.



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