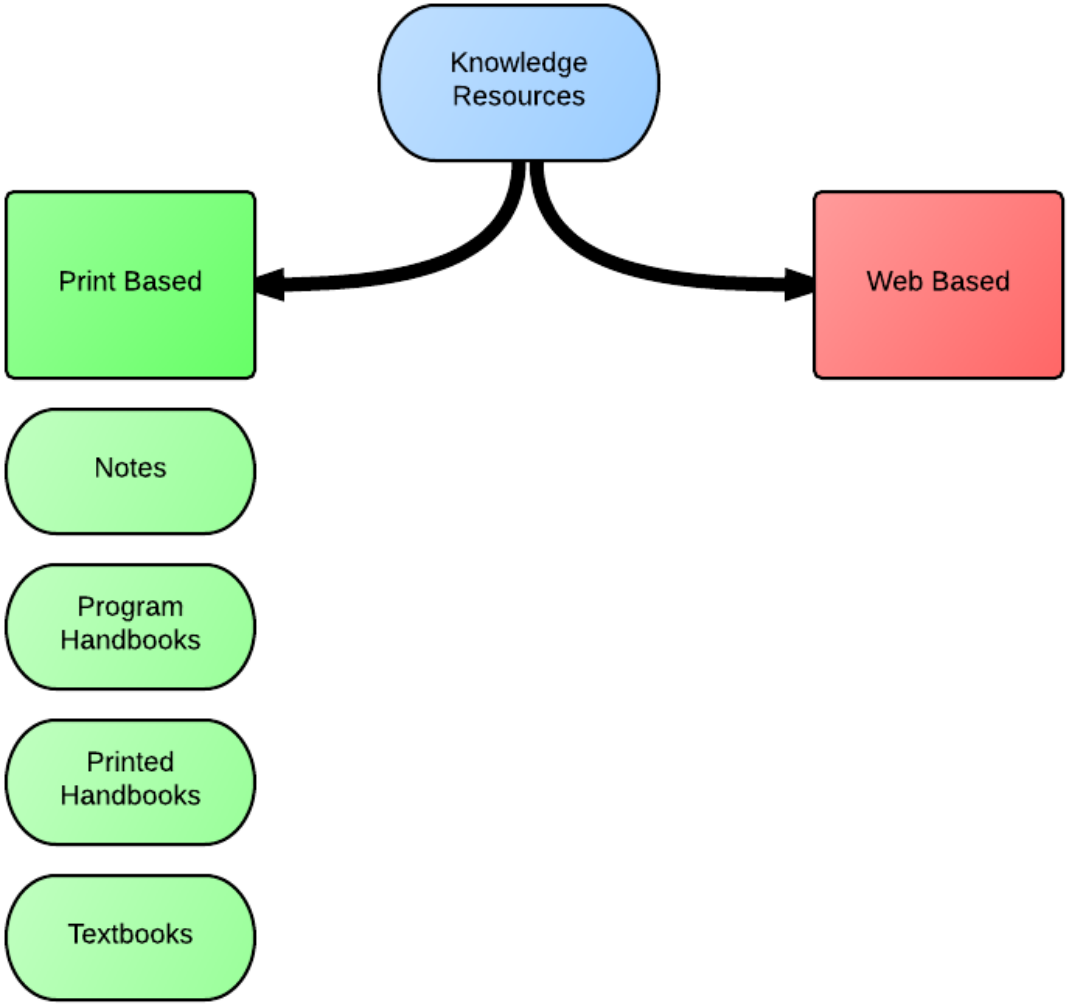
Teaching With Technology

A Resident Initiated Online Knowledge Archive

Outline

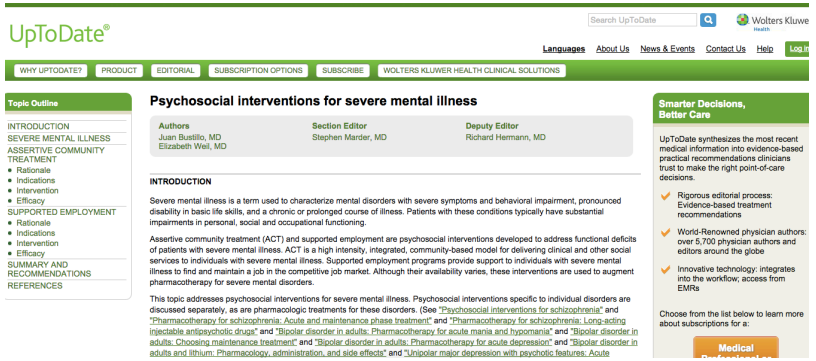
- Background Specific to Psychiatry
- Trends in Websites and Education
- PsychOnCall.com

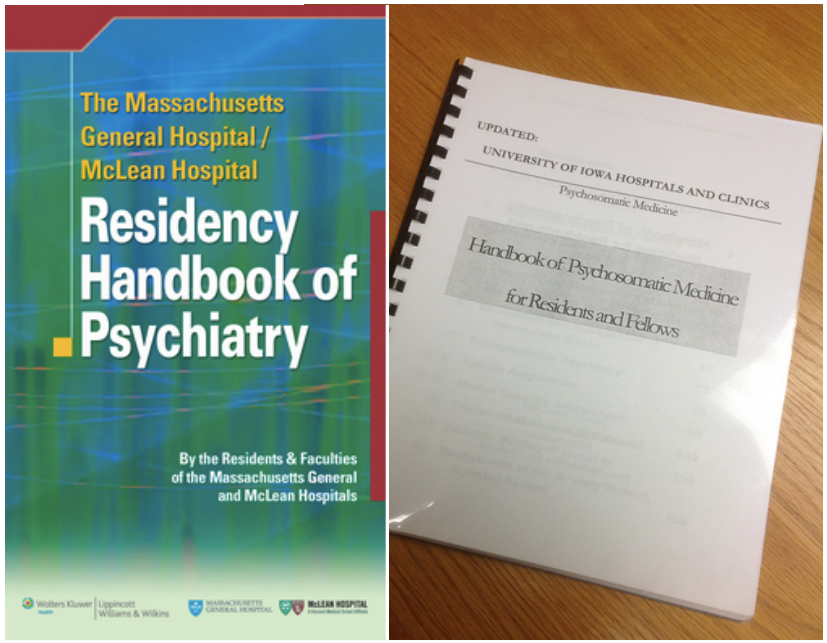
Background


Knowledge Resources
Print Based
Web Based
Notes
Program Handbooks
Printed Handbooks
Textbooks

Background: Print vs. Electronic

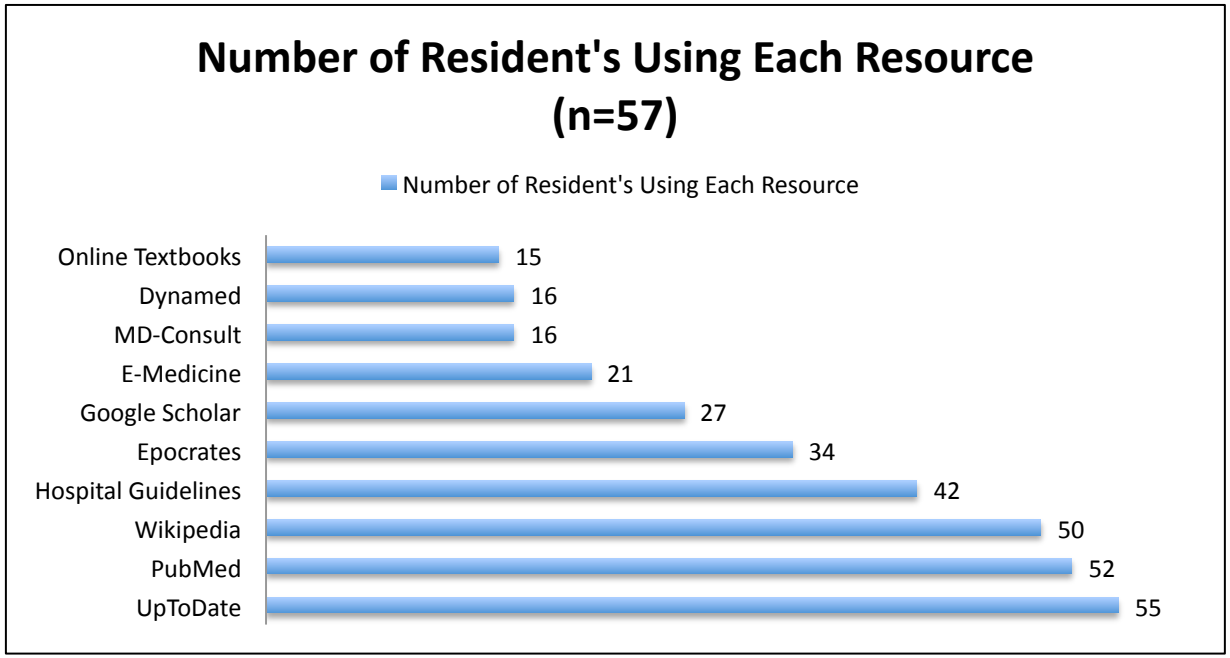
- Little published data.
- Likely site dependent
- Dynamic
- Pilot Study



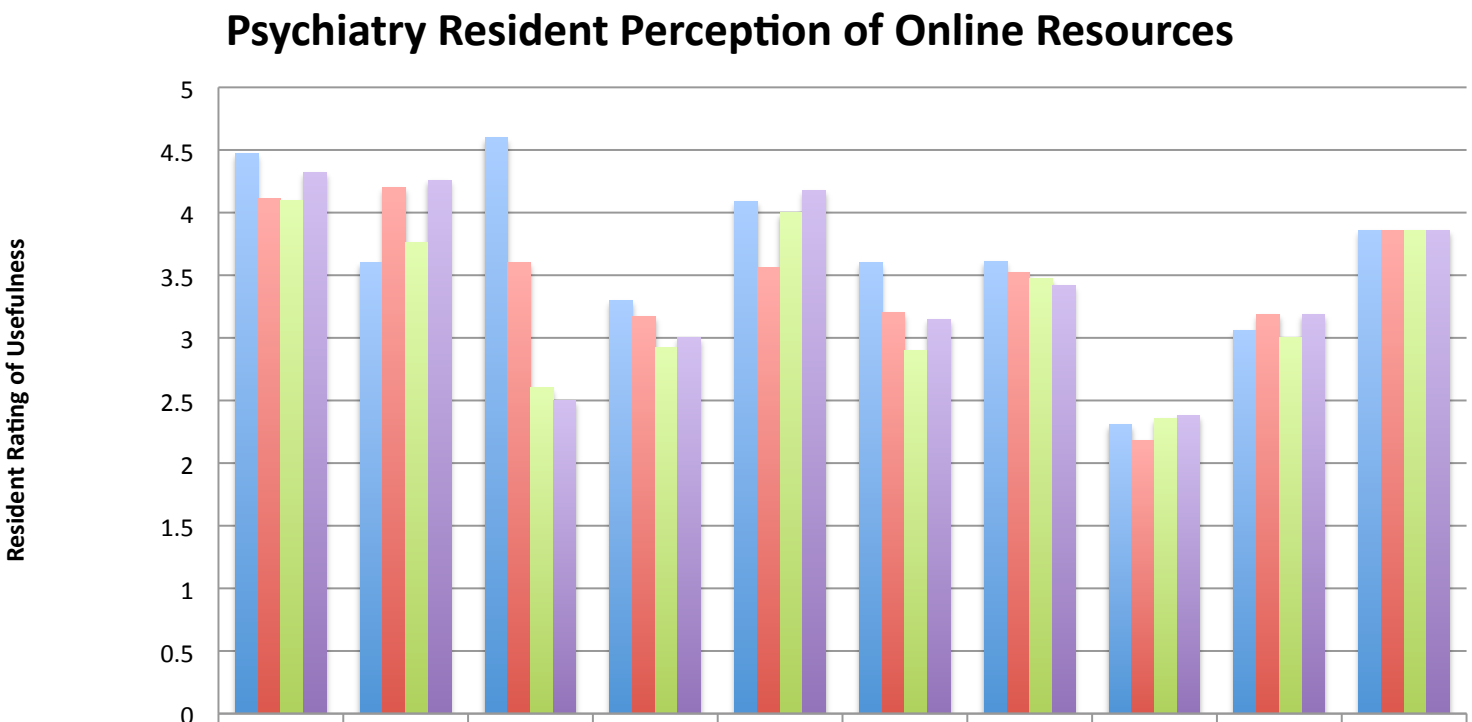


Background: Print vs. Electronic

32% vs. 68%



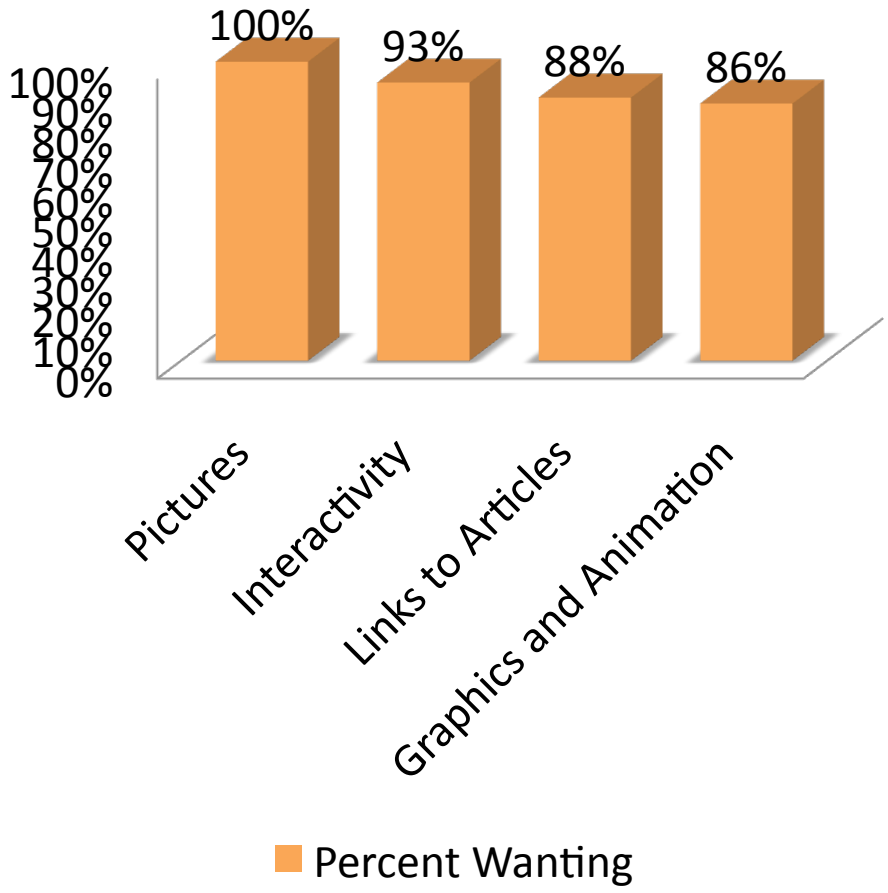
Background: Electronic



	UpToDate	PubMed	Wikipedia	Hospital Guidelines	Epocrates	Google Scholar	E-Medicine	MD-Consult	Dynamed	Online Textbooks
Ease of Use	4.47	3.6	4.6	3.3	4.09	3.6	3.61	2.31	3.06	3.86
Personal Learning	4.11	4.2	3.6	3.17	3.56	3.2	3.52	2.18	3.19	3.86
Clinical Decision Making	4.1	3.76	2.6	2.92	4	2.9	3.47	2.36	3	3.86
Trust	4.32	4.26	2.5	3	4.18	3.15	3.42	2.38	3.19	3.86

Trends

- What do residents expect in an educational website today?
- Again, very little data



- Batthish M, Bassilious E, Schneider R, Feldman BM, Hyman A, Tse SM. A unique, interactive and web-based pediatric rheumatology teaching module: residents' perceptions. Pediatr Rheumatol Online J. 2013;11(1):22.

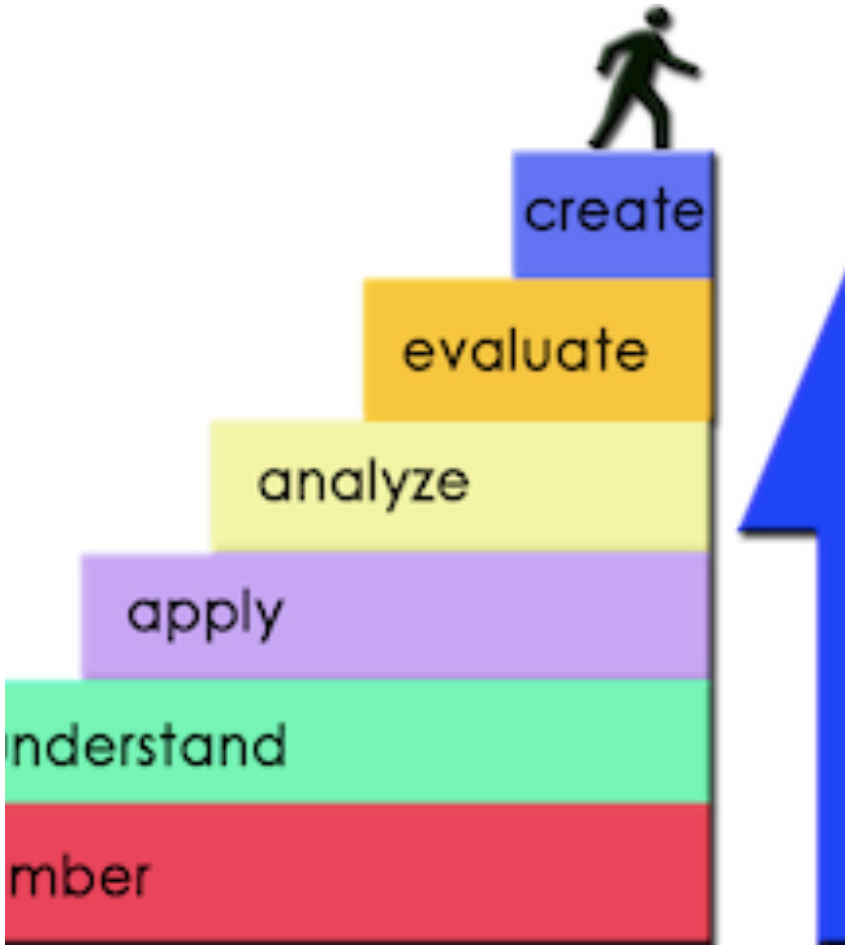
Trends

- Easier to build websites
- Minimal to no programming experiences required
- Low Costs

Trends

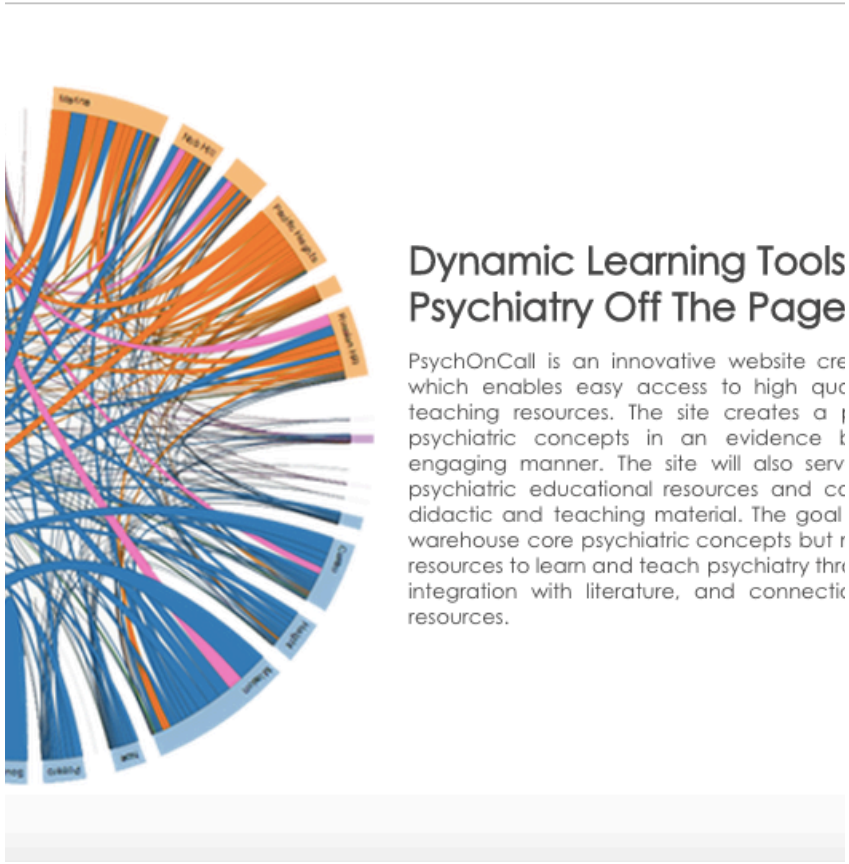
- Adult Learning Theory

- Flipped Classroom Model

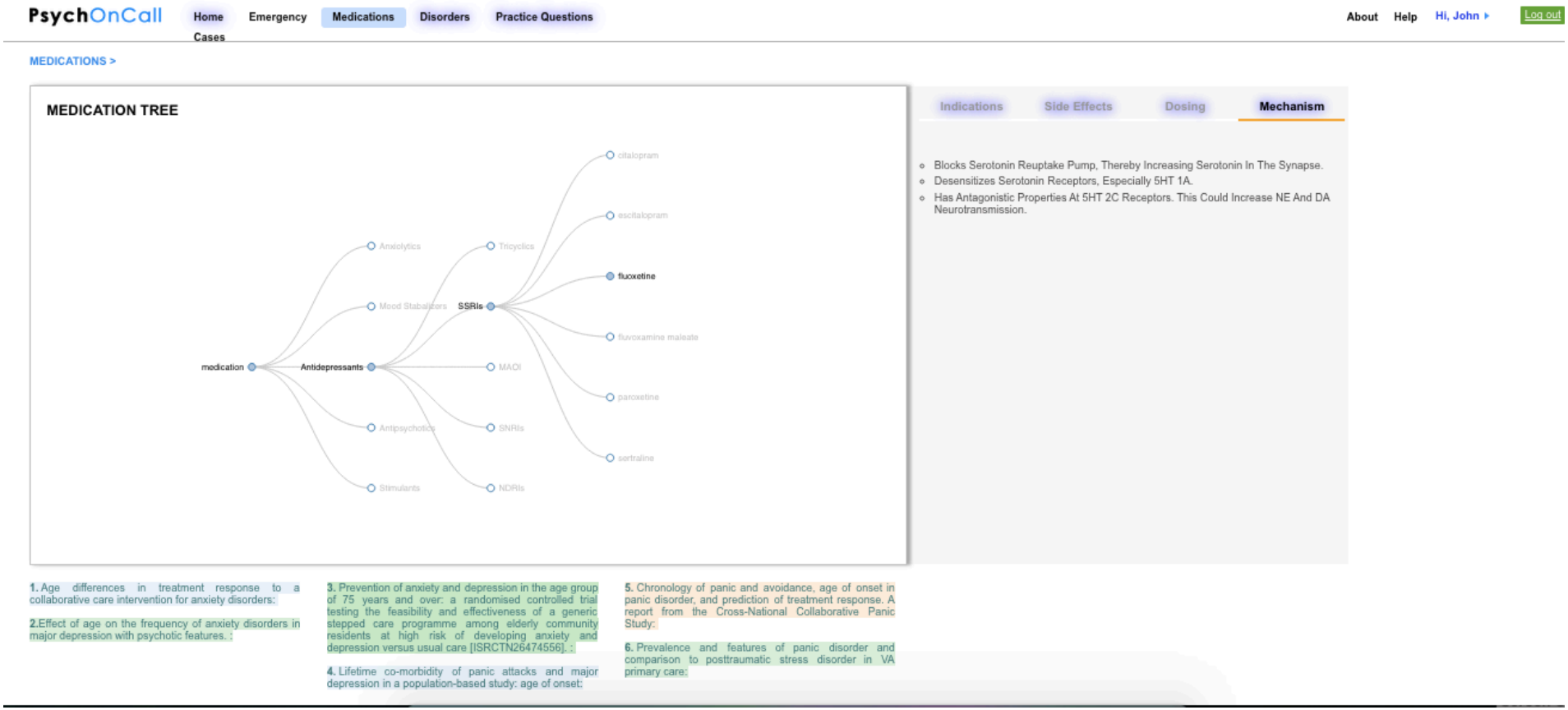


PsychOnCall.com

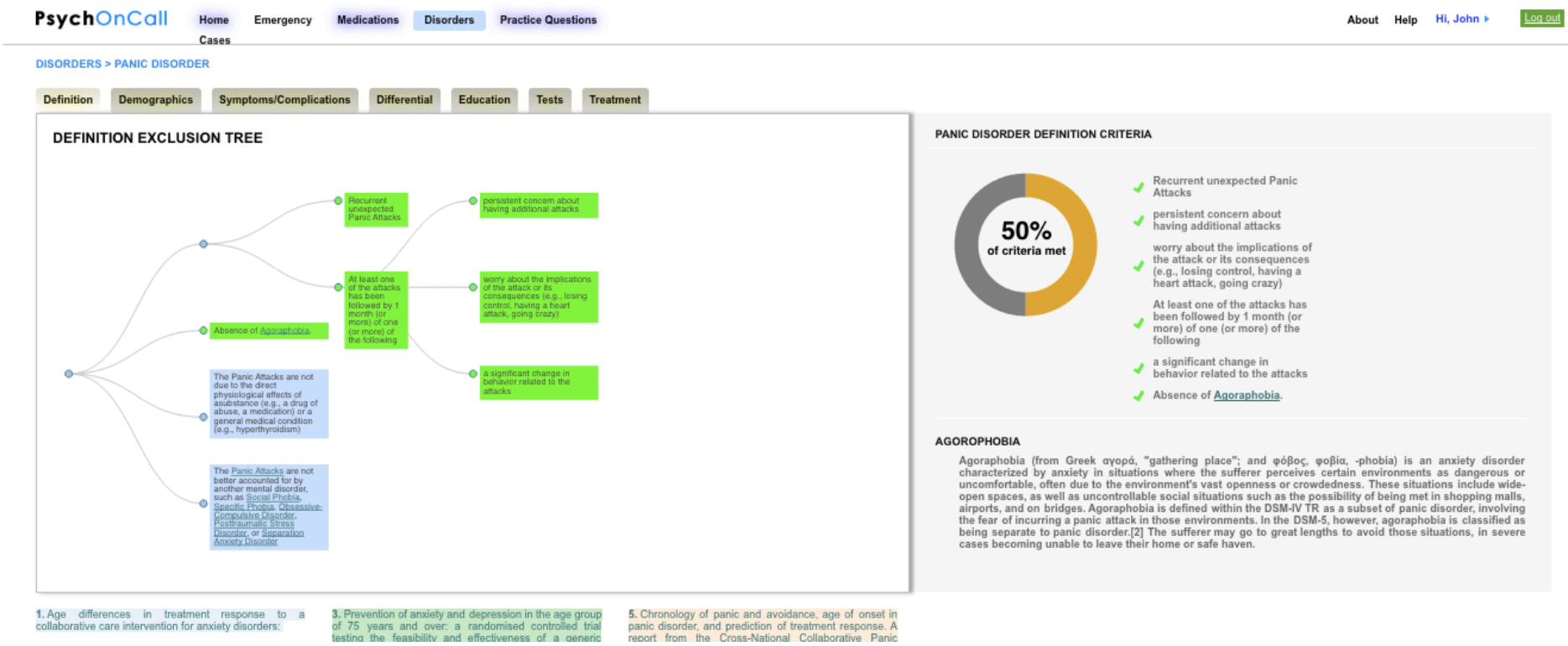
- No funding
- Pilot Website
- Understanding Barriers and Opportunities
- No conflicts of interests/ commercial applications



PsychOnCall.com [Meds]



PsychOnCall.com [DSM]



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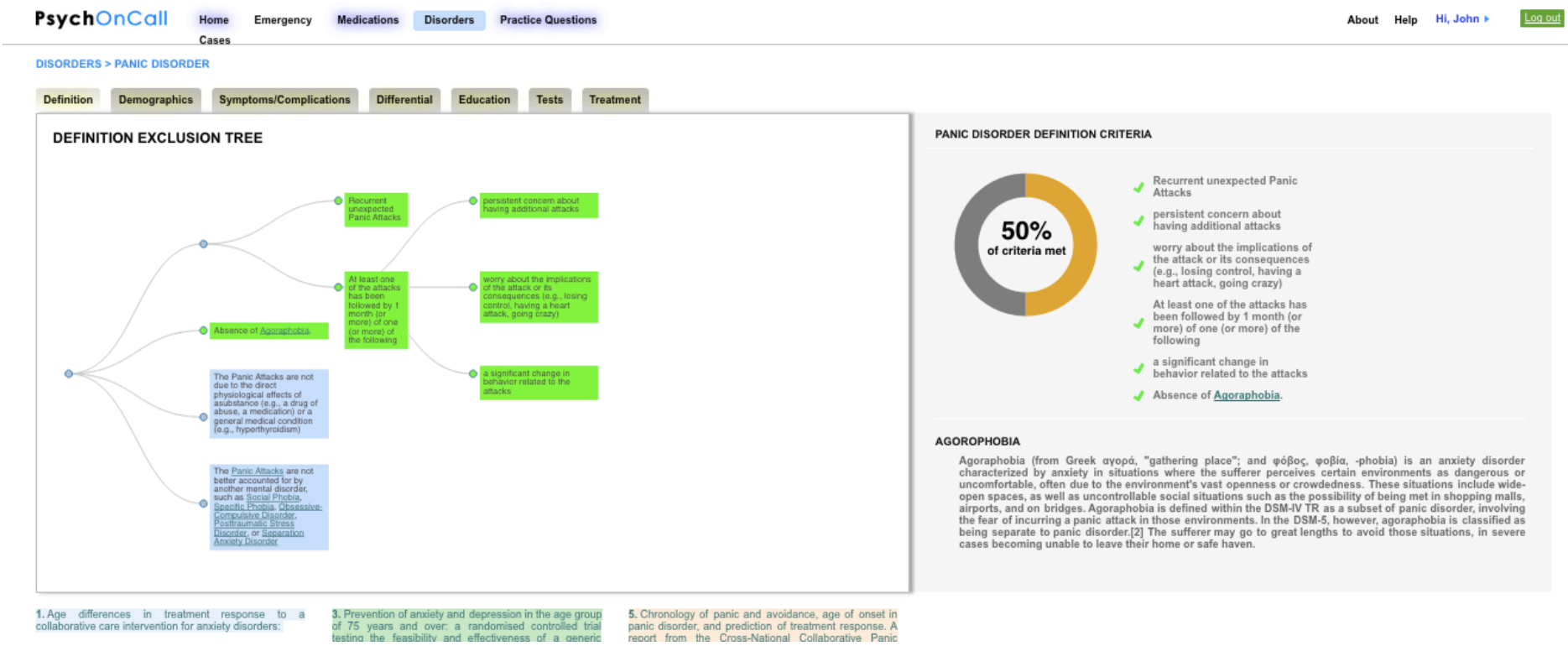
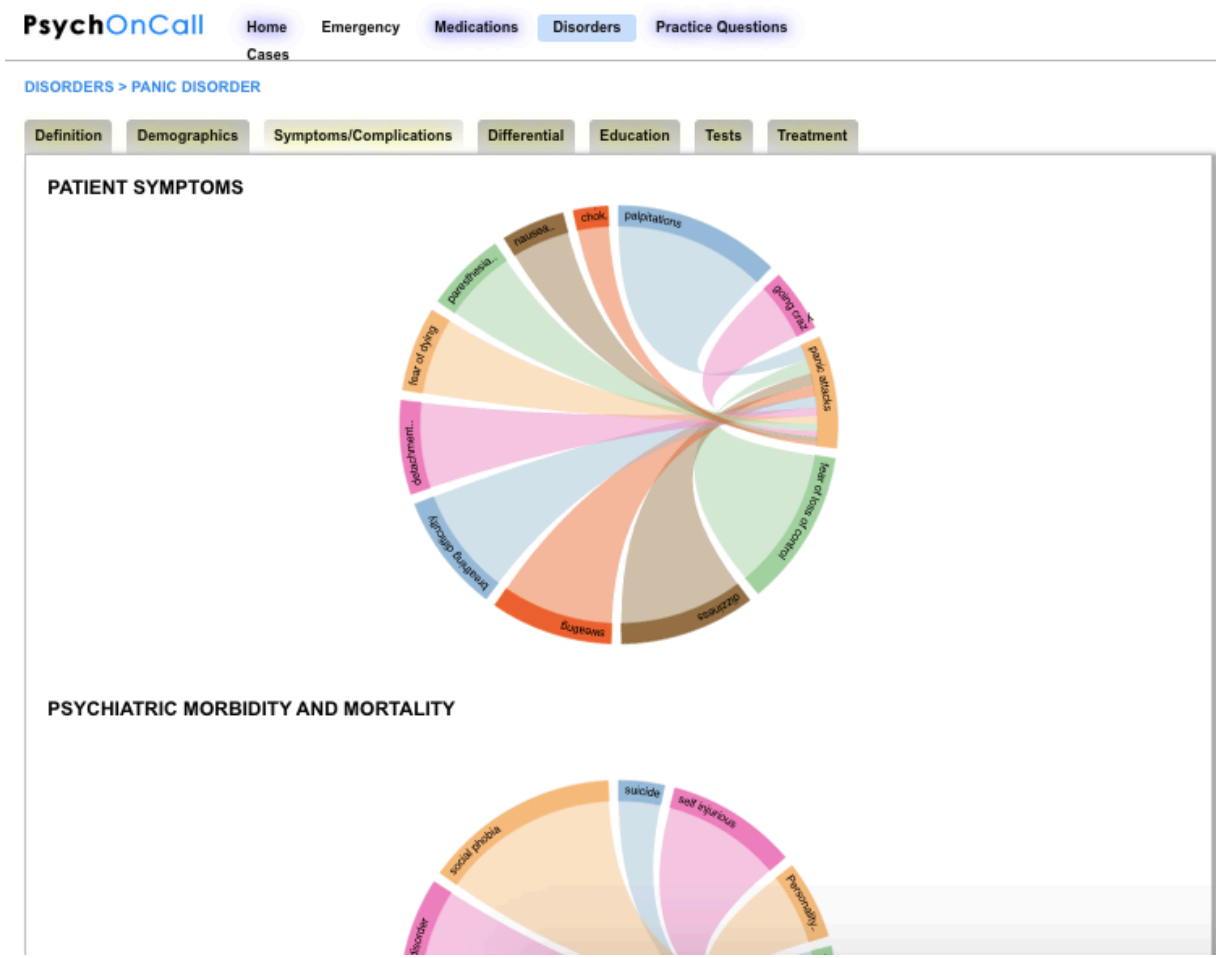
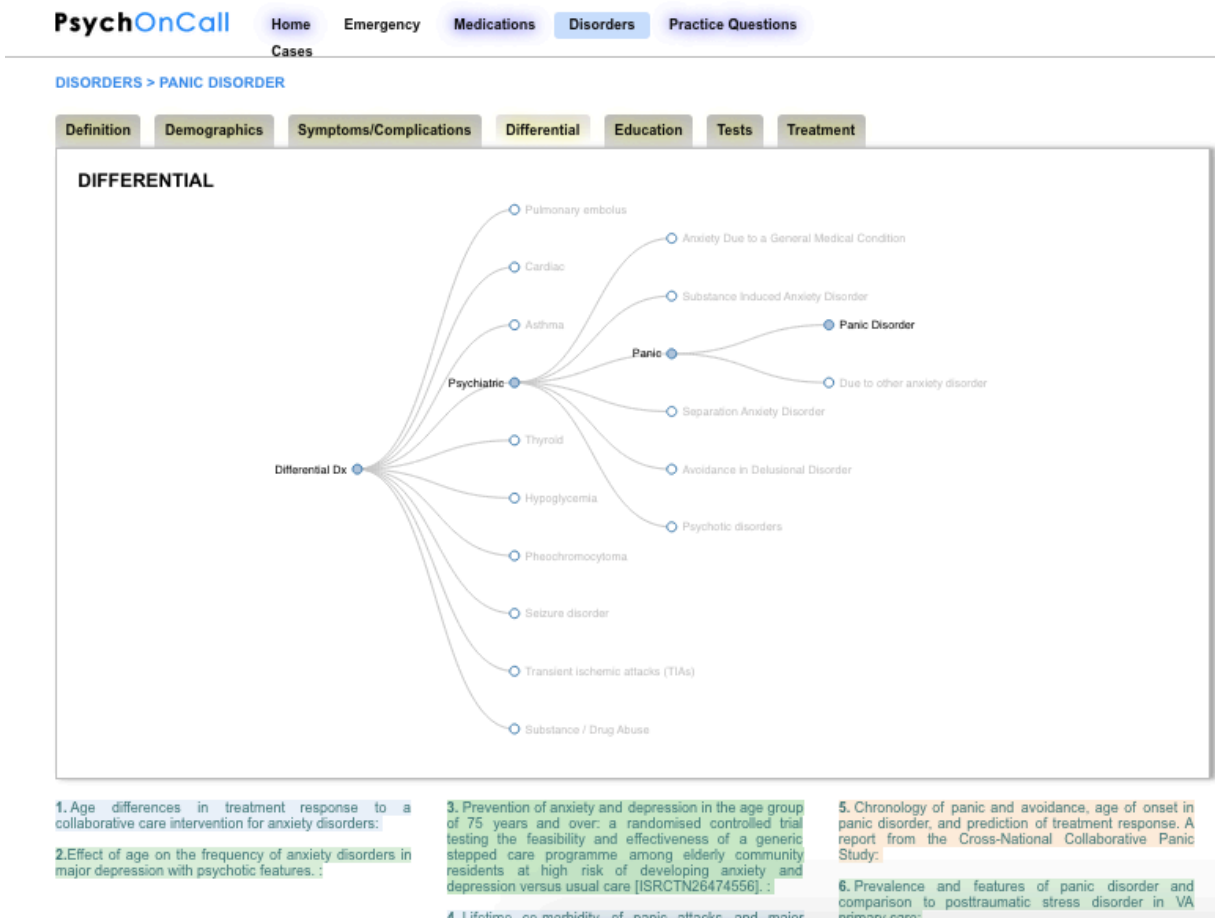


PsychOnCall.com [Symptoms]

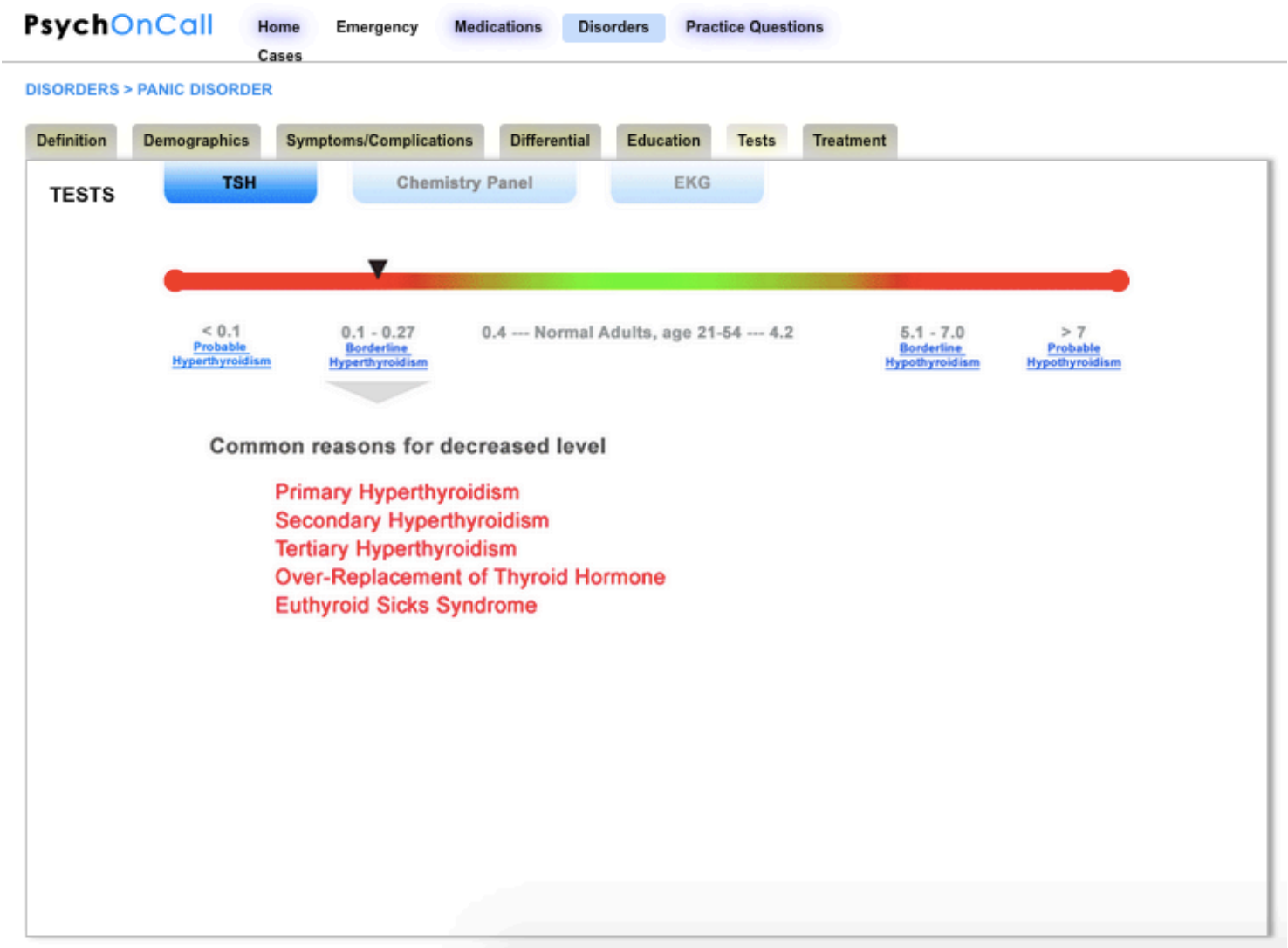


PsychOnCall.com [Differential]

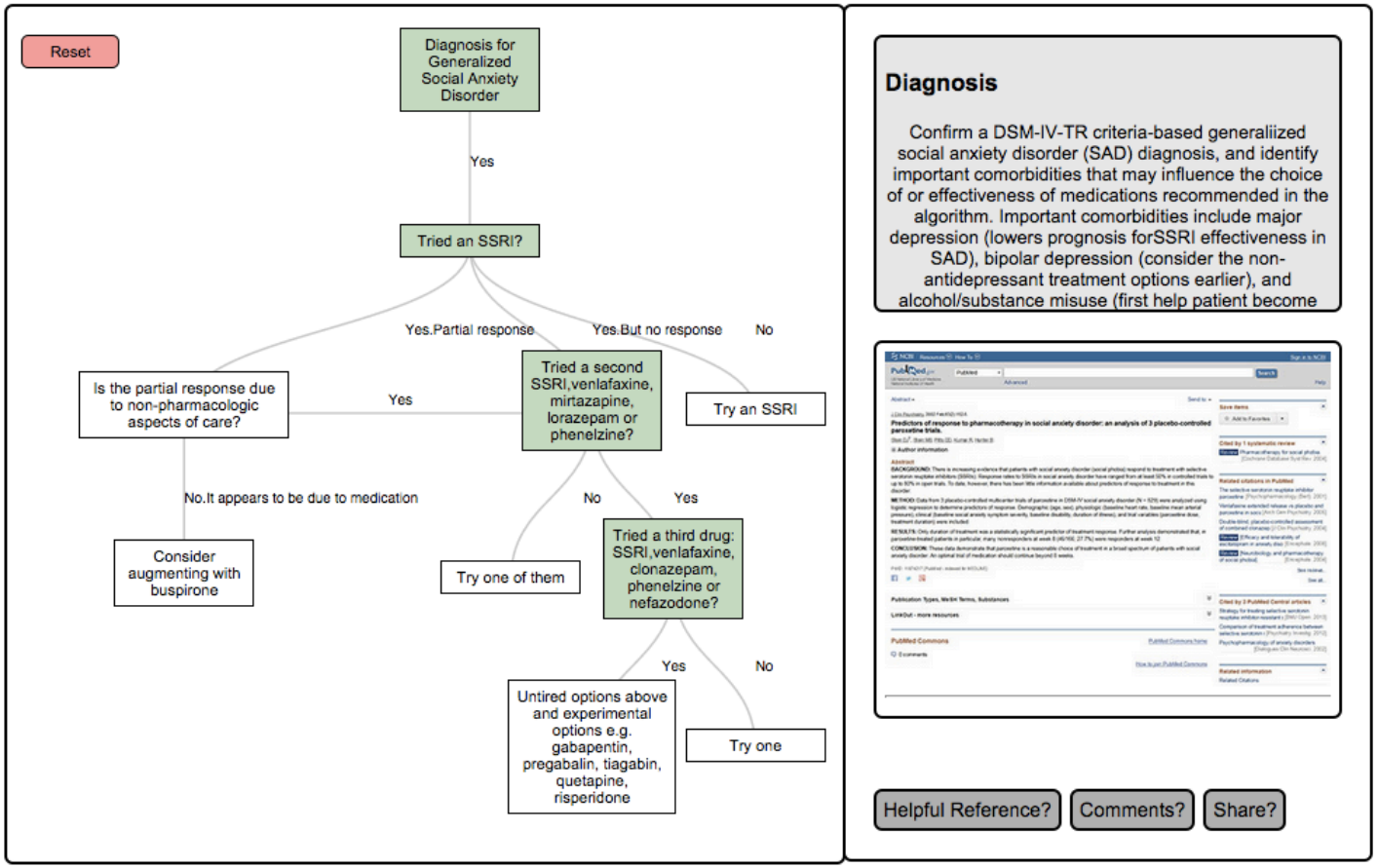


PsychOnCall.com [Education Hub]

PsychOnCall.com [Labs]



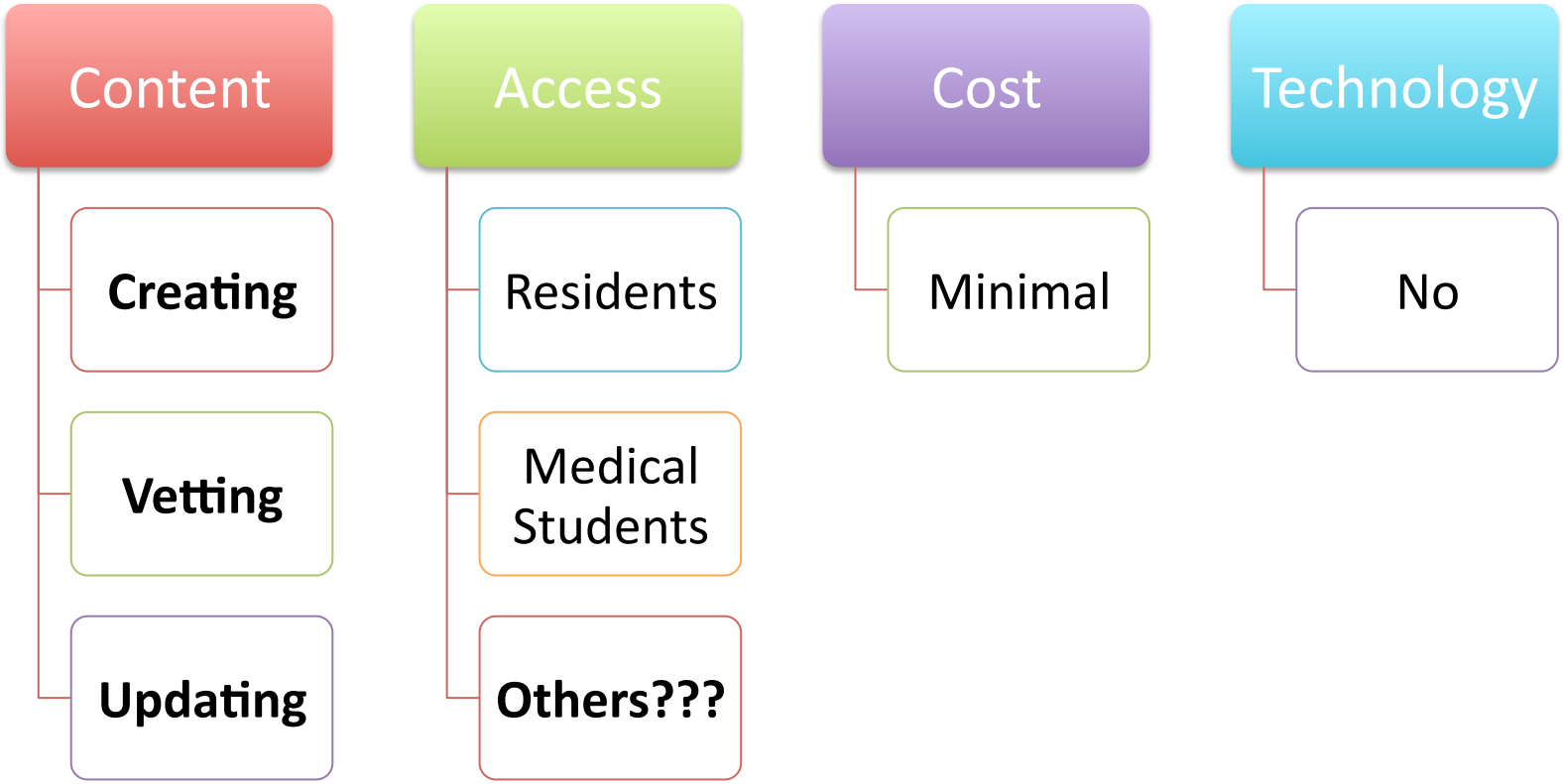
PsychOnCall.com [Algos]



Potential

- Educators have a voice in web education
- Platform for collaboration
- Better understanding how educational websites are used.
- Active learning for residents and medical students
- Convenient and Useful Tool
- Encourages Use of Primary Source Literature

Challenges


Content
Creating
Vetting
Updating
Access
Residents
Medical Students
Others???
Cost
Minimal
Technology
No