Knowledge Translation in the Digital Age

Ken Milne @TheSGEM
Audience Participation

Supported by evidence
Truly necessary
Not a duplication
Free from harm
Knowledge Translation?

There is a KT Problem
KT Problem
Evidence of KT Problem
Pathman: The Leaky Pipe Model

Optimal Patient Outcomes Based upon Best Evidence

High-quality Clinically Relevant Evidence

Awareness
- Accessible appraisals
- Automatic delivery of newsworthy, clinically relevant evidence

Acceptance
- Tort reform
- Interdisciplinary education
- Balanced commercials
- Original research description of evidence use at dissimilar clinical settings

Applicable
- Increased pragmatic clinical trials
- Clear description of demographics

Act On
- FDA or computer order entry prompts

Agreed, Adhered
- Information Overload, Literature Search Deficiency, Inadequate Time, Inefficient Strategies
- Uncertain Interpretation, Uncertain Local Demographics, Clinically Significant Differences from Study Population
- Hectic ED Environment, Frequent Distractions, Competing Mandates

Resource Constrain
- Skill Competence

Information Overload, Competing Influences
- Patient Compliance, Forgetfulness

Competing Influences, Marketing, Authoritarian Doctrine, Contradictory Experience, Poorly Differentiated Health versus Unhealthy Skepticism

17 YEARS
Social Media Solution
Examples of Social Media:
FOAMed

Making The World A Better Place.
FOAMed
21st Century Journal Club

Dr. William Osler
Why Use FOAMed?

SIGNAL

BACKGROUND NOISE
The Skeptics’ Guide to EM

SGEM Global Spanish
Awareness
Criticism of FOAMed
Weakens the Mind
Anyone Can Write A Blog

Johann Gutenburg
and the Amazing Printing Press

Bruce Koscielniak
Wasting Time in Internet Cafes
Godfather of FOAM

#FOAMed

AN OFFER YOU CAN'T REFUSE
KT in the Digital Age

BEEP! BEEP!
KT USING FOAMED
Further Reading

- **Five Strategies to Effectively Use Online Resources in Emergency Medicine**
  - Brent Thoma, MD, MA, Nikita Joshi, MD, N. Seth Trueger, MD, Teresa M. Chan, MD, Michelle Lin, MD

- **Thou shalt not tweet unprofessionally: an appreciative inquiry into the professional use of social media**
  - Ian Pereira, Anne Marie Cunningham, Katherine Moreau, Jonathan Sherbino, Alireza Jalali

- **Emergency Medicine and Critical Care Blogs and Podcasts: Establishing an International Consensus on Quality**
  - Brent Thoma, MD, MA, Teresa M. Chan, MD, BE, Quinten S. Paterson, Kenneth Milne, MD, Jason L. Sanders, Michelle Lin, MD
Digital Age Addresses
the KT Problem

SKEPTICAL

EVEN OF THE SGEM?
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Making The World A Better Place.