





UNIVERSITY OF
CALGARY

FOAM: Consolidation, Integration and The Future

Chris Bond MD, CCFP-EM

- Financial:
- None
- Non-financial:
- Active FOAM blogger at SOCMOB.org
- Supported of FOAMed
- Social media director at University of Calgary

- Keeping up with FOAM
- Quality
- Integration/FOAM Curriculum

What is FOAMed?

Collage credit: Anton Hellman

FREE

OPEN ACCESS

MEDICAL EDUCATION



A Survey of the Current Utilization of Asynchronous Education Among Emergency Medicine Residents in the United States

Mike Mallin, MD, Sarah Schlein, MD, Shaneen Doctor, MD, Susan Stroud, MD, Matthew Dawson, MD, and Megan Fix, MD

70%
felt podcasts helpful

vs

54%
felt textbooks helpful

A Survey of the Current Utilization of Asynchronous Education Among Emergency Medicine Residents in the United States

Mike Mallin, MD, Sarah Schlein, MD, Shaneen Doctor, MD, Susan Stroud, MD, Matthew Dawson, MD, and Megan Fix, MD

70% vs 36%

felt podcasts helpful felt journals useful

$p < 0.001$

Increased Usage

Statistics from Purdy et al., The use of free online educational resources by Canadian emergency medicine residents and program directors. CJEM, March 2015



90% Residents use podcasts each month



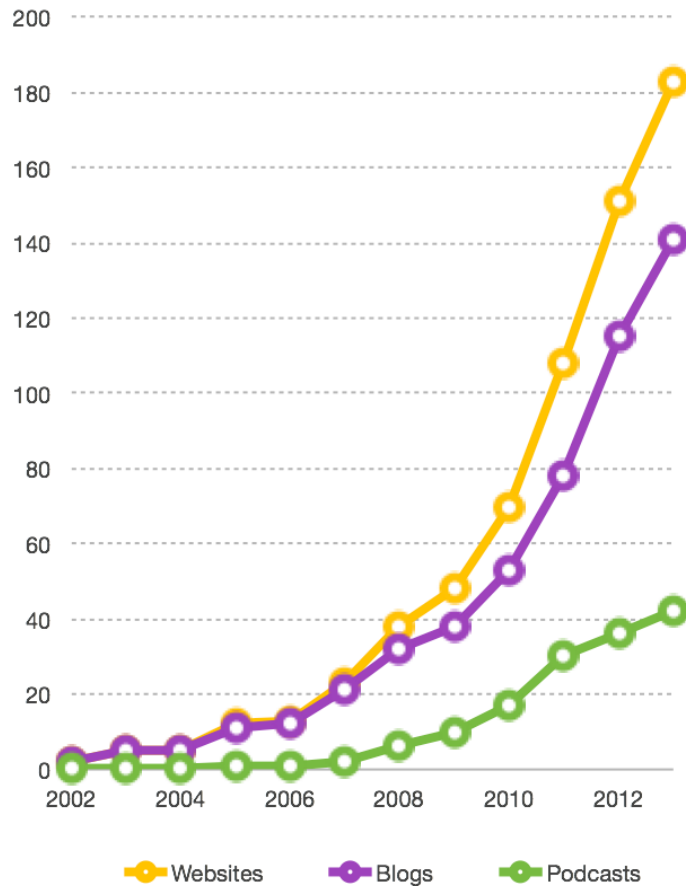
86% Residents use medical blogs each month



71% Residents use vodcasts each month

Cadogan et al. 2014, EMJ

Number of active emergency medicine and critical care (EMCC) websites, blogs and podcasts by year.



140 blogs
40 podcasts



cataddictsanonymous mouse

crazy

cat

lady

color

coded

kitteh

organizer





The very best of Global #FOAMed
Emergency Medicine and Critical Care Education

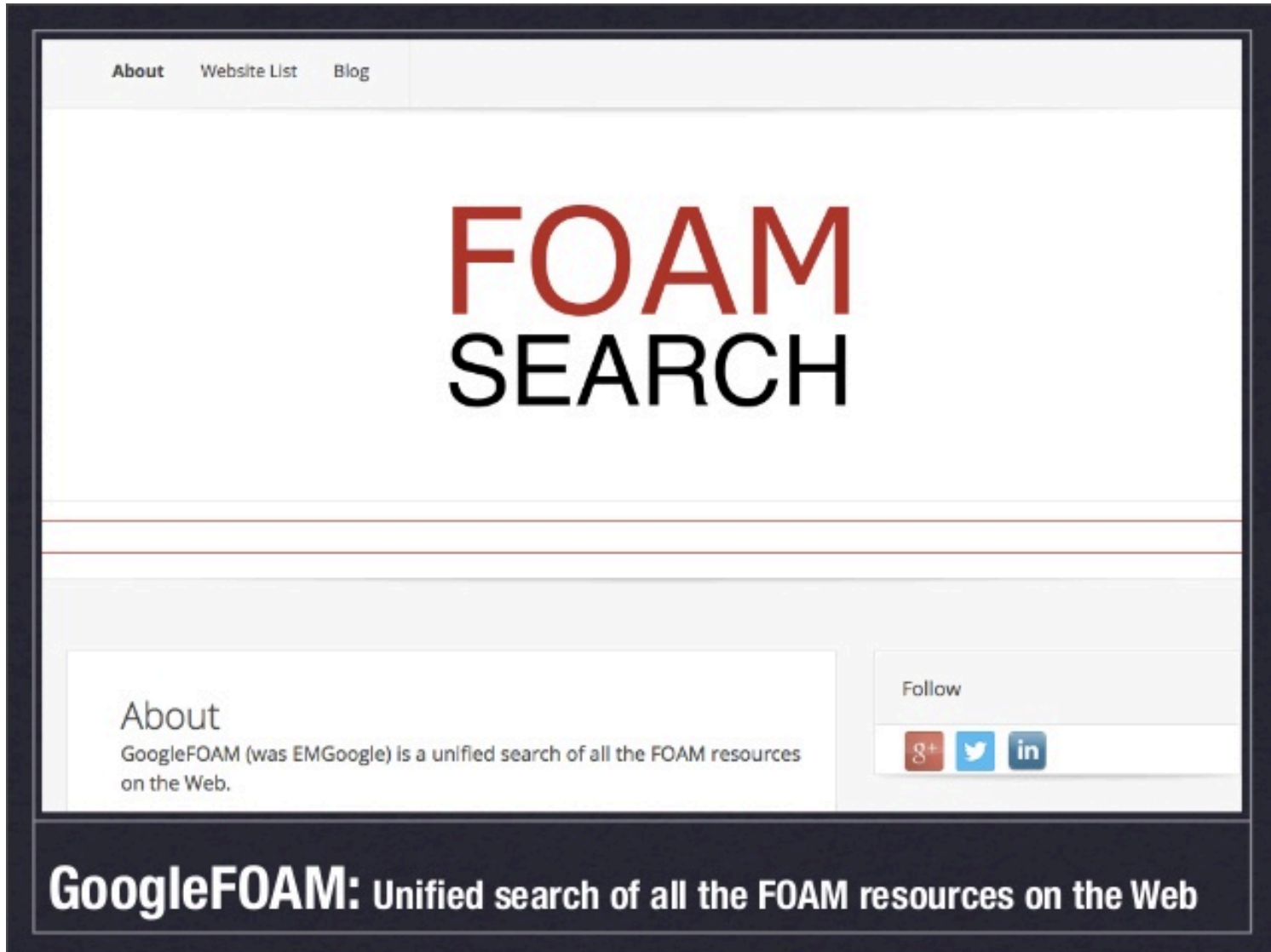


ALiEM
Academic Life in
Emergency Medicine



PEMgeek





The screenshot shows a web browser window displaying the GoogleFOAM website. At the top, there is a navigation bar with links for "About", "Website List", and "Blog". The main content area features the text "FOAM SEARCH" in large, bold, red and black letters. Below this, there is a section titled "About" with the text: "GoogleFOAM (was EMGoogle) is a unified search of all the FOAM resources on the Web." To the right of the "About" section, there is a "Follow" section with social media icons for Google+, Twitter, and LinkedIn. At the bottom of the page, there is a dark blue banner with the text: "GoogleFOAM: Unified search of all the FOAM resources on the Web".

About Website List Blog

FOAM SEARCH

About

GoogleFOAM (was EMGoogle) is a unified search of all the FOAM resources on the Web.

Follow

g+ t in

GoogleFOAM: Unified search of all the FOAM resources on the Web





Whither Quality Control?

Presently, quality is in the eye of the beholder. However, three key populations can help to change this.

Learners



Teachers



Producers



#FOAMed Quality

Learners



The most vulnerable group.

Lack expertise to situate the materials.

Online role models can help them to learn and become members of a community of practice

#FOAMed Quality

Teachers



Able to guide learners to appropriate resources.

An online teaching community does this via various methods.

Every community of practice needs experts. Get online to help!



#FOAMed Quality

Producers




Lead innovations in quality improvement.

Must be leaders in educational scholarship to continually learn and improve.

The dawn of #FOAMed scholarship is here...

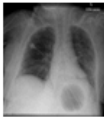



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[controversial](#)
[top](#)
[gilded](#)
[promoted](#)

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1


↑
2
↓



Massive Upper GI Bleed (emsimcases.com)
submitted 4 hours ago by rhizomaticaxyz [Educator](#)
[comment](#) [share](#)

2


↑
↓



Critical Care Books I Recommend – May 2015 (emcrit.org)
submitted an hour ago by rhizomaticaxyz [Educator](#)
[comment](#) [share](#)

3


↑
↓



Trauma The Soft Cervical Collar (regionstraumapro.com)
submitted 2 hours ago by rhizomaticaxyz [Educator](#)
[comment](#) [share](#)

4


↑
↓



Simulation EMSIMcases.com: A free, peer-review simulation case data bank (icenetblog.royalcollege.ca)
submitted 2 hours ago by rhizomaticaxyz [Educator](#)
[comment](#) [share](#)

5


↑
1
↓



Emergency EM Mindset: Matt Dawson – The Ideal EM Mindset (emdocs.net)
submitted 4 hours ago by rhizomaticaxyz [Educator](#)
[comment](#) [share](#)

6

↑
2
↓



Emergency Sneak peak at ALiEMU: Free on-demand MOOC-like courses featuring the AIR Series (allem.com)
submitted 6 hours ago by rhizomaticaxyz [Educator](#)
[comment](#) [share](#)

7

↑
2
↓

Diagnosis Lab Case 59 (emergucate.com)
submitted 7 hours ago by rhizomaticaxyz [Educator](#)
[comment](#) [share](#)

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~2 here now

FOAMed is a community of health professionals and students sharing free, open-access medical education. To see more specialised links and filter posts by topic use the buttons below.

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[Surgery](#)
[Obs & Gyn](#)
[Paediatrics](#)
[Medicine](#)
[Psychiatry](#)



Basics of Cardiogenic Shock - rebelem

 bazan (#1) 1 day 19 hours ago  Critical Care Cardiology  <http://rebelem.com>  Learner Level: Basics

An overview of the basic causes and management of cardiogenic shock.

 Discuss



Tricks of the Trade for Converting Supraventricular Tachycardia - hippoem

 bazan (#1) 73 days ago  Narrow Complex Regular Tachycardias  <http://blog.hippoem.com>  Learner Level: All

Dr. Michelle Lin, of the ALiEM blog, brought her famous "Tricks of the Trade" to the 2014 EEM stage with great tips for Converting Supraventricular Tachycardia.

 Discuss



Hypertensive Emergency Treatment - emin5

 bazan (#1) 5 days ago  Hypertension  <http://emin5.com>  Learner Level: Basics

Basic of the approach to hypertensive emergency in the emergency department.

 Discuss



Case Based Review of US for AAA - aliem

 bazan (#1) 5 days ago  Abdominal Ultrasound Abdominal Aortic Aneurysm  <http://www.aliem.com>  Learner Level: All

A case of a 101M with Altered Mental Status who ultimately is diagnosed with an abdominal aortic aneurysm on ultrasound.

 Discuss

Search..

Go




What is foambase?

Foambase is a place to find, share, comment on the best Emergency Medicine FOAM (Free Open Access Medical education).

Please read our [Disclaimer](#)

Tweets

 Casey Parker @broomedocs 4m
Agree @srrezaie never do a single ABG. If sick enough they get an Art line. Vbg for estimate of CO2. #FOAMed will have to add to R&R list

 Salim R. Rezaie @srrezaie 25m





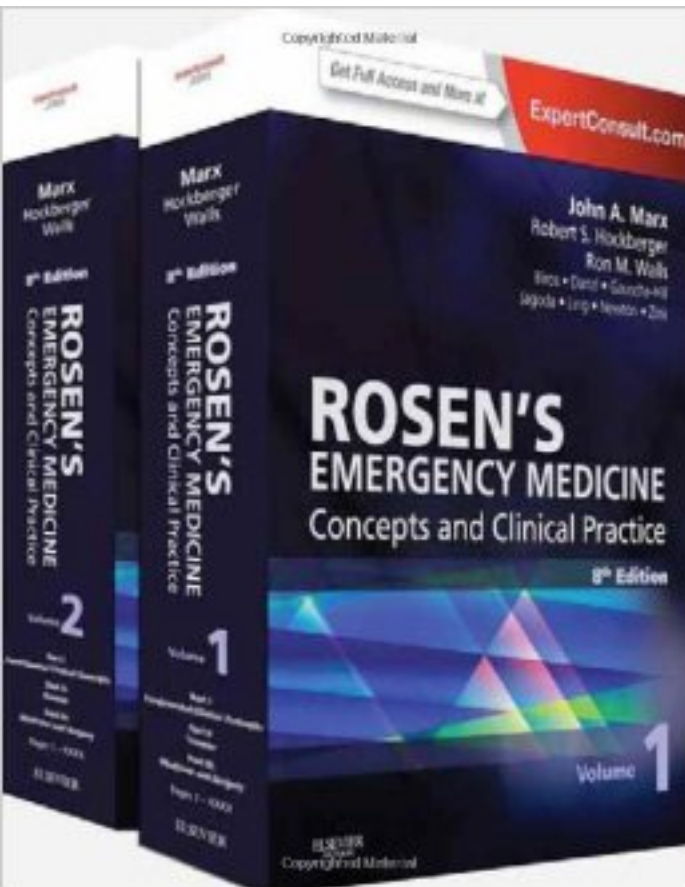
THE INTERNET

A series of tubes.



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+

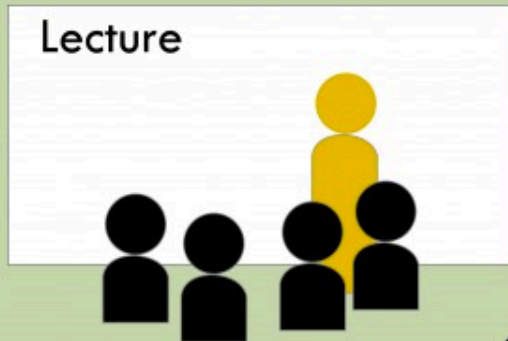
Click the + below to expand sub-chapters.

- 1 – + [Critical Care](#)
- 2 – + [Cardiology](#)
- 3 – + [Pulmonary](#)
- 4 – + [Gastrointestinal](#)
- 5 – + [Renal and Genitourinary](#)
- 6 – + [Neurology](#)
- 7 – + [Obstetrics Gynecology](#)
- 8 – + [Musculoskeletal Disorders](#)
- 9 – + [Ears, Nose, Throat](#)
- 10 – + [Trauma](#)
- 11 – + [Procedures](#)
- 12 – + [Ultrasound](#)
- 13 – ○ [Analgesia](#)
- 14 – + [Toxicology](#)
- 15 – + [Pediatrics](#)
- 16 – + [Infectious Diseases](#)
- 17 – + [Endocrine](#)
- 18 – + [Vascular](#)
- 19 – + [Hematology Oncology](#)
- 20 – + [Ophthalmology](#)
- 21 – + [Dermatology](#)



FlippedEM classroom workshop

TRADITIONAL



FLIPPED





Penn EM Residency @UPennEM · Mar 26

Interesting discussion on calf vein and superficial (saphenous) DVT. When are folks starting anticoagulation? Proximal only? @klinelab

Expand

↩ Reply 🗑 Delete ★ Favorite 📶 Buffer ... More



jeffrey kline @klinelab · 20h

@UPennEM calf, saphenous and brachial v. clots we usually do one month anticoag and re-ultrasound and stop if clot gone. And it always is.

from Carmel, IN

↩ Reply ↻ Retweet ★ Favorited 📶 Buffer ... More



Penn EM Residency @UPennEM · 1h

@klinelab thanks for the reply! Very helpful.

💬 Hide conversation

↩ Reply 🗑 Delete ★ Favorite 📶 Buffer ... More



Tammy Baillie @QuirkyMD · Oct 6

@EMO_Daddy In my ED, we unfortunately don't have access to NOACs. How soon should my patients follow up after starting Warfarin?



Ian Stiell @EMO_Daddy · Oct 7

. @TammyBaillie Warfarin is fine [cheaper] but we must arrange INR monitoring within 3 days. For NOACs [expensive] no monitoring is required

7:08 AM - 7 Oct 2014 · Details



[Hide conversation](#)



Approved Instructional Resources Project

- 1. Educator-endorsed listing**
- 2. Subject Material-based**
- 3. Psychometric evaluation (reliability, validity) of scoring system. (Ongoing Project)**



Welcome to ALiEM U

The free peer reviewed e-learning series by the team at ALiEM.

[Register](#)

[Log In](#)



FOAM

- Special thanks to:
- Teresa Chan
- Ken Milne



- FOAM continues its explosive growth
- Focus may now be consolidation/curation of FOAM
- Consider integrating FOAM into your curriculum