

Tweet all about it?

How to improve your learning and teaching through social media (SoMe)

Caroline Shrubsole

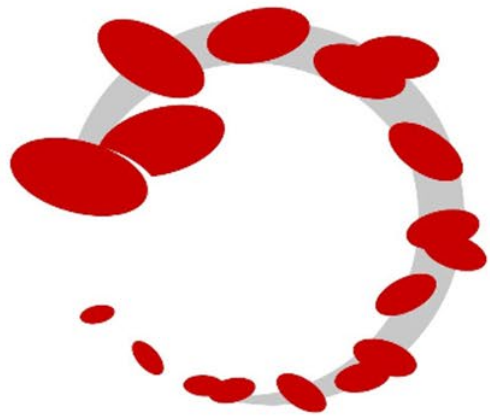
Haematology Specialist Training Doctor

Newcastle upon Tyne

Getting to know you...

- Backgrounds?
- Learners?
- Teachers?
- Social media lovers?
- Social media haters?
- Smartphone?
- Wrong room?





TEAM HAEM

EXPLORE HAEMATOLOGY



Laura
Dunning



Rachel
Evans



Emily
Graves



Andrew
McGregor



Kate
Musgrave



Nikki
Redding



Wing
Roberts



Caroline
Shrubsole



Jennifer
Young



What do we mean by Social Media (SoMe)?

- Includes websites and applications that allow users to create content for other users
 - Facebook
 - Twitter
 - LinkedIn
 - YouTube
 - Instagram
 - Wikis
 - Blogs
 - Podcasts

Why is it
relevant to
talk about
SoMe in an
education
session?

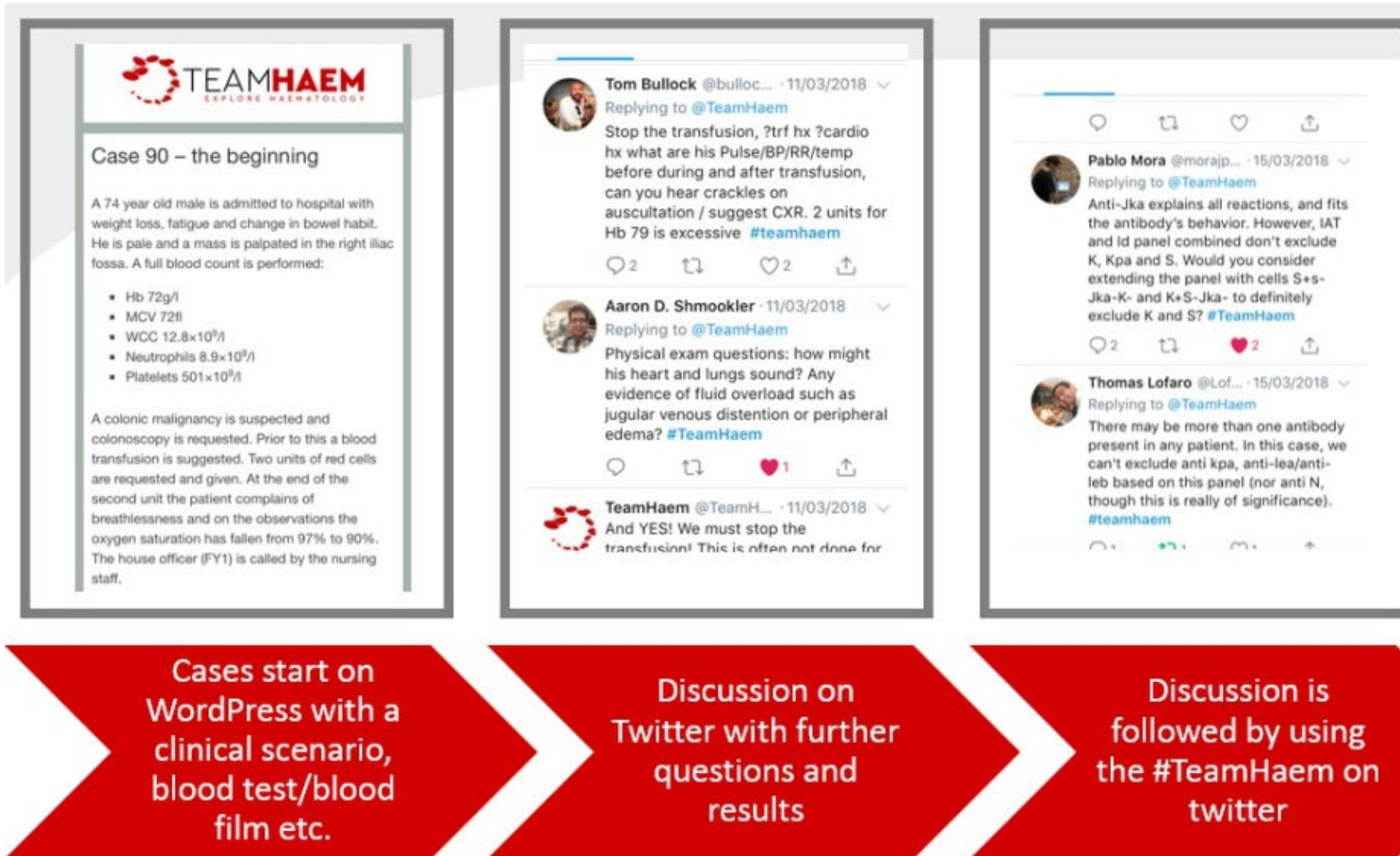
It's everywhere

Educational theory supports its
use

Practical research shows it
improves learning

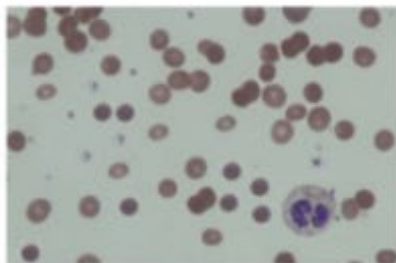
There is probably something out
there of interest to you...

OK then, show me...



Case 90 – update 3

Our patient is one week post two units of blood and his haemoglobin is back to baseline and has hyperbilirubinaemia. LDH is elevated and haptoglobins are absent. Blood film shows spherocytes.



Here is the antibody screen



TeamHaem @TeamH... · 12/03/2018

Case update: teamhaem.com/blog/
CXR back. Our patient needs a diagnosis! He has bibasal crackles and a raised JVP. How are you going to manage this problem? #TeamHaem



3 2



TeamHaem @TeamH... · 12/03/2018

Lots of calls - 'could this be TRALI?' but no cases in UK in 2016
#TeamHaem

Tom Bullock @bullock_tom



TeamHaem @TeamH... · 11/03/2018

Was in a car accident 20 years ago and possibly had a transfusion then. No rash or swelling. #TeamHaem

Aaron D. Shmookler @AShmoo...

Replying to @TeamHaem

Provide O2. Any history of previous transfusions and reactions to them? Any significant cardiovascular history? Any allergic Sx (urticaria/hives/angio...

1 1



Aaron D. Shmookler · 11/03/2018


Replying to @TeamHaem

Provide O2. Any history of previous transfusions and reactions to them? Any significant cardiovascular history? Any allergic Sx (urticaria/hives/angioedema)? Vitals before transfusion and after YOU STOP THE

Updates are
given over a
week-long
period


We post
relevant photos

We encourage
our followers to
get involved



TeamHaem @TeamH... · 13/03/2018


Not usually. It can make the patient worse as patients aren't generally 'overloaded'. Can we test for TRALI? #TeamHaem




Nuno Borges @nborges89

Replying to @TeamHaem

TRALI wouldn't respond to diuretics? #TeamHaem



TeamHaem @TeamH... · 13/03/2018



TEAMHAEM
EXPLORE HAEMATOLOGY

Case 90 – summary

We started with a 74 year old gentleman who was admitted with weight loss, fatigue and change in bowel habit. A mass in the right iliac fossa was palpated and a colonic malignancy was suspected. He had thrombocytosis with microcytic indices and Hb 74g/l consistent with iron deficiency. This was confirmed with a ferritin of 7µg/l. The management of iron deficiency consists of:

1. Finding and correcting the cause
2. Replacing iron

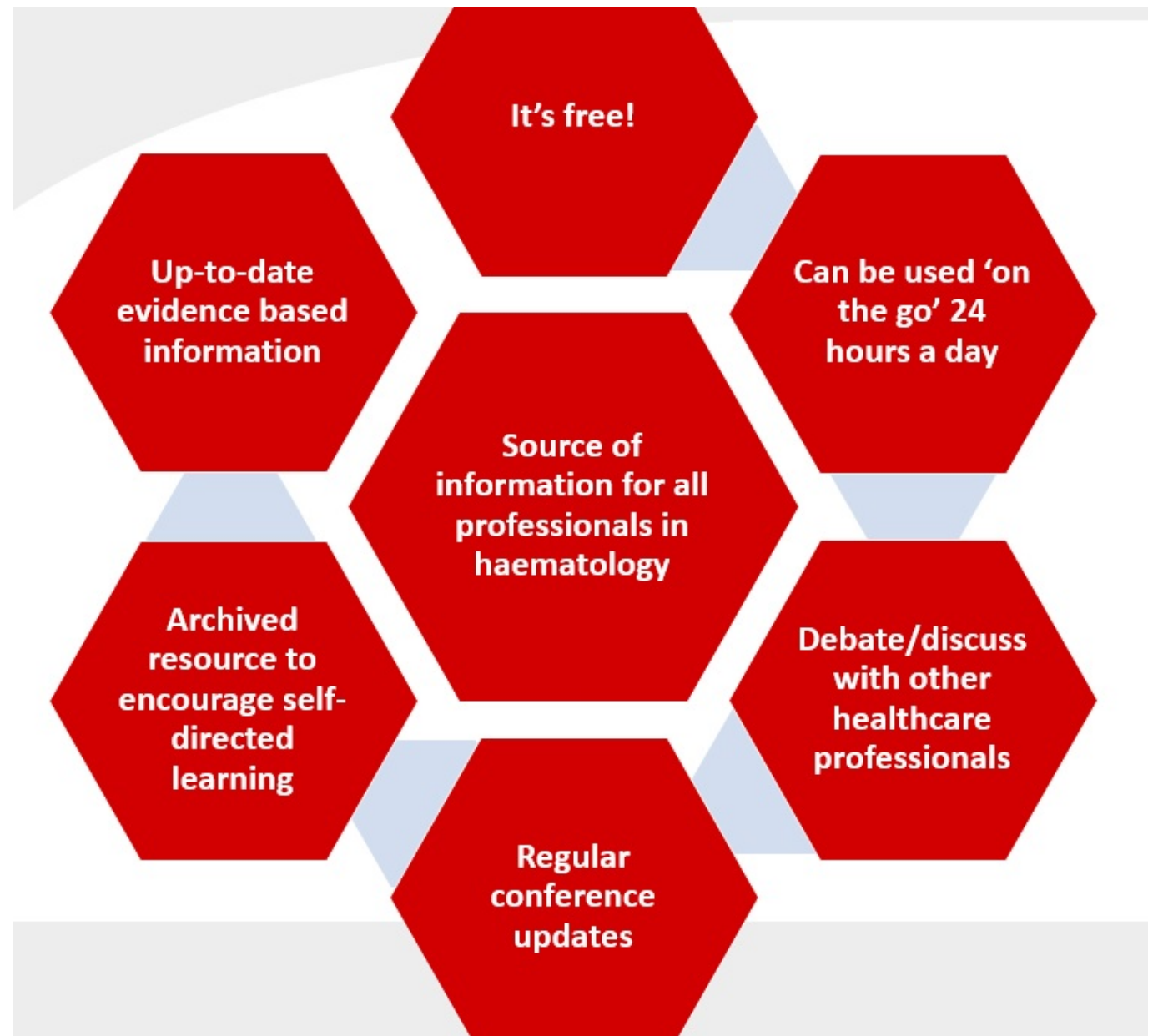
A colonoscopy was organised and therefore it was suggested that iron was replaced. This can be done in a number of ways:

- Modification of diet – this is unlikely to

- Case 74: Coagulation screens
- Case 75: Plasma cell leukaemia
- Case 76: Severe haemophilia A
- Case 77: Myelodysplasia
- Case 78: T large granulocytic leukaemia
- Case 79: Hereditary haemorrhagic telangiectasia
- Case 80: Hairy cell leukaemia
- Case 81: ITP
- Case 82: Antiphospholipid syndrome
- Case 83: Haemophilia in pregnancy
- Case 84: Gaucher's disease
- Case 85: Myeloma and plasma viscosity
- Case 86: short red cell cases
 - Part A – haemoglobin E disease
 - Part B – cold red cell agglutination
 - Part C – red cell fragmentation
- Case 87: VTE in pregnancy
- Case 88: Morphology week
- Case 89: Myelofibrosis
- Case 90: TACO and delayed haemolytic transfusion reaction
- Case 91: Monoclonal gammopathy of uncertain significance



Why we think it works...





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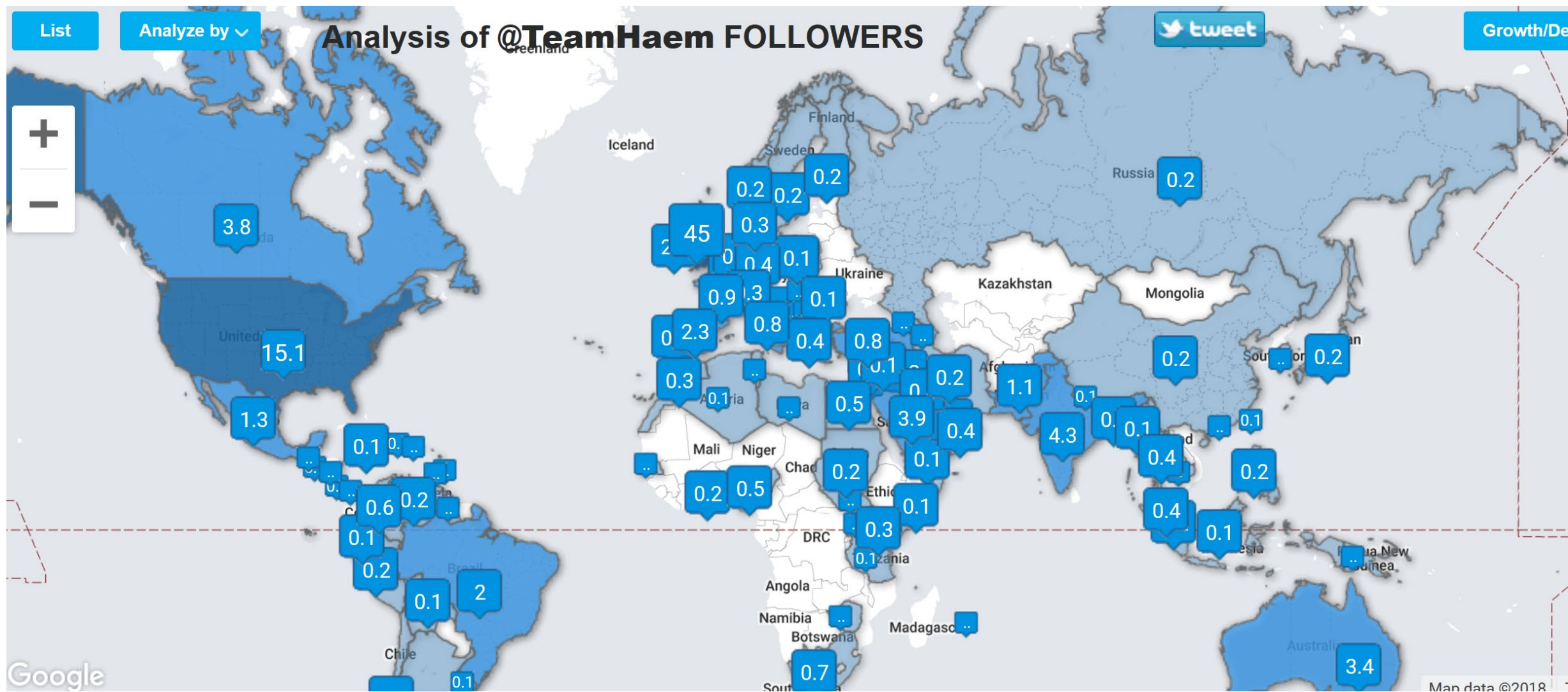
Educational theory supports its
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Practical research shows it
improves learning

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It's everywhere...

@TeamHaem have over 4500 followers from Newcastle upon Tyne to Papua New Guinea!





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If Knowles and Vygotsky
had smartphones...



Principles of adult learning

Needs to be relevant

Needs to be immediate

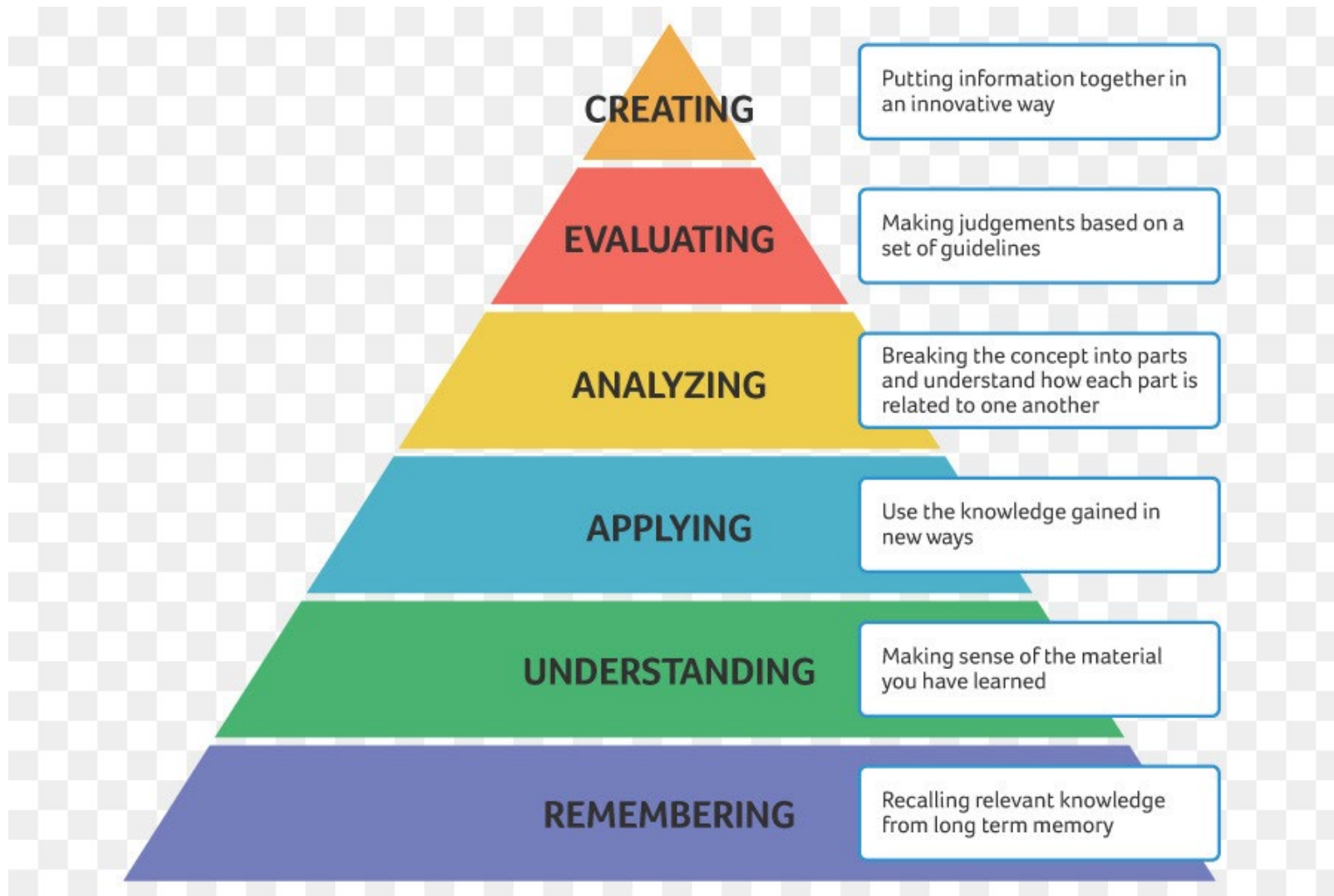
Needs to be engaging

Needs to build on what is already known

Is best when it is collaborative

Is best when it is active

Revised Blooms Taxonomy (2001)





The theory
maps to the
method...

- Active interactions
- Collaborative creations
- Dissemination of information
- New learning
- #FOAMed



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Educational studies show...

- In undergraduates it improves engagement and educational performance (Arquero & Romero-Frias, 2013)
- SoMe facilitate connections between formal and informal learning (Dabbagh & Kitsantas, 2012)
- SoMe can also provide a platform for the educationally important incidental learning (Cain & Policastri, 2011)

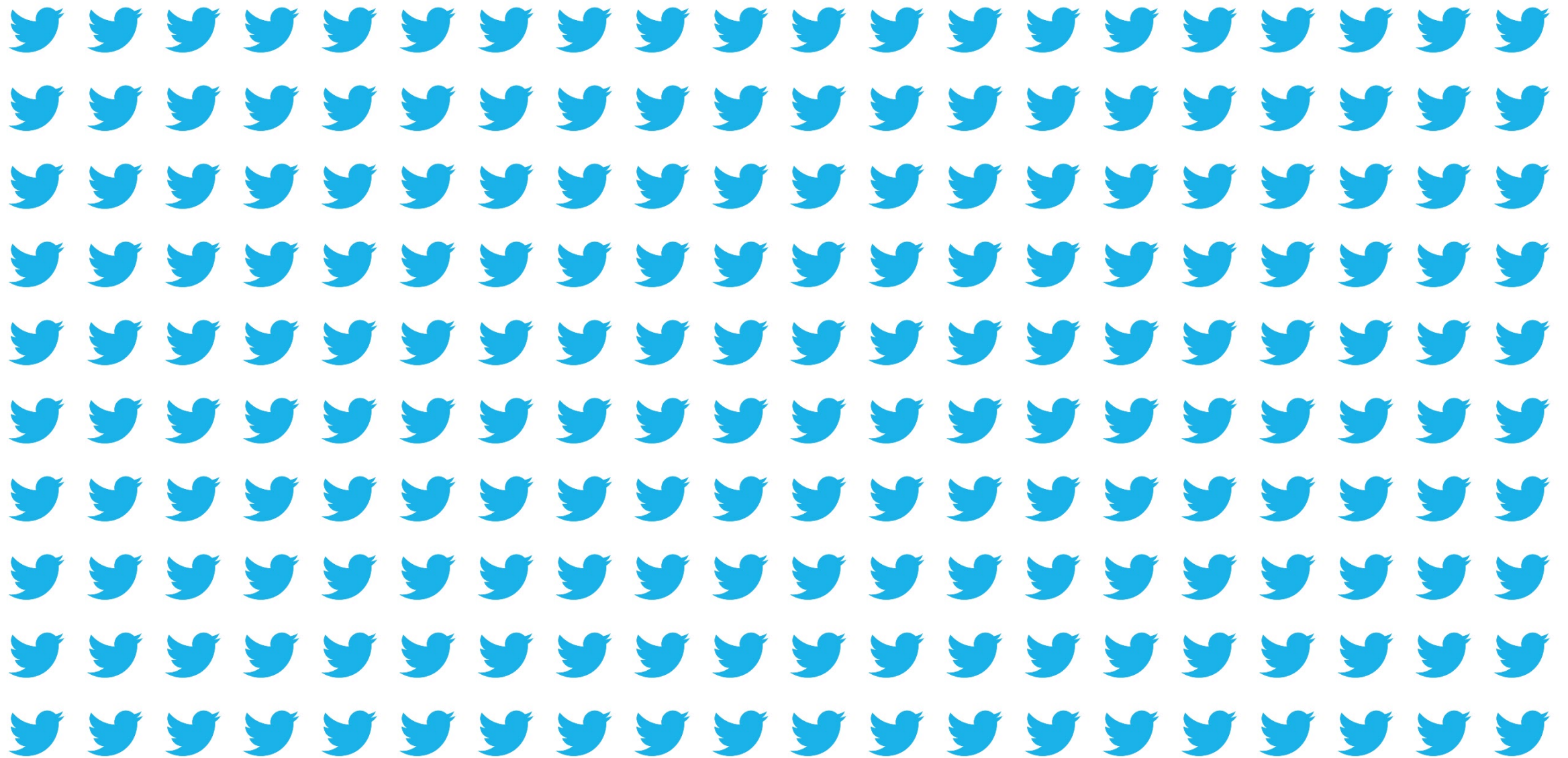
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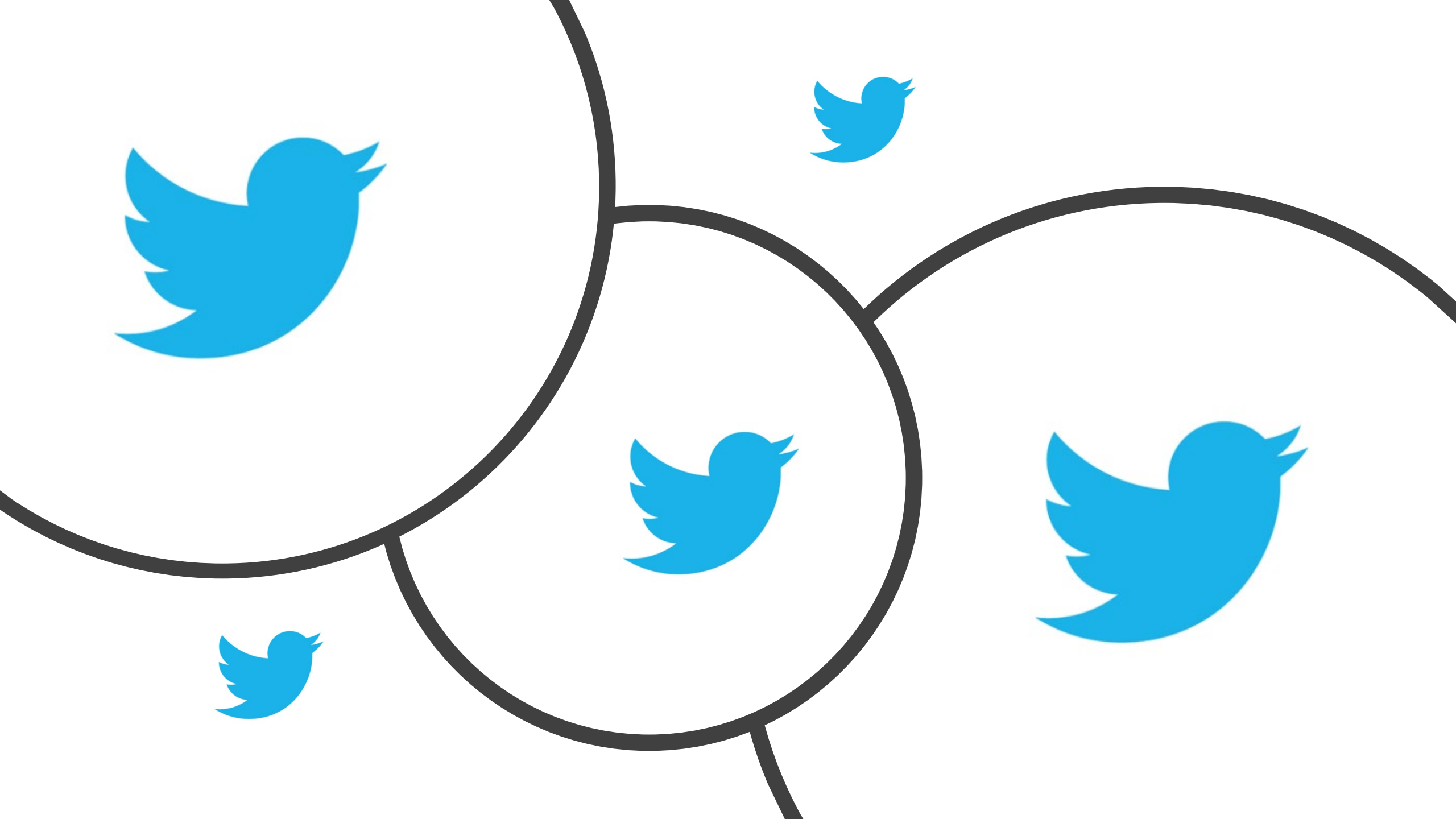
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~ 500 million tweets are sent per day



Transfusion on Twitter

- @transfusion WM
- @haemovigilante
- @hermelindaniela
- @Bloodladytweets
- @jollymusicians
- @gailmiflin
- @shothv1
- @bloodbankguy
- @BBTS
- @NHSBT



Dr Suzy M_rt_n

@TransfusionWM

Transfusion-related education from the West Midlands, aimed at haem SpRs. Debate encouraged. Cases are hypothetical. Opinions are my own.

#FOAMed

📍 Birmingham, UK

📅 Joined November 2015



Dr Gail Miflin

@gailmiflin

Medical and Research Director NHS Blood & Transplant. Haematologist. All views my own

📍 London

🔗 blogs.nhsbt.nhs.uk

📅 Joined January 2015



Joe Chaffin, MD

@bloodbankguy

Pathologist and teacher of the essentials of blood banking & transfusion medicine. Host, BBGuy Essentials Podcast. [About.me /joechaffin](#) Pics by [@ericakhsu](#)

📍 California, USA

🔗 bbguy.org

📅 Joined August 2009

What can I do?

- Join in!
- Follow someone new
- Create a new group
- Share an article
- Start a discussion
- Listen to a podcast
- Write a blog
- Tweet all about it...



Thank you

- Robina Qureshi
- BBTS
- @TeamHaem



References/further reading

Follow us:



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@TeamHaem



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- Cain, J., & Policastri, A. (2011). Using Facebook as an Informal Learning Environment. *American Journal of Pharmaceutical Education*, 75(10), 207
- Dabbagh, N., & Kitsantas, A. (2012). Personal Learning Environments, social media, and self-regulated learning: A natural formula for connecting formal and informal learning. *The Internet and Higher Education*, 15(1), 3-8