The Case for Use of Social Media in Pathology



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DISCLOSURE

No relevant financial relationship or any conflicts of interest.



What is Social Media?



Follow

If only Bradley's arm was longer. Best photo ever. #oscars

3. Selena Gomez's kidney transplant donor

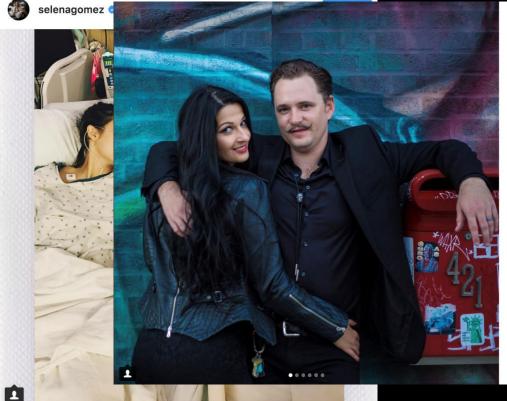


7:06 PM - 2 Mar 2014

3,381,252 Retweets 2,378,7

221k

3.4N





doctor.silvi

doctor.silvi We are #engaged!!! Love you #fiance! @dubwell #engagement #couplephotos #toomushyforyou #bklove #bushwick #photoshoot #brooklyn #newyorkcity

maryemdee Congrats!

pollisad Congratulations!!!!!!!

mdmac00 Congratulations!!!!*

marija_pavlovska So srekja Silvi , samo ubavi raboti da ve pratat! ♥♥♥

-

50 likesOCTOBER 14, 2017

Add a comment...

View More on Instagram



10,590,107 likes







mavericklifestylecr • Follow

anuariablifactulaar nothing hoots a Costa



bronzekiosk • Follow Bronze Kiosk

bronzekiosk Throwing it back to when we had these lush honeycomb 'crunchie' muffins Our wonderful chefs make fresh and different muffins every morning! Make your Friday even better with a cup of @doubleroasters coffee and fresh housemade muffins #coffee #coffeelover #coffeeholic #coffeetime #cappuccino #sydneycafe #doubleroasters #muffins #muffinoftheday #latteart #chocolate #yummy #yum #foodporn



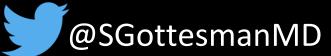


broomhousecoffeeshop and joannacubis like this

1 MINUTE AGO

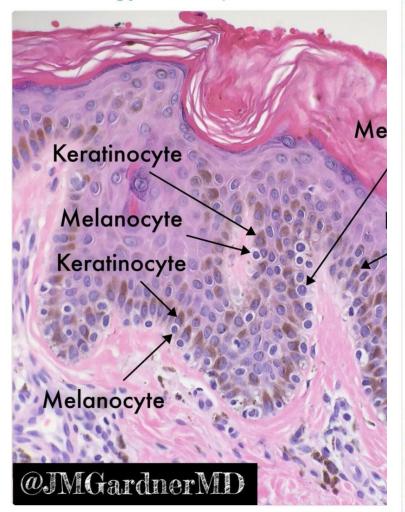
Add a comment...

Add a comment...





Lentiginous nevus. Perfect example melanocytes (grey, not pigmented keratinocytes (lots of brown mela #Pathology #dermpath #dermato





The football-shaped egg of Trichuris trichuria wants to 'touchdown' in your colon

#histology #anatomy #pathology #SuperBowl #pathArt





Following

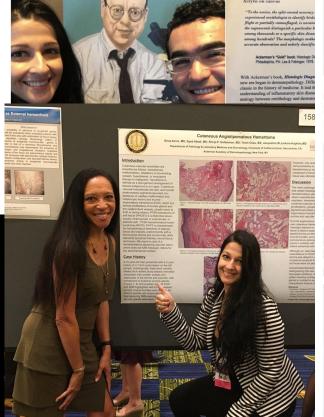
#Ackermaniacs take a selfie with Dr

Ackerman. Painted by Dr @DiegoMoralesN.

Bernie and the Golden Bi

Bonus pic: painting inspiration s

#mottirl #ASDP2017













Following

2

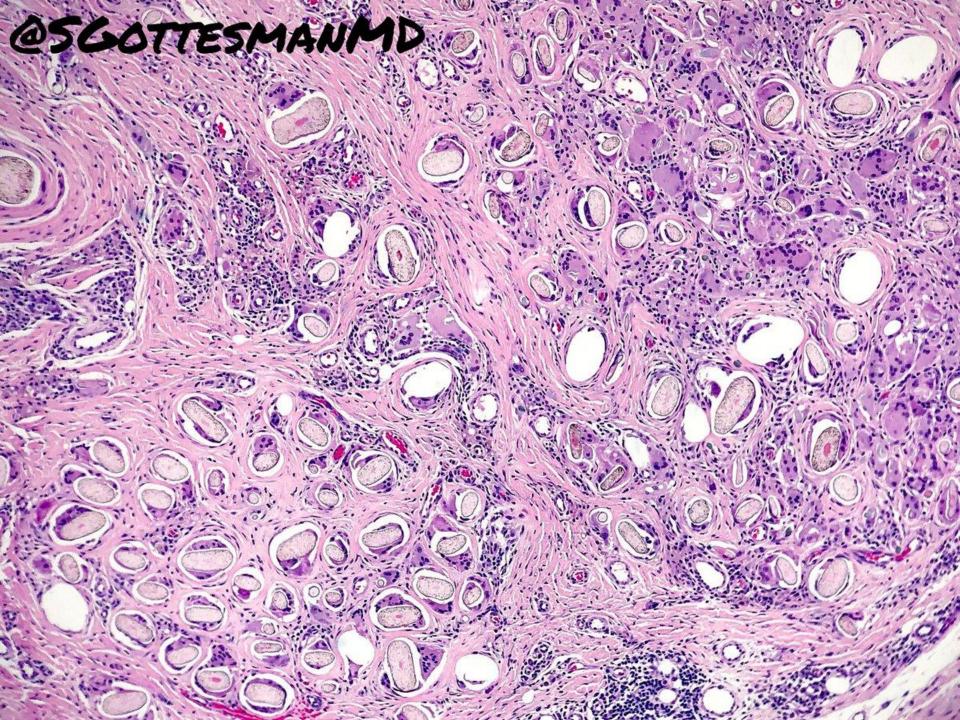
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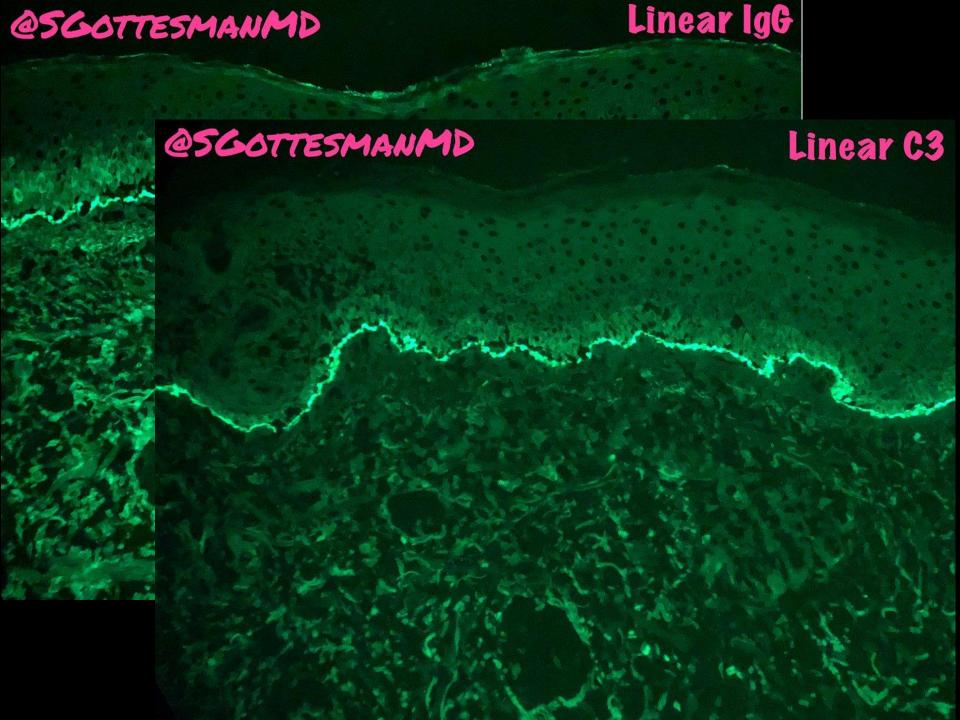




NE N G T S

How do I use Twitter?





Patient in itch crisis. Think #scabies! 400x magnification. #ASDP2017 #dermpath #dermatology #pathology





HPV, a hot topic here at the #ASDP2017. In situ hybridization for HPV subtyping in #condyloma. Example below was high risk (16,18) #pathart?

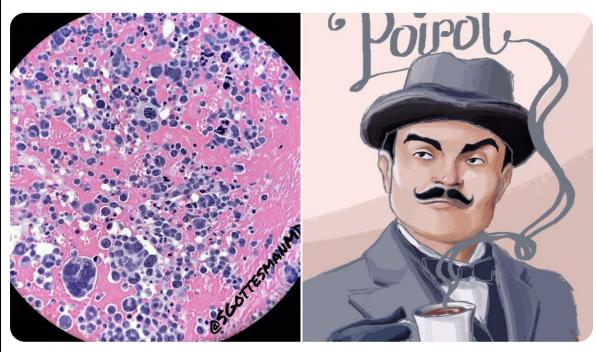


12:00 PM · Oct 27, 2017 from Baltimore, MD





Mystery case. Let's get our grey cells to work. Tweet, Retweet and/or Comment. #PoirotForever #Quiz #dermpath #dermatology #pathology More pictures will be provided later...



Kalyani Bambal and 6 others

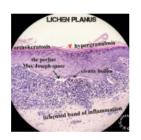
3:08 PM · Jan 1, 2018 from Brooklyn, NY

#PoirotForever

LICHEN PLANUS



Tweet Activity



Silvija Gottesman MD

@SGottesmanMD

Lichen Planus and the perfect Max-Joseph space. Numerous PAS+ civatte bodies present (apoptotic basal keratinocytes). Other features in photo below. #dermpath #dermatology #pathology #education pic.twitter.com/wxQqunc2yo



Reach a bigger audience

Get more engagements by promoting this Tweet!

Get started

Impressions	24,024
Total engagements	1,668
Media engagements	787
Likes	275
Detail expands	236
Retweets	150
Profile clicks	150
Link clicks	28
Hashtag clicks	27
Replies	15









Hashtags

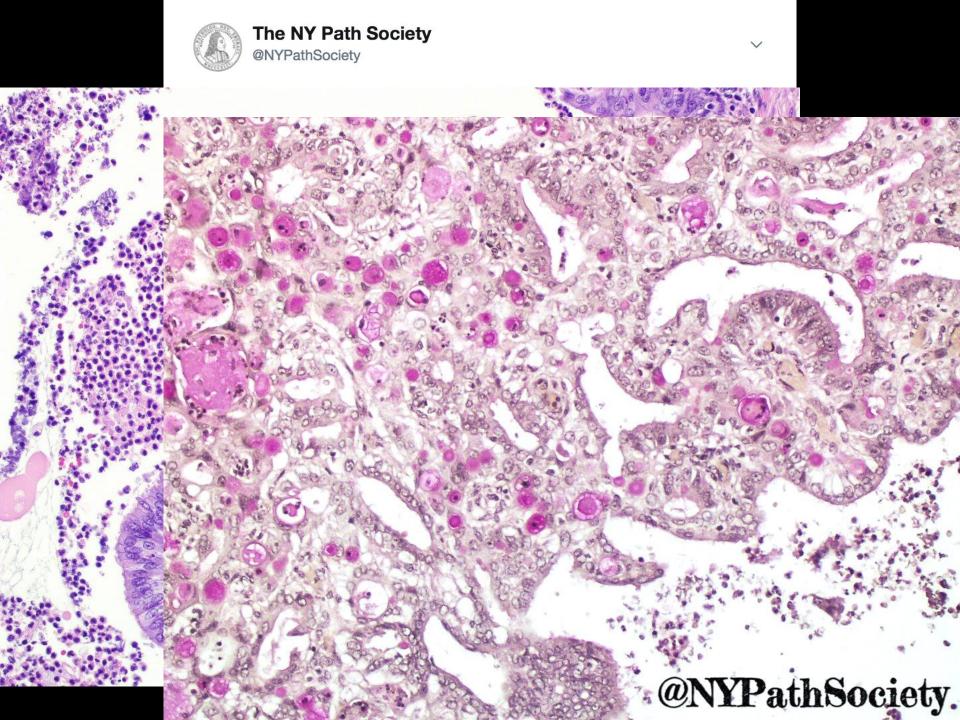
General & Miscellaneous:

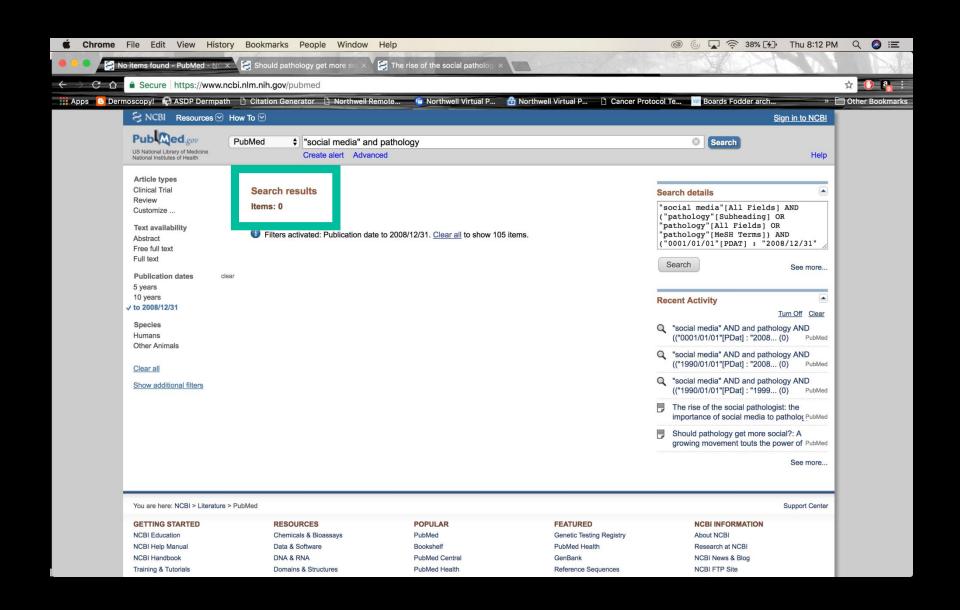
#InSituPathologists – United States and Canadian Academy of Pathology (@TheUSCAP) annual meeting live tweet group #pathology - general pathology hashtag #pathologists - general pathology hashtag #IamUSCAP - use for pathologist selfies at USCAP annual meeting #PathBoards - pearls for pathology board exam studying #PathResidents - pathology resident specific info #pathArt - artistic or aesthetically beautiful pathology images

#IHCpath
#Grossognosis
#PathBugs
#ILookLikeAPathologist

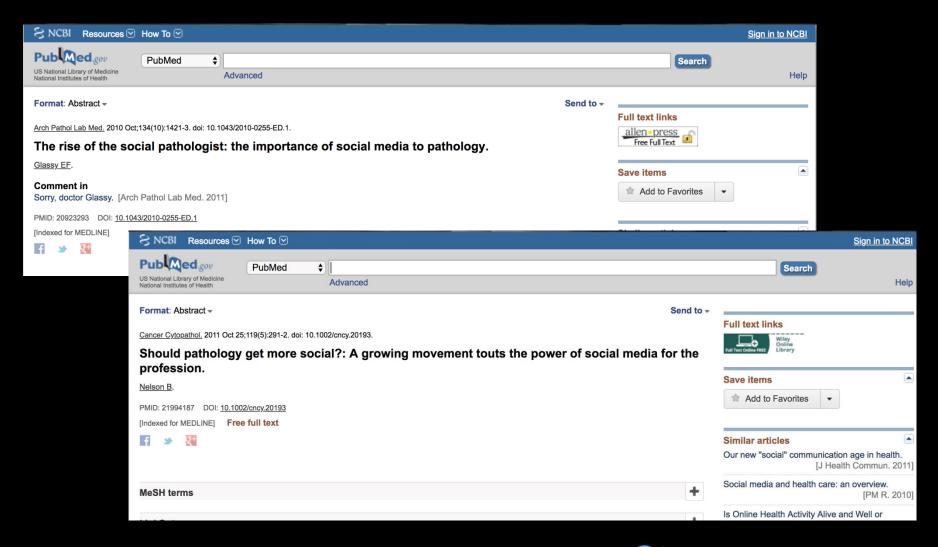
Pathology Subspecialty Specific

```
#Autopsy - autopsy pathology
#BloodBank - blood banking & transfusion medicine
#BreastPath - breast pathology
#BSTpath - bone and soft tissue pathology
#CardiacPath - cardiovascular pathology
#ClinPath - clinical pathology (general CP)
#Cytopath - cytopathology
#DermPath - dermatopathology
#EndoPath – endocrine pathology
#ENTPath - head and neck pathology
#EyePath - ophthalmic pathology
#FNApath – fine needle aspirate (FNA) cytopathology
#ForensicPath – forensic pathology & forensics
#GIPath – gastrointestinal and liver pathology
#GUPath – genitourinary pathology
#Gynpath – gynecologic pathology
#HemePath - hematopathology
#pathInformatics – pathology informatics
#MolDx - molecular pathology
#NeuroPath - neuropathology
#PedsPath - pediatric pathology
#PulmPath – pulmonary and pleural pathology
#RenalPath - renal / medical kidney pathology
#SurgPath - surgical pathology
```



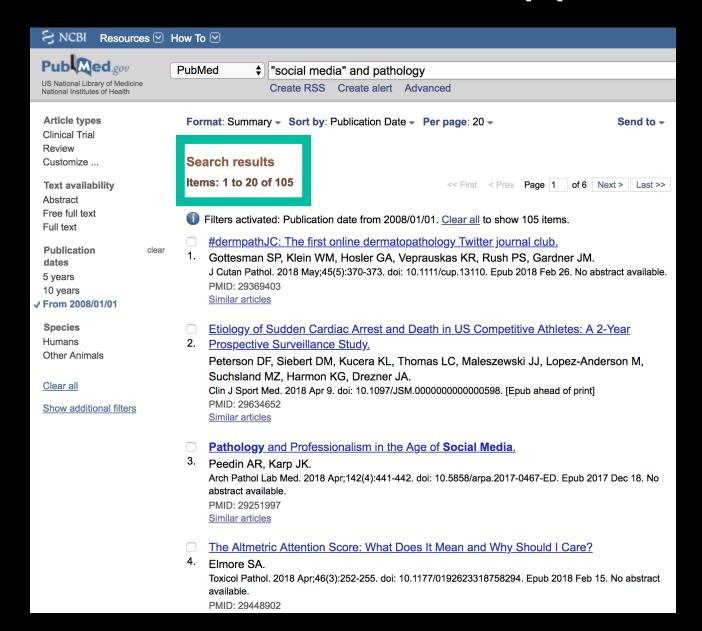


And then... it started





... and it hasn't stopped



The First Dermatopathology Twitter Journal Club



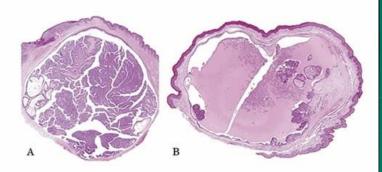
9PM EST

FOURTH THURSDAY OF EVERY MONTH



The American Journal of Dermatopathology

THE JOURNAL OF THE INTERNATIONAL SOCIETY OF DERMATOPATHOLOGY Editor-in-Chief Omar P. Sangueza, M.D.





CME NOW AVAILABLE!

www.amjdermatopathology.com

Volume 38

Number 8

August 2016

16

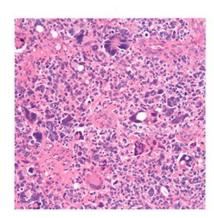
OVID

JOURNAL OF CUTANEOUS PATHOLOGY



ARCHIVES

of Pathology & Laboratory Medicine



Presence of Isocitrate Dehydrogenase Mutation in Glioblastoma Signifies Better Prognosis Compared to Other Glioblastomas

March 2017

Special Section—Contributions From Emory University School of Medicine, Part I

CHRISTOPHER R. SHEA CHICAGO, IL, USA

VOLUME 44 NO. 9 SEPTEMBER 2017

EDITOR-IN-CHIEF:

WILEY

OFFICIAL PUBLICATION OF



Save the date! #dermpathJC is on 8/24/2017, 9pm EST. Article PDF at tinyurl.com/BerEp4 Fun fact: the authors are

active twitter users!

BerEp4, Cytokeratin 14, and Cytokeratin 17 Immunohistochemical Staining Aid in Differentiation of Basaloid Squamous Cell Carcinoma From Basal Cell Carcinoma With Squamous Metaplasia

archivesofpathology.org

Katy R. Linskey, MD; Devon C. Gimbel, MD; Lawrence R. Zukerberg, MD; Lyn M. Duncan, MD; Peter M. Sadow, MD, PhD; Rosalynn M. Nazarian, MD

Context.—Basaloid squamous cell carcinoma (bSCC) is an uncommon variant of squamous cell carcinoma, which may overlap histologically with basal cell carcinoma with

squamous metaplasia (BCCm).

Objective.—To aid in the differentiation of these neoplasms using immunohistochemical staining because

neoplasms using immunohistochemical staining because of the worse prognosis associated with bSCC. Design.—Using immunohistochemical techniques, we investigated Bertp-4, cytokeratin 17 (Ck17), and cytokeratin 14 (Ck14) protein expression in 25 cases of bSCC (8 cutaneous [32%], 12 aerodigestive tract [48%], and 5 lymph node metastases [20%]) and 43 cases of BCCm (39 cutaneous [91%], and 4 metastases [9%]). An immunoreactivity score 191 (a), and 4 metastases (9 (a)). An inhunoreactivity score was assigned using the percentage of tumor cells staining and the pattern of expression. Interobserver agreement for 2 independent pathologists was assessed using a κ coefficient. Results.—The mean percentage of staining was significantly higher in BCCm, compared with bSCC (BerEp4, P=.006; CK17, P<.001; CK14, P<.001; unpaired t test), with 58% of BCCm cases (25 of 43) displaying diffuse staining for all markers, and nearly all (98%; 42 of 43) displaying diffuse staining for CK17 and CK14. In contrast, no bSCC cases (0%) displayed diffuse staining for all 3 markers, and only 8% (2 of 25) displayed diffuse staining for CK17 and

CK14. High interobserver agreement was determined.

Conclusions.—BerEp4 alone is unreliable for differentiation between BCCm and bSCC, and the addition of either CK14 or CK17 will augment the sensitivity and negative predictive value of BerEp4 staining in BCCm and bSCC diagnosis. (Arch Pathol Lab Med. 2013;137:1591-1598; doi:





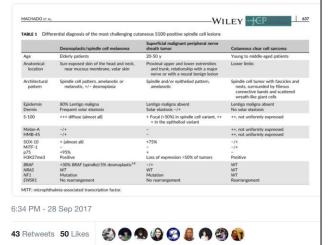


Clinicopathologic and genetic findings of desmoplastic melanoma, MPNST, and cutaneous clear cell sarcoma dermpathJ

#dermpath

17 43

♡ 50



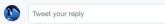


26 Retweets 26 Likes

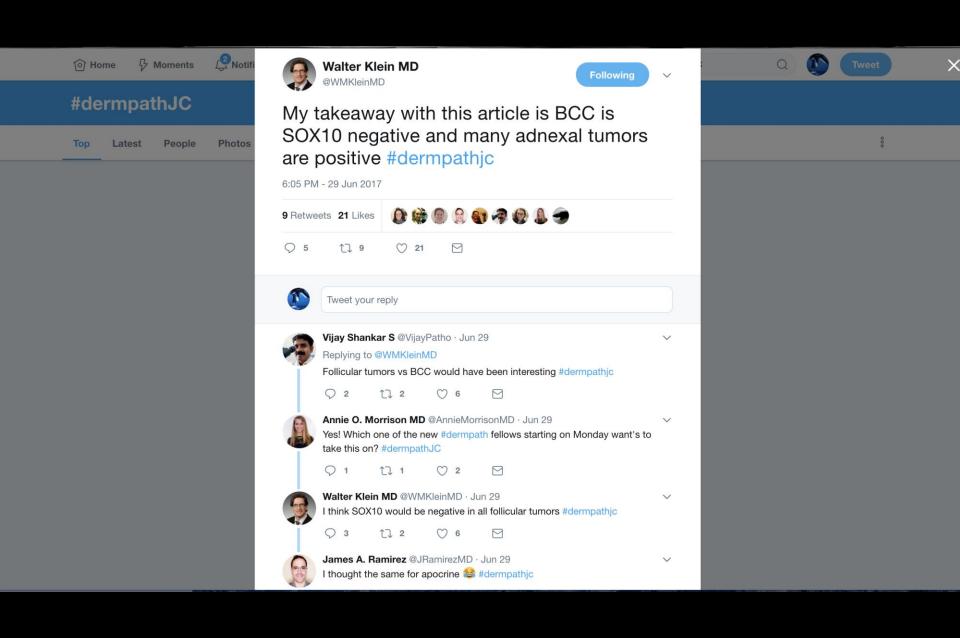
€7 26

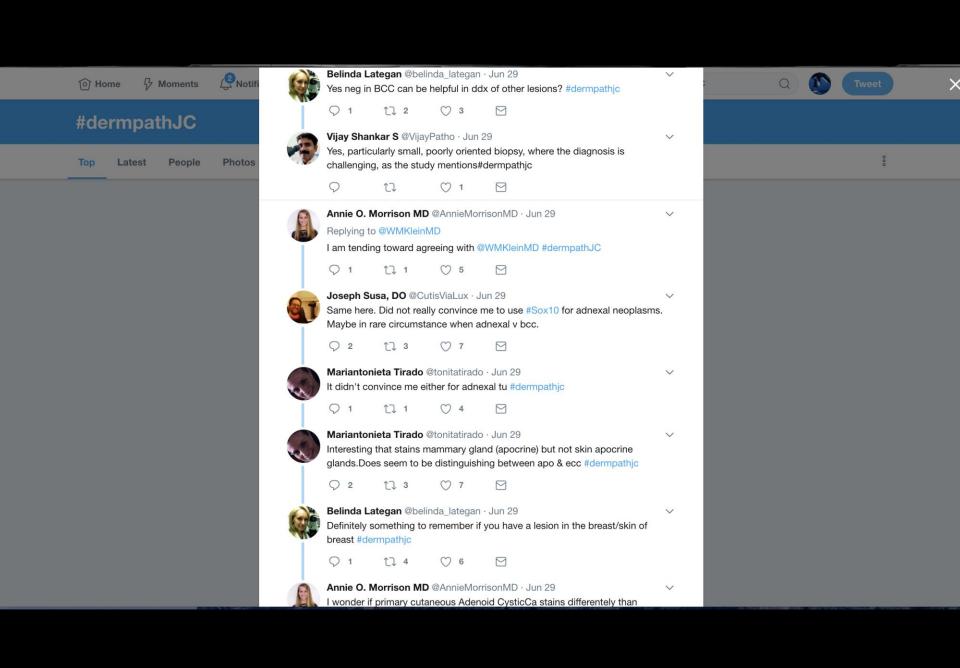
Usual staining pattern of CK10, Ki67 and p16 in pagetoid Bowen's disease. Might I say excellent images! #dermpathic

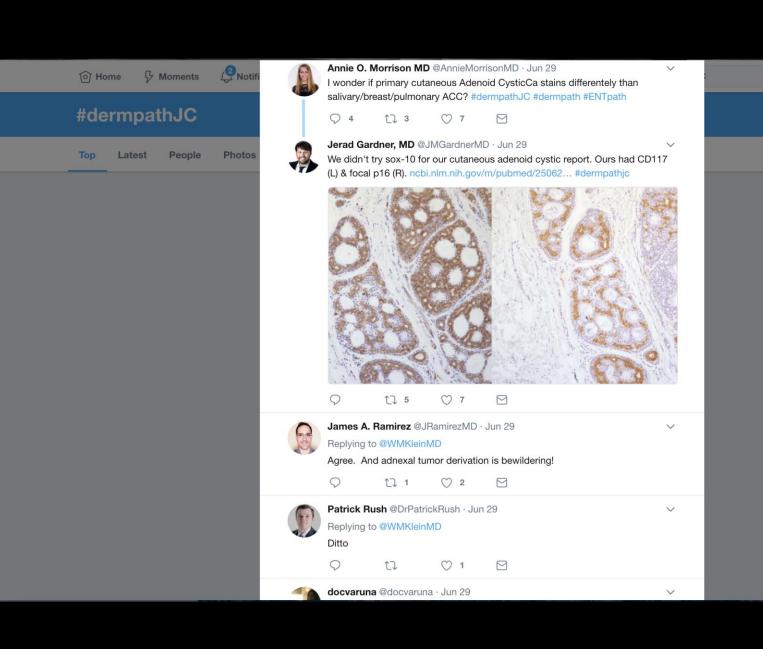




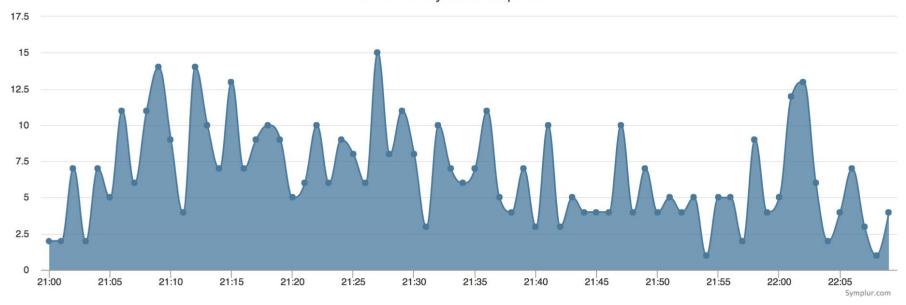
♡ 26







Tweet Activity on #dermpathJC



#dermpathJC Participants



3,891 #dermpathJC TWEETS

7.37 MILLION IMPRESSIONS

189 PARTICIPANTS





Pathology JC

@path_JC Follows you

Online Pathology Journal Club #pathJC #pathology #JournalClub

@ pathjc.wordpress.com

Joined June 2016

O Born on June 20

Tweet to

Message

2 745 Followers you know





Tweets & replies Media

Pinned Tweet



Pathology JC @path_JC · Apr 9
Join us for April #PathJC on Error Disclosure!

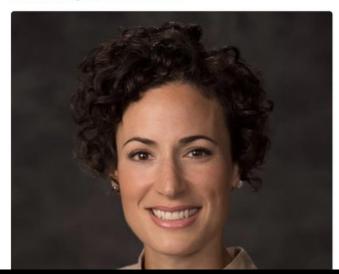
April 17: 9 pm EST

April 18: 9 pm CET (4 pm EST)

Moderated by @yaelheher @Sara_Jiang

THANK YOU to Advances in Anatomic Pathology EIC @MahulAmin and @WKHealth for supporting open access to the article:

ncbi.nlm.nih.gov/pubmed/29356714



















Tweet



The NY Path Society

@NYPathSociety

The official Twitter account of the New York Pathological Society. #NYPathSoc #NYPathQuiz #pathology #pathologists #pathboards #IHCpath

- New York, NY
- S nypathsociety.org
- Joined October 2015
- 49 Photos and videos











Tweets

Tweets & replies

Media

Pinned Tweet



The NY Path Society @NYPathSociety · Apr 1 #NYPathSociety #Pathology #Pathologists The New York Pathological Society will host its annual President's Symposium on May 5, 2018. For more information:

he New York Pathological Society Presents:

PRESIDENTS' **SYMPOSIUM**













Saturday,

May 5, 201



Tweet one, tweet all. Time for

Tweet Activity



The NY Path Society

@NYPathSociety

Tweet one, tweet all. Time for #grossognosis! Guess the organ, name the findings and yes the DDX! Slides to follow, #NYPathQuiz **#pathology #pathologists** pic.twitter.com/IYYUtQWbyg

Reach a bigger audience Get more engagements by promoting this Tweet!

Get started

Impressions	6,776
Total engagements	715
Media engagements	380
Detail expands	132
Profile clicks	49
Likes	48
Hashtag clicks	33
Link clicks	31
Retweets	28
Replies	13
Follows	1

28 Retweets 48 Likes

























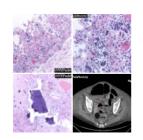








Tweet Activity



The NY Path Society

@NYPathSociety

Thank you so much for participating in our #grossognosis #NYPathQuiz debut. The answer: bowel ischemia 2/2 Kayexalate induced colitis. Pneumatosis of the bowel (CT image). Read more at https://nypathsociety.org/case-ofthe-week/case5 Case submitted by @YonahZiembaMD & Dr Arvind Rishi #pathology #Glpath

pic.twitter.com/iXTvzFJHiH



Get started

Impressions	6,153
Total engagements	420
Media engagements	179
Detail expands	71
Likes	54
Retweets	43
Profile clicks	35
Link clicks	24
Replies	7
Hashtag clicks	6
Follows	1

5:28 PM - 30 Mar 2018







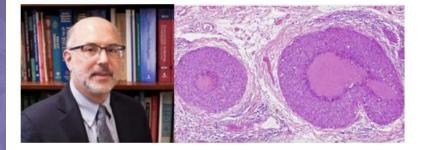












The Continuing Dilemma of Ductal Carcinoma in situ

NY Pathological Society Thursday, February 8, 2018 131 E 76th Street, Einhorn Auditorium of Lenox Hill Hospital 6 pm - Lecture: The Continuing Dilemma of [...]

ofessors, Doctors and other JOIN ecialist in the NYPS Community ical **Recent Articles** Quick Links **President's Symposium Handouts** O May 3, 2018 Contact Us 4 and **Focus on Cellular** Register Neurothekeoma and urnal its Fibrohistiocytic Login Origin Profile O April 30, 2018 Account Settings Community Careers

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- Website: https://nypathsociety.org/
- Twitter: @NYPathSociety
- Instagram: newyorkpathsociety
- Facebook: New York Pathological Society

Contact: Silvija Gottesman, MD

Social Media Committee Chair

silvija.gottesman@gmail.com

To be featured on our social media pages, please submit H&E/IHC/etc images with 1-2 sentences describing the patient scenario.

Case of the Week

Website: https://nypathsociety.org/category/case-of-the-week

Arvind Rishi, MD

Editor, Case of the Week Series arishi@northwell.edu

Yonah Ziemba, MD

Resident Coordinator, Case of the Week Series yziemba@northwell.edu

Instructions: Features an interesting case. Submission requires 1-2 paragraphs of text and 1-2 references.

Don't Forget

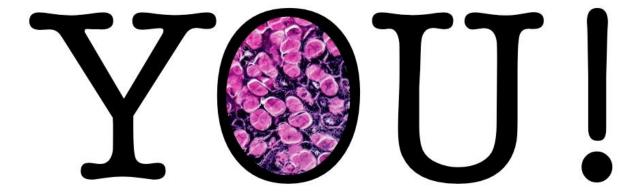
More information available at our website:

https://nypathsociety.org/

Our conference hashtag is #NYPathSoc

Tweet, Retweet, Learn

THANK



@SGottesmanMD