

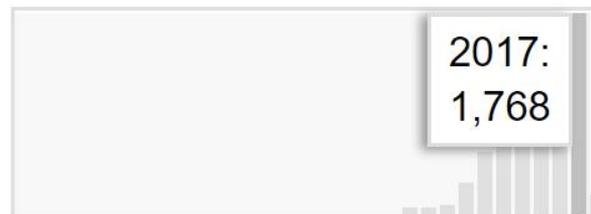
REDES SOCIALES PARA PATÓLOGOS



Eduardo Alcaraz Mateos
Hospital Universitario Morales Meseguer, Murcia

@edusqo
#APMurL





Rev Esp Patol. 2018 Jan - Mar;51(1):6-13. doi: 10.1016/j.patol.2017.09.002. Epub 2017 Oct 18.

[Pathology in social media networks. Recruitment campaign].

[Article in Spanish]

Alcaraz Mateos E¹, Guerra Pastrían L², Pijuan Andújar L³, López Solache L⁴, Zucchiatti A⁵, García Ángel R⁶, Prieto Cuadra JD⁷, Labiano Miravalles T⁸, Carvalho R⁹, Gardner JM¹⁰, Terrádez C¹¹, de Álava E¹².

Author information

Abstract

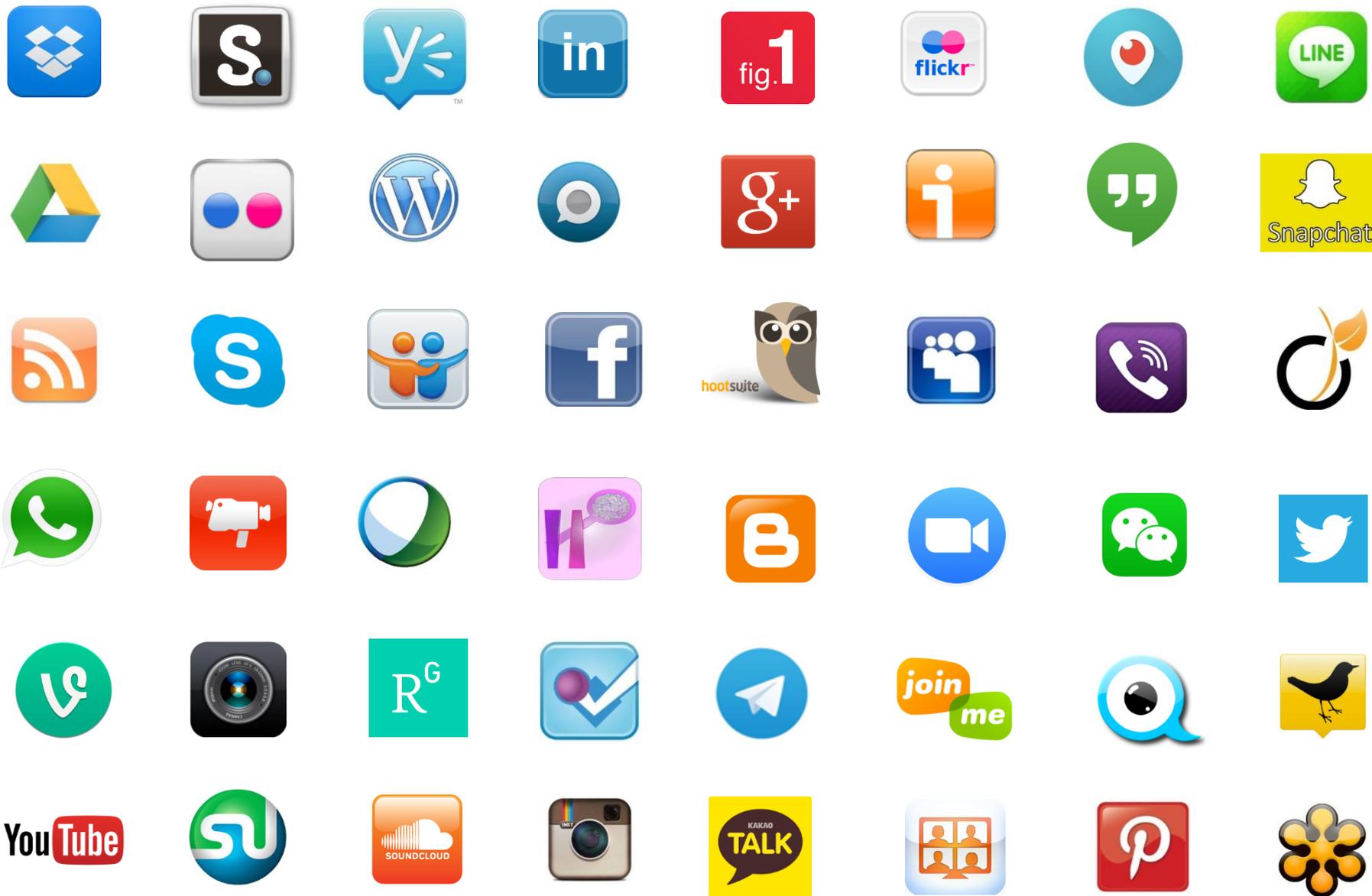
INTRODUCTION: Pathology is a speciality that is often poorly understood, not only by the general public, but also by clinicians. However, the recent widespread use of social media provides an opportunity to increase the visibility and comprehension of our profession. A working group was formed to carry out this task.

MATERIAL AND METHODS: The members of the Spanish Society of Pathology were contacted through its Communication and Social Projection Subcommittee to engage in the campaign #IWantYouForSEAP, to form a network on Twitter. The recruitment period was one month (August, 2016). The resulting project, developed during the XXVIII Congress of the SEAP-IAP, was registered using the analytical tools Symplur and Tweet Binder.

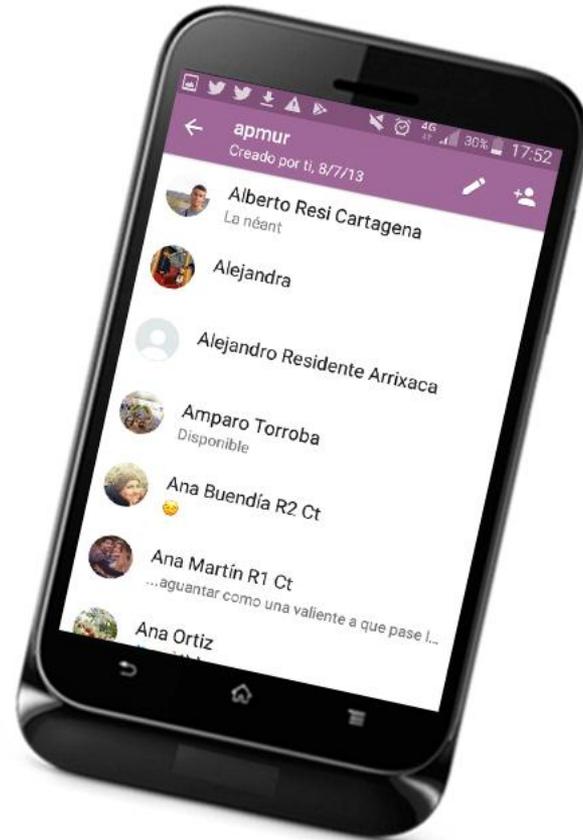
RESULTS: 32 applications (29 pathologists, 2 histotechnicians, 1 administrative personnel) were received from all over Spain, including participants from 14 of the 17 Autonomous Regions, from 22 cities and 25 medical centres. The activity in relation to the hashtag #SEAP2017V used in the congress included 685 participants with 6704 tweets and 8,837,435 impressions. 28 of the 32 recruited by the #IWantYouForSEAP campaign participated, contributing with 2410 tweets, and generating 2,090,423 impressions (36% and 24% of the total, respectively).

CONCLUSIONS: It is possible to promote and motivate teamwork within our discipline through social media networks. This preliminary experience of the use of social media networks in our scientific community has had encouraging results which have raised high expectations among participants. An appropriate use of social media networks could help to narrow the gap between pathologists and society.









facebook

Surgical (anatomic) Pathologists   Edu

Surgical (anatomic) Pathologists
Grupo cerrado

Información

- Conversación
- Miembros
- Eventos
- Videos
- Fotos
- Archivos

Buscar en este grupo 

Accesos directos

-  CANCER DE TIRO... 20+
-  Sociedad Española... 20+
-  Surgical (anatomic) Pat... 20+
-  Dermatopathology 6
-  Bone and Soft Tissue... 9
-  Cytopathology 20+

Miembros · 32.301

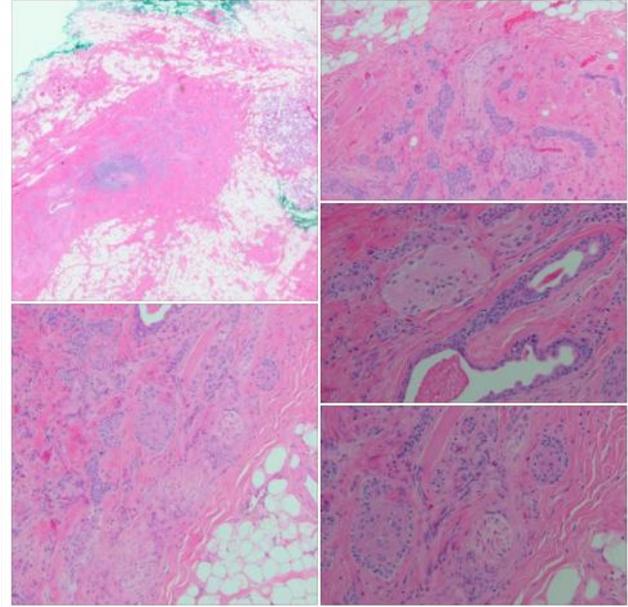
Información sobre este grupo

Descripción

A group joining surgical pathologists world wide to share surgical (anatomic) pathology information and experience.

 **Sanjay Mukhopadhyay**
Ayer a las 4:00 · Pepper Pike, Ohio, Estados Unidos

Is this perineural invasion in squamous cell carcinoma?



 Me gusta  Comentar

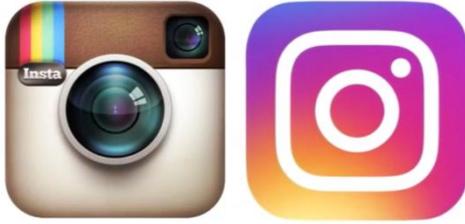
 14

-  **Naglaa Samier** Positive perineural invasion  1
Me gusta · Responder · 1 d
-  **Tshering Dorji** I think the tumor surrounds less than 33% of the circumference of the nerve so it shouldn't be considered as perineural invasion (Cancer. 2009 Aug 1;115(15):3379-91)  2
Me gusta · Responder · 20 h · Editado
-  **Fatima Nuila** It isn't !!!  1
Me gusta · Responder · 20 h
-  **Andres Emilio Angel** It resembles sialometaplasia to me. If this is in oral cavity, sialometaplasia may be the result of a ischemic event in a minor salivary gland, resulting in something similar. PSM includes commonly neural invasion.  1
Me gusta · Responder · 19 h
-  **Sanjay Mukhopadhyay** This is the Juxtaoral organ of Chievitz. Pitfall alert!
<https://www.ncbi.nlm.nih.gov/pubmed/12692878/>

facebook

The screenshot shows a Facebook group page for "CANCER DE TIROIDES ESPAÑA". The page header includes the group name, a search bar, and user avatars for "Edu" and "Ini". Below the header, there's a navigation menu on the left with options like "Conversación", "Miembros", "Eventos", "Videos", and "Fotos". The main content area displays a post from a "Nuevo miembro" (New member) 2 hours ago. The post text reads: "Hola quisiera preguntarles qué significa nódulo maligno .es cancer ?me entregaron un biopsia y dice en diagnóstico nódulo maligno.estare atenta a sus comentarios ...". Below the post are interaction buttons: "Me gusta", "Comentar", and "Compartir". There are 7 reactions shown. The comments section contains several questions and answers related to thyroid cancer diagnosis and terminology, such as "Es carcinoma ya te dijeron lo que sigue?", "Se lellama carcinoma papilar de tiroides", and "Si quiere decir q si a mi me dijo eso mi endocrinologa".





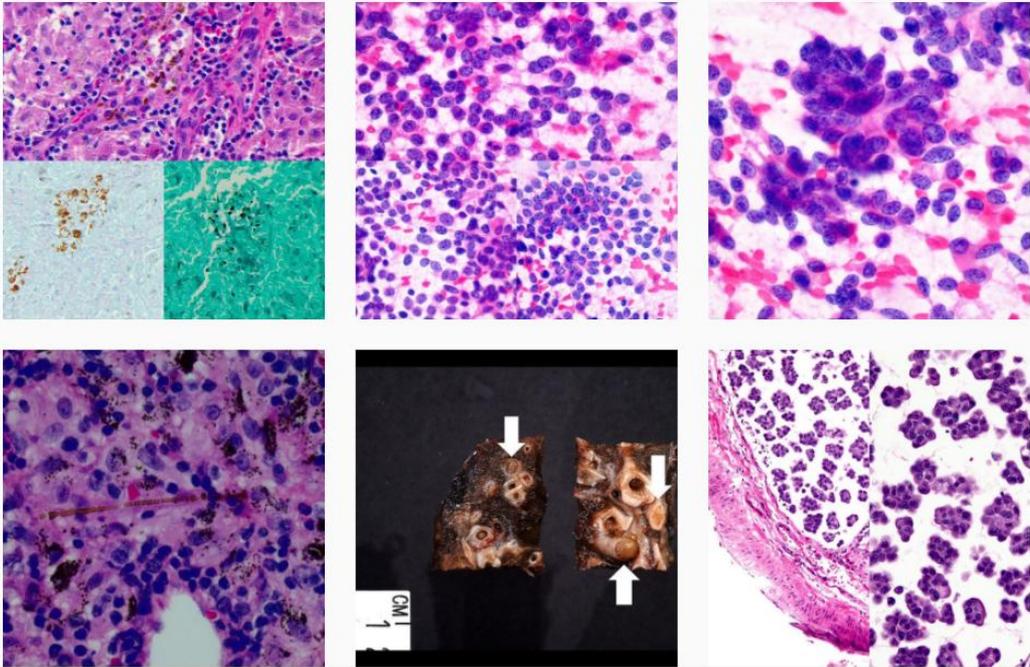
Instagram

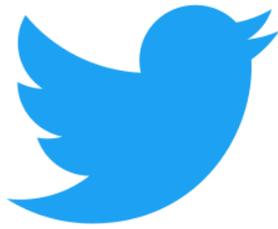
Buscar

 **smlungpathguy** Siguiendo

294 publicaciones 2.811 seguidores 2.946 seguidos

Sanjay Mukhopadhyay Dad, pathologist, author of lung pathology textbook.
Pathologists are medical doctors who diagnose diseases by looking at cells with a microscope. tinyurl.com/gokddrz





"If we would serve science, we must extend her limits, not only as far as our own knowledge is concerned, but at the estimation of others."
-Rudolf Virchow

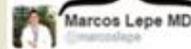
Marcos Lepe MD
@marcoslepe Te sigue

PGY4 Path Resident @ Brown. Future UPenn cytopath fellow 2018-2019. T/RT ≠ medical advice. ASC SoMe/Website...

Diagnostic Cytopathology

VOLUME 45, NUMBER 8, AUGUST 2017

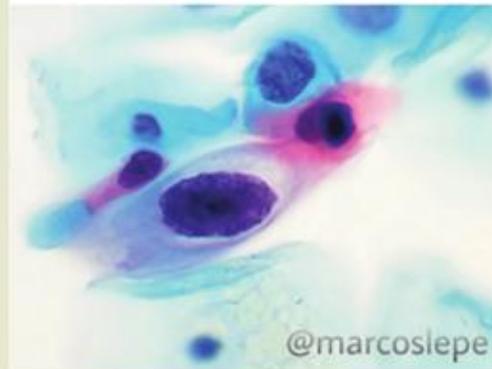
Twitter handles are users/organizations and are always "@(username)"



Deconstructing the tweet

Today's HSIL case, amazing nuclear detail from Smartphone camera, what a time to be alive!!! #cytopathology #cytology

Hashtags are topics which are always "#(topic)" these are clickable and searchable



In addition to 140 characters, tweets can also have attached pictures, videos, etc.

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ISSN 8755-1039

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CAP Pathologists
@Pathologists

Siguiendo

The College of American Pathologists (CAP), the leading organization of board-certified pathologists.



SEAP-IAP
@SEAP_IAP

Siguiendo

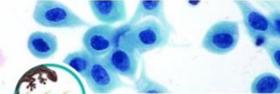
Sociedad Española de Anatomía Patológica-División Española de la International Academy of Pathology ...



USCAP
@TheUSCAP

Siguiendo

United States & Canadian Academy of Pathology. ICE: Immersive #Cytopath Experience at #USCAPInteractive -...



Cytopathology.org
@cytopathology

Seguir

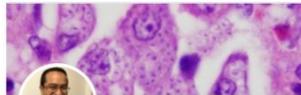
Founded in 1951, the American Society of Cytopathology is a professional organization dedicated to the scienc...



RC of Pathologists
@RCPath

Seguir

The Royal College of Pathologists promotes excellence in the practice of pathology. Members work across 19...



Sanjay Mukhopadhyay
@smlungpathguy

Siguiendo

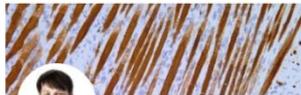
Pulmonary pathologist at Cleveland Clinic. Dad. Author of lung pathology textbook. All tweets and opinions...



Enrique de Álava
@EnriqueAlava

Siguiendo

En Sevilla desde 2013. Padre, pareja, médico, anatomopatólogo, investigador y profesor. Busca el sentido y lo...



Jerad Gardner, MD
@JMGardnerMD

Siguiendo

Dermopath/Sarcoma Pathologist @DermPathUAMS. Deputy Editor-in-Chief: @ArchivesPath. Board member...



Miguel Reyes-Mugica
@mreyesm

Siguiendo

Chief of Pathology, Child Hosp Pittsburgh. Editor-in-Chief of Pediatr Pathol (2001-16). Yale Prof 1994-200...



PhillipMckeeDermPath
@phtmckee1948

Siguiendo

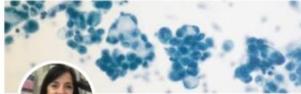
Dermatopathologist - retired Special interests-skin cancer particularly melanoma. Author of text books on...



Laura G. Pastrán MD
@DraEosina

Siguiendo

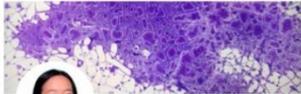
Aunque mi favorito es el Masson. Patóloga de hígado, páncreas y todo lo que se tiña con CDX2. Y un poco...



Lara Pijuan, MD PhD
@lara_pijuan

Siguiendo

Pulmonary & cytopathologist at @Hospitaldelmar Interested in #immunotherapy and ...



Sara Jiang, MD
@Sara_Jiang

Siguiendo

Pathologist @DukeHealth in #EndoPath, #ENTPath, #CytoPath. #ASCP40underForty2017, ...



Martha B. Pitman, MD
@marthabpitman

Siguiendo

Professor of Pathology, Harvard Medical School, Director of Cytopathology, Massachusetts General Hospital



Sharon Weiss
@SwwWeissMD

Seguir

Prof Pathology, @Emory, Alum of @Wellesley, @HopkinsMedicine, Past-President of @TheUSCAP and ...



The Pathologist
@pathologistmag

Siguiendo

Reporting on the research, personalities, policies and partnerships that are shaping #pathology. Deputy Editor ...



Human Pathology
@Human_Pathology

Seguir

Official Twitter page for Human Pathology. Published since 1970. An Elsevier journal.



Rev Esp Patol
@REP_Patologia

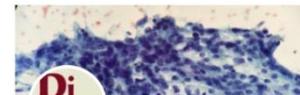
Siguiendo

Revista Española de Patología. Órgano de expresión de la Sociedad Española de Anatomía Patológica y de la Socieda...



Surgical Pathology
@AJSPjournal

Seguir



Diagnostic Cytopath
@DiagnosticCyto

Seguir

Official account of Diagnostic Cytopathology, A @Wiley_Health journal publishing practical, clinically-relevant...

INFORMACIÓN / FORMACIÓN



The Pathologist

@pathologistmag Te sigue

Reporting on the research, personalities, policies and partnerships that are shaping #pathology. Deputy Editor ...



HumanPathology

@Human_Pathology Te sigue

Official Twitter page for Human Pathology. Published since 1970. An Elsevier journal.



Rev Esp Patol

@REP_Patologia

Revista Española de Patología. Órgano de expresión de la Sociedad Española de Anatomía Patológica y de la Socieda...



Surgical Pathology

@AJSJournal



Diagnostic Cytopath

@DiagnosticCyto

Official account of Diagnostic Cytopathology, A @Wiley_Health journal publishing practical, clinically-relevant...

What is a Journal Club on Twitter?

The PathJC Journal club is dedicated to discussion and sharing of the latest forefront of pathology. Discussions are conducted monthly on the social using the hashtag #pathjc and using @Path_JC as the official handle.

Why do you use Twitter?

Twitter allows for open international discussion of articles and is free to platform for networking and has a robust pathology community. If you're you should join and check it out for yourself!

Do I have to have a Twitter account to be part of the journal club?

You can follow the discussion without a Twitter account but will need an and ask questions (which is the fun part!)

How do I participate?

Get on Twitter at the journal club times

- Americas time zone: Tuesday, 9 pm EST / 8 pm CST,
 - #EuroTime: Wednesday, 9pm CEST (central summer european time)
- Follow the hashtag #pathjc and @Path_JC. More details [here](#).

Infantile NTRK-associated Mesenchymal Tumors

Jessica L Davis^{1,2}, Christina M Lockwood³, Catherine M. Albert⁴, Karen Tsuchiya^{2,3}, Douglas S Hawkins⁴, and Erin R Rudzinski²

Abstract

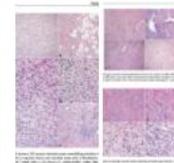
Pediatric fibroblastic/myofibroblastic lesions are a relatively common group of tumors with varying morphologies, for which the molecular mechanisms are becoming increasingly well characterized. Congenital infantile fibrosarcoma (CIFS), perhaps the most well studied of these lesions is characterized by a recurrent *ETV6-NTRK3* gene fusion. However, a notable subset of locally aggressive congenital/infantile soft tissue lesions with similar morphologic features to CIFS, have not to-date, shown evidence of any canonical molecular aberration. We describe 6 patients with mesenchymal tumors composed of infiltrative fibroblastic/myofibroblastic tumor cells and showing a morphologic spectrum of features much analogous to that previously

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Enrique de Álava @EnriquedeAlava · 20 sept.

Indeed at least three subsets of rare mesenchymal tumors bear NTRK fusions
#PathJC #EuroTime @SEAP_IAP #PediPath @CIBERONC



Pathology JC @path_JC

NTRK-associated mesenchymal tumors can have variable histology - examples from JL Davis et al #pathjc #pedipath #bstpath

Pediatric and Developmental Pathology
1-11
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SAGE

INFORMACIÓN / FORMACIÓN



Gerónimo Jr, MD @GeronimoJrLapac · 19 oct.
#Gynpath #pathclues #pathologists #Pathology

Adv Anat Pathol 2017;24:354–361

Traducir del inglés

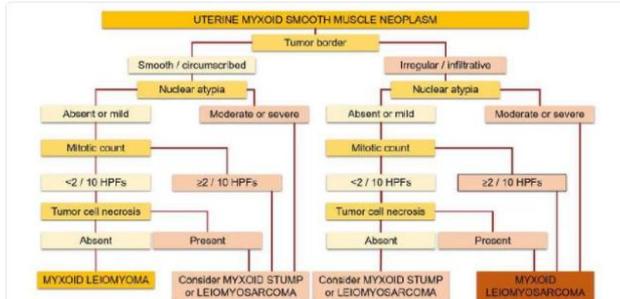
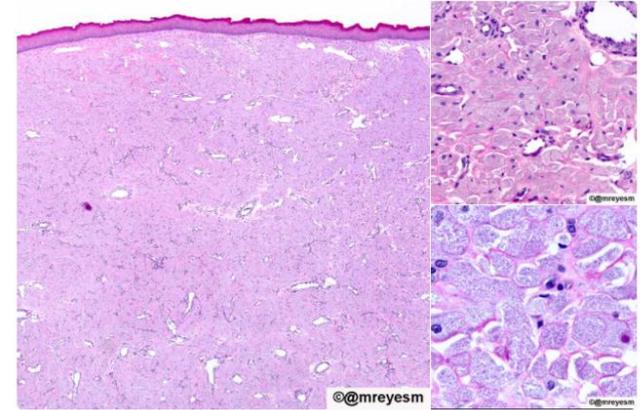


FIGURE 2. Diagnostic algorithm for uterine myxoid smooth muscle neoplasms. The diagnosis of myxoid leiomyoma is one of exclusion; consider it only in tumors with smooth noninfiltrative borders and the absence of any worrisome malignant features. Nuclear atypia is defined as presence of hyperchromasia and enlargement, the latter graded as 1+ (similar in size to nuclei of adjacent nonneoplastic myometrium), 2+ (2× size) and 3+ (≥ 3× size). Tumor with smooth borders and malignant features are unusual and experience with them is limited; tumors with ≥ 2 mitoses/10 high-power fields should be treated as myxoid leiomyosarcoma as defined in seminal studies; those with either moderate to severe atypia or tumor cell necrosis should be considered as at least myxoid smooth muscle of unknown malignant potential (mSTUMP). Circumscribed tumors with ≥ 2 malignant features should be classified as myxoid leiomyosarcoma, akin to conventional tumors. Lesions with infiltrative borders and absence of other worrisome features represent at least mSTUMP; the diagnosis of myxoid leiomyosarcoma should be strongly suspected, but experience in this scenario is very scarce. HPF indicates high power field. Please see this image in color online.



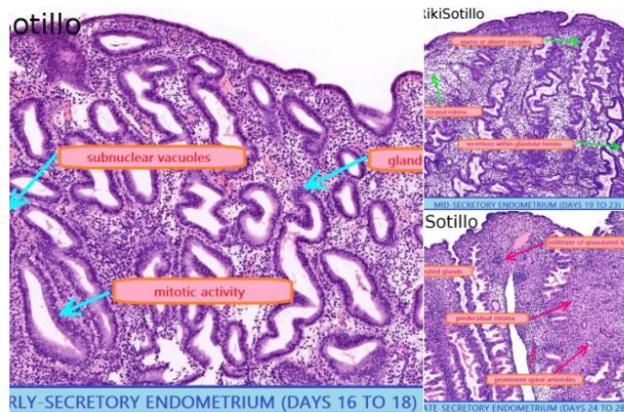
Miguel Reyes-Mugica @mreyesm · 16 oct.
What would you call this and what IHC would you order? #OralPath #PediPath #Pathology



20 53 92



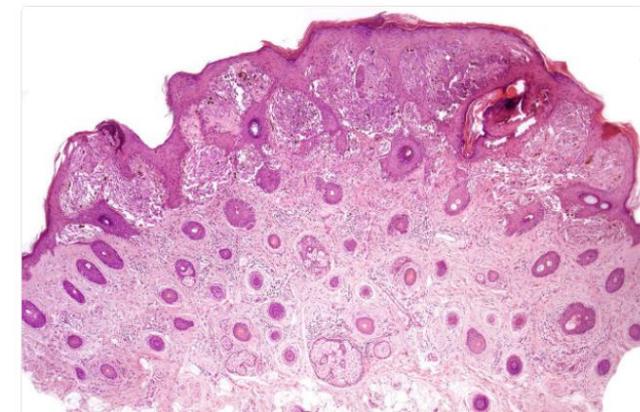
Tweet fijado
Riki Sotillo Sánchez @RikiSotillo · 22 sept.
Some useful tips to date the secretory endometrium 🤔 #pathology #pathologists #pathboards #gynpath #endometrium



18 134 238

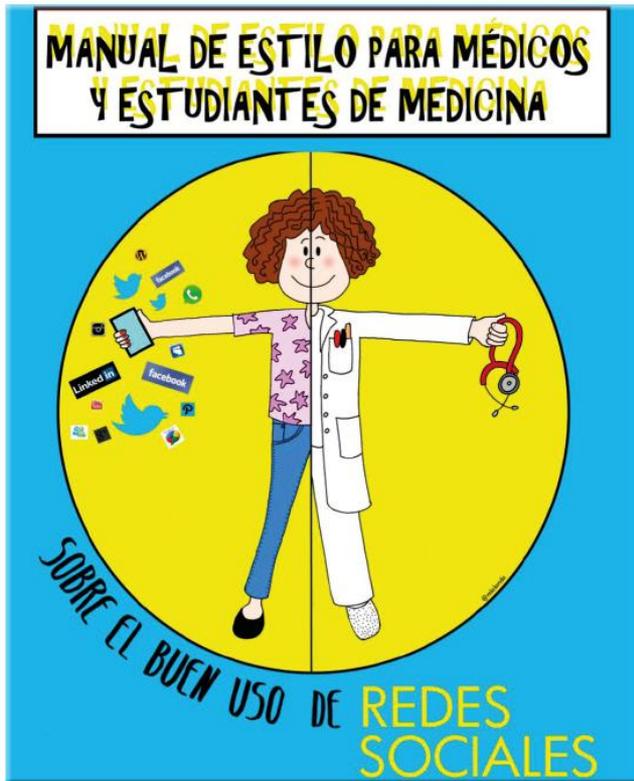


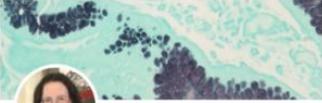
PhillipMckeeDermPath @phmckee1948 · 17 sept.
While we are on the topic of Spitz nevus here is another example of a predominantly junctional lesion. It begins and ends in a nest. Traducir del inglés



2 21 46

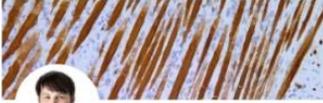
Legislación / Privacidad / Recomendaciones





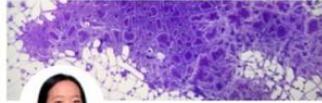

Maren Y. Fuller, MD
@marenwhymd Te sigue

#pedipath fellow. AP/CP/#cytopath.
#pathJC co-founder. Lover of reading, sunshine, and sciencey stuff. Tweets...




Jerad Gardner, MD
@JMGardnerMD Te sigue

DermPath/Sarcoma Pathologist
@DermPathUAMS. Deputy Editor-in-Chief: @ArchivesPath. Board member...




Sara Jiang, MD
@Sara_Jiang Te sigue

Pathologist @DukeHealth in #EndoPath, #ENTPath, #CytoPath.
#ASCP40underForty2017, ...

TABLE 1. Do's and Don'ts of Posting on Social Media

Do's	Don'ts
Share interesting and educational cases.	Post any protected health information.
Use social media to connect with colleagues.	Ignore your institution's social media policies.
Live-tweet meetings that you attend.	Solicit formal consultative opinions.
Think before you post.	Post anything that you would not want your boss, grandmother, or religious leader to read.

Org. Médica Colegial ✓
@OMC_Espana

La OMC representa a los 52 Colegios de Médicos de España y tiene como función la representación, la ordenación y la...

NETWORKING



Pacientes / Población General / Visibilidad



Seguir

GEPAC

@GEPAC_

Grupo Español de Pacientes con Cáncer. Representamos los intereses de los pacientes.



Seguir

UnidosContraElCáncer

@aecc_es

Bienvid@ al canal oficial de la Asociación Española Contra el Cáncer (aecc).Cada día intentamos mejorar...



Siguiendo

RarasNoInvisibles

@NoInvisibles

Hablamos de salud, enfermedades raras, inclusion social y biomedicina. Escribe @SDciencia Mas Información:...



Siguiendo

Foro Pacientes

@fep_pacientes

Twitter oficial del Foro Español de Pacientes.



Siguiendo

Fundacion Aladina

@FundAladina

La Fundación Aladina es una entidad sin ánimo de lucro que, desde 2005, ayuda a niños y adolescentes enfermos de...



Siguiendo

FEDER

@FEDER_ONG

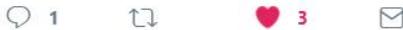
@FEDER_ONG, la voz de 3 millones de personas con #enfermedadesraras en España. Representamos a 325...

#MedEd – Estudiantes e imagen



Lara Pijuan, MD PhD @lara_pijuan · 16 oct.

Y que hacemos cuando nos encargan dan "el seminario" ? 🙄🙄 este año voy a darle una vuelta a ver si gusta más 😊👍👍



Beatriz Atienza @brizatica · 16 oct.

Un precioso primer paso ya es "darle una vuelta". Un 2o podría ser explorar metodologías que te motivaran más! Alguna encajará contigo! 🍕



Beatriz Atienza @brizatica · 16 oct.

Y si quieres recursos o ideas, aquí estoy disponible para ayudarte :) (todo sea por ir mejorando poco a poco el sistema) 🙌🙌



Lara Pijuan, MD PhD @lara_pijuan · 16 oct.

Este año di clases en el instituto para técnicos de #patología, usé Kahoot, Quiz y Twitter en mis clases 😊 Creo q aún me recuerdan 😊 @xaviipuig



Beatriz Atienza

@brizatica

En respuesta a @lara_pijuan @edusqo y a 11 más

Eso es genial! Si te recuerdan es porque esas clases superaron con creces el "estándar"! Con un poco de dulce el pastel cambia totalmente

14:13 - 16 oct. 2017



Siguiendo

Delegación Medicina

@damedium

Twitter de la Delegación de Alumnos de la Facultad de Medicina de la Universidad de Murcia. Para más información:...



casimedicos

@casimedicos

Estudiantes de Medicina, Medicos, MIR. Para saber estas solo; para aprender no. @victorjqv #Medicina #MIR #PAU #notasdecorte #2MIR17 #MIR2017 ...

Siguiendo



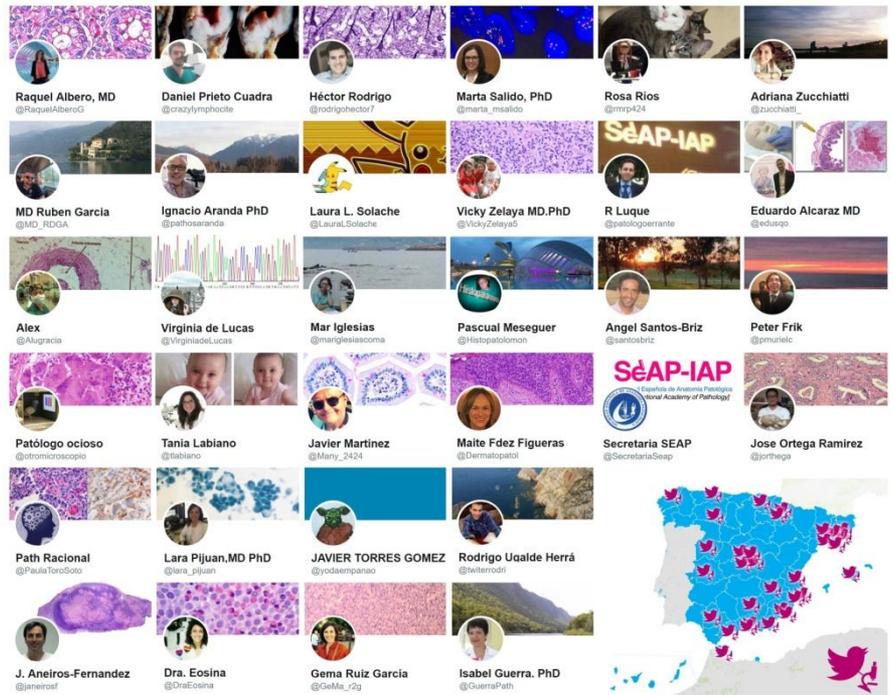
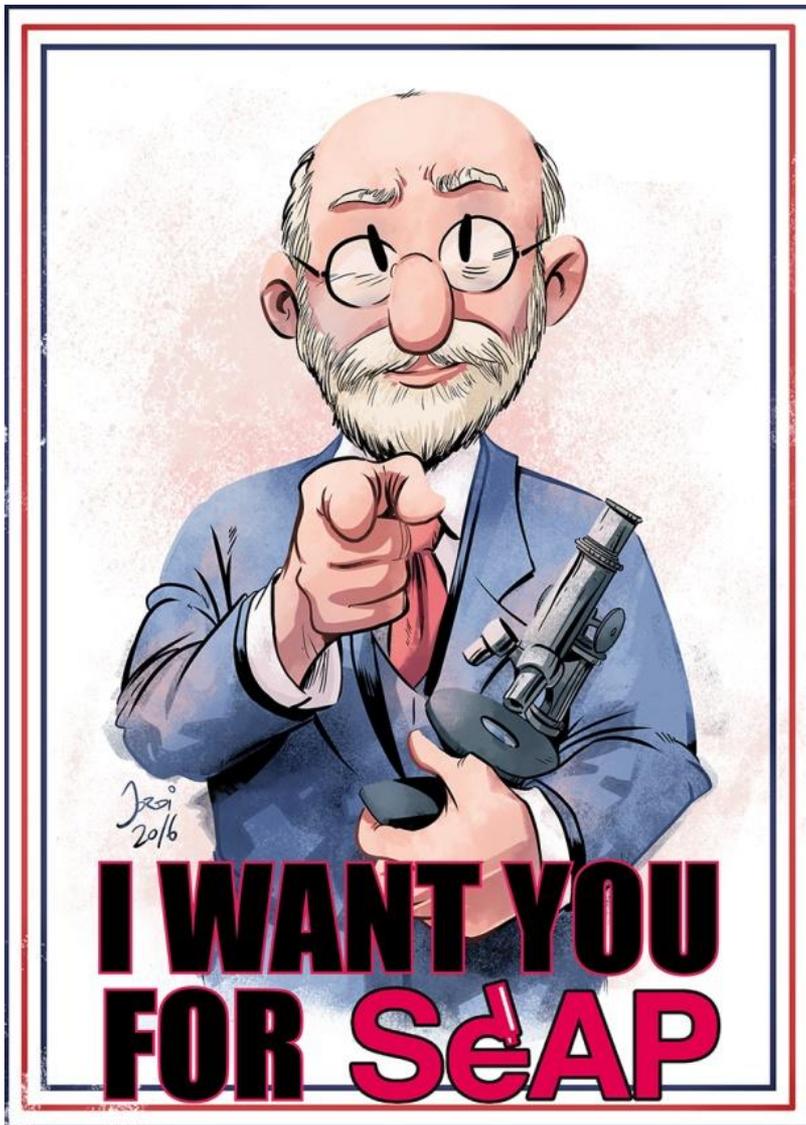
DMJ

DMédico Joven

@DMedicojoven

Espacio de @diariomedico que podrás seguir a través de #DMedicoJoven.

Siguiendo



Inicio Momentos 30 Notificaciones Mensajes

Buscar en Twitter

Twitter



Tweets 10,7 K Siguiendo 943 Seguidores 2.590 Me gusta 22,1 K Listas 7 **Siguiendo**

Lara Pijuan, MD PhD
@lara_pijuan Te sigue

Pulmonary & cytopathologist at @Hospitaldelmar Interested in #immunooncology and #DigitalPathology. Founder of @Cell_ebrities #pulmpath #cytopath Tweets my own

Barcelona, España

Spanish Pathology por Lara Pijuan, MD PhD

Spanish pathologists, biologists & technicians joining Twitter Si crees que falta alguien DM 🙋

209 miembros

5 pasos



Laura G. Pastrían MD
@DraEosina Te sigue

- Paso 1. Abrirse una cuenta de Twitter.
- **Paso 2. Ponerse una foto de perfil y una pequeña descripción. OBLIGATORIO**
- Paso 3. Añadir a algunas personas y empezar a retuitear.
- Paso 4. Tuitear.
- Paso 5. Disfrutar.

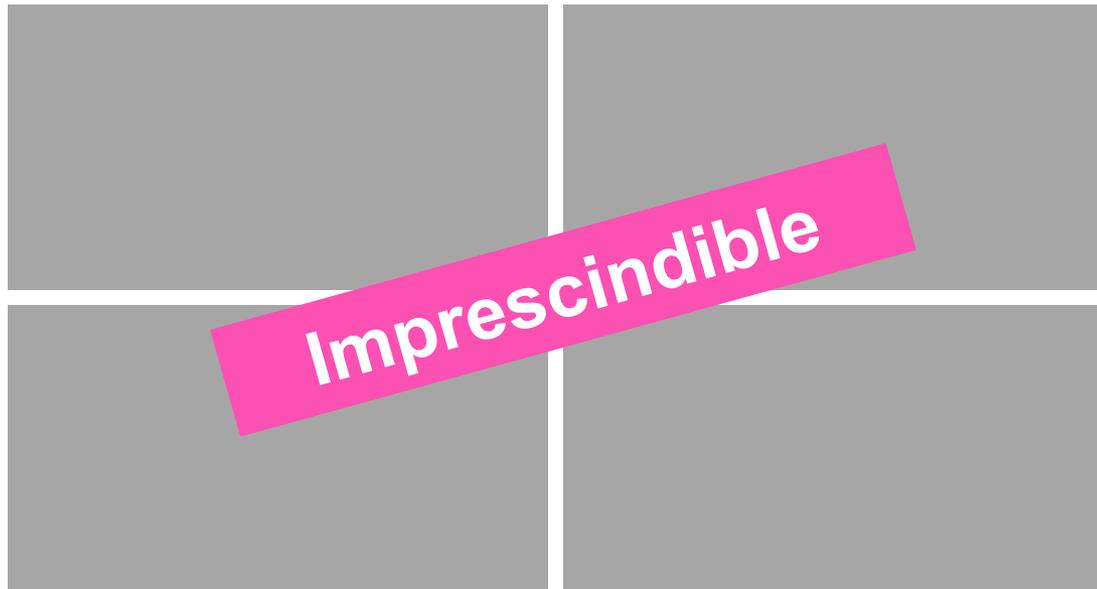


¿CÓMO TWITTEAR?



Nombre del Usuario @cuentadetwitter

Texto limitado a 280 caracteres en el que se pueden incluir palabras clave precedidas del símbolo “#” o incluso enlaces web, así como emoticonos. También se pueden incluir a otros usuarios mediante su cuenta “@”.



Etiqueta usuarios y ahorras omitiéndolos en el texto

¿CÓMO HACER FOTOS?

Smart Phone Microscopic Photography

A Novel Tool for Physicians and Trainees

Annie S. Morrison, MD; Jerad M. Gardner, MD

Modern pathologists often practice separately from their clinicians. Photographing interesting microscopic findings enables a pathologist to capture microscopic images that can be used for interdepartmental communication, presentations, rounds, tumor boards, and teaching.

Unfortunately, microscopic photography is not available to all pathologists or to trainees. Traditional photomicroscopes with mounted cameras are costly, limiting their availability. Whole slide scanning is time consuming, and access to digital accounts is also expensive. Recently, cellular phone technologies have advanced to the point that smart phones have photographic capability greater than many point-and-shoot cameras. New smart phone accessories can adapt smart phones to microscope eyepieces, thus facilitating microscopic image capturing. Priced around \$100, these accessories are affordable and appropriate in some settings but are still bulky for trainees and clinicians to carry. Similarly, pathologists would not likely bring them into the microbiology laboratory or to a colleague's microscope, and they are unlikely to be available in developing nations.

With the goal of facilitating microscopic image capturing without additional accessories, we developed a simple method for capturing microscopic images with any smart phone camera. This technique is quick, easy to learn, and can be used by anyone at any microscope.

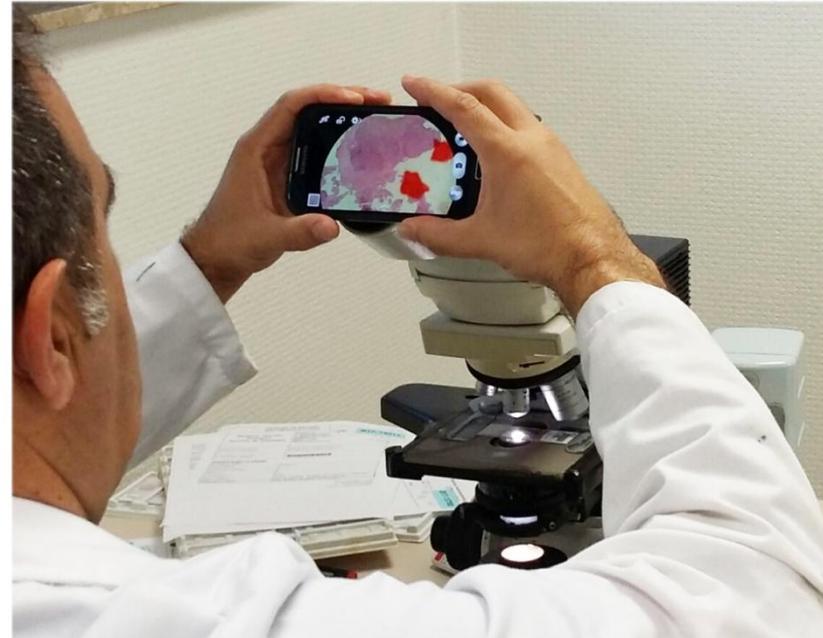
Smart phone microscopic photography entails using the third through fifth fingers of the left hand to steady the hand on the left microscope eyepiece, holding the camera between the thumb and second finger of the left hand and second through fifth fingers of the right hand, to leave the right thumb free. By looking through the smart phone screen while focusing on the light in the ocular of the right eyepiece and slowly bringing the phone closer to the microscope, the view beneath the microscope lens will

eventually fill the screen (Figure). The right thumb is free to focus the camera and capture the image. The camera's zoom function can remove vignetting (the circular frame around the image). A video tutorial is available at <http://www.youtube.com/watch?v=cd9ViHBIR4> (accessed September 10, 2013). Additional basic smart phone camera functions can be used to produce high-quality images suitable for use in presentations, posters, and publications. Successful smart phone microscopic photography is dependent on the ability to hold the camera steady and, while initially frustrating to learn, the technique can be readily mastered.

Although conceptually simple, smart phone microscopic photography is an invaluable tool for pathologists, clinicians, and trainees in many fields. This technique enables pathologists who do not own conventional microscope cameras, including those in small practices or developing nations, to obtain high-quality photomicrographs for use in a variety of clinical and educational applications, thus facilitating virtual consultations and the sharing of interesting cases. Smart phone microscopic photography also encourages trainees and clinicians to interact with microscopic images, further generating interest in histopathologic diagnostics, and encouraging a rapport between pathologists and clinicians. Another application for this technique is in endoscopy or laparoscopic surgery. To our knowledge, detailed instructions for obtaining quality smart phone microscopic photographs have not been previously published. Our technique and its potential applications are of novel interest and utility to physicians across many specialties.



Holding the smart phone steady, the view beneath the microscope lens will fill the screen and an image can be captured.



Editorial—Morrison & Gardner

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