

# A PROPÓSITO DE UN CASO....

Raquel Dolz Gaitón, Patricia Pose Lapausa, Olivia Sanz Martínez  
y Natalia Camarasa Lillo

Hospital Universitario Dr. Peset (Valencia)

Reunión Regional  
SEAP-CV

Hospital  
Universitario de  
Elche

17 de Noviembre de  
2017

# CASO CLÍNICO

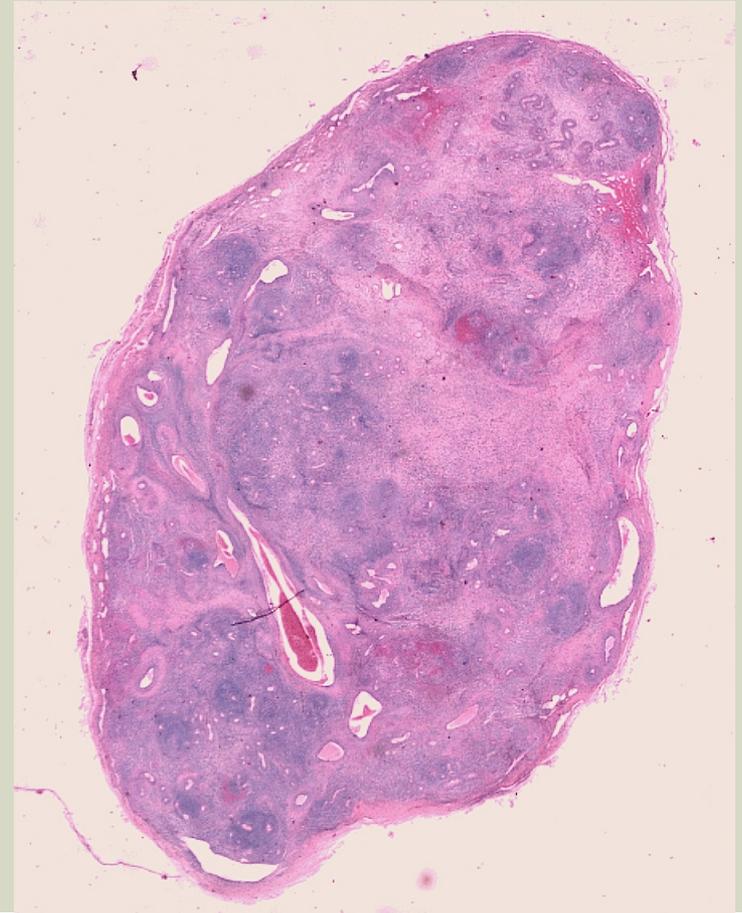
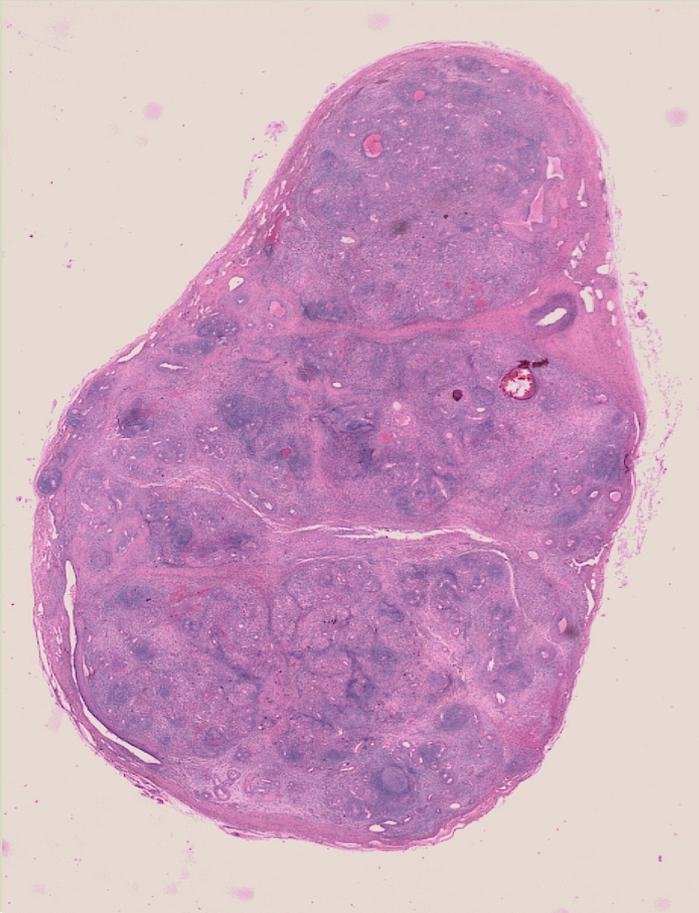
- Mujer de 40 años
- AM: Alergia a Atropina y Yodo
- IQ: Quístes de Bartholino
- Motivo de consulta: Tumoración cervical izquierda desde hace 10 meses. Hallazgo casual.

# CASO CLÍNICO

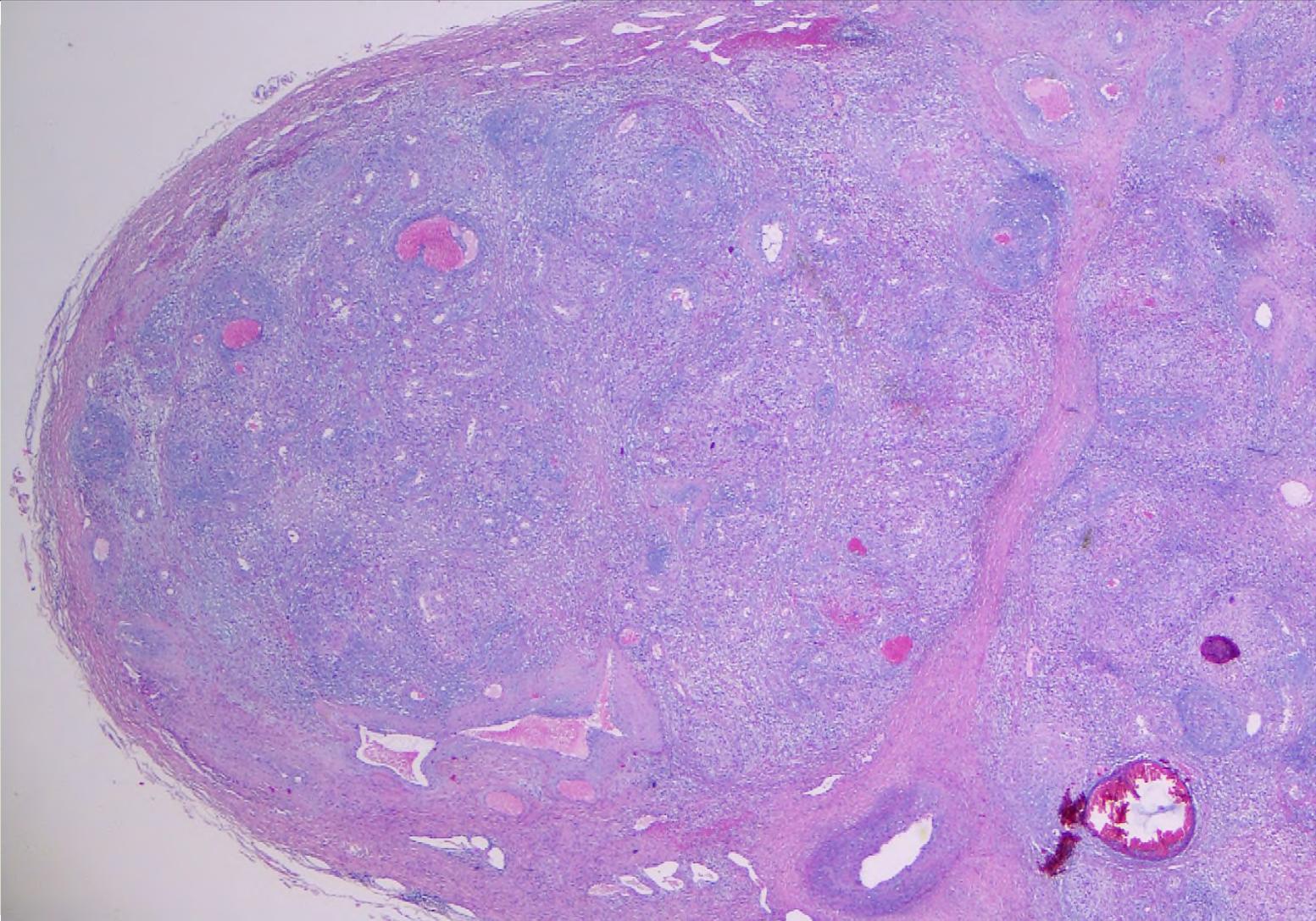
- EF: Nódulo de unos 2 cm, no indurado ni fijo que transmite latido. Dolor a la palpación no de manera permanente
- ECO: Nódulo homogéneo de 11,3 mm ovalado bien circuscrito.
- RM: Nódulo sólido de bordes bien definidos con discreto efecto masa desplazando la arteria carótida común mínimamente hacía anterior y medial.

# ESTUDIO PATOLÓGICO

Nódulo ovoideo grisáceo y elástico de superficie lisa de 1.6 x 1 x 0.8 cm.

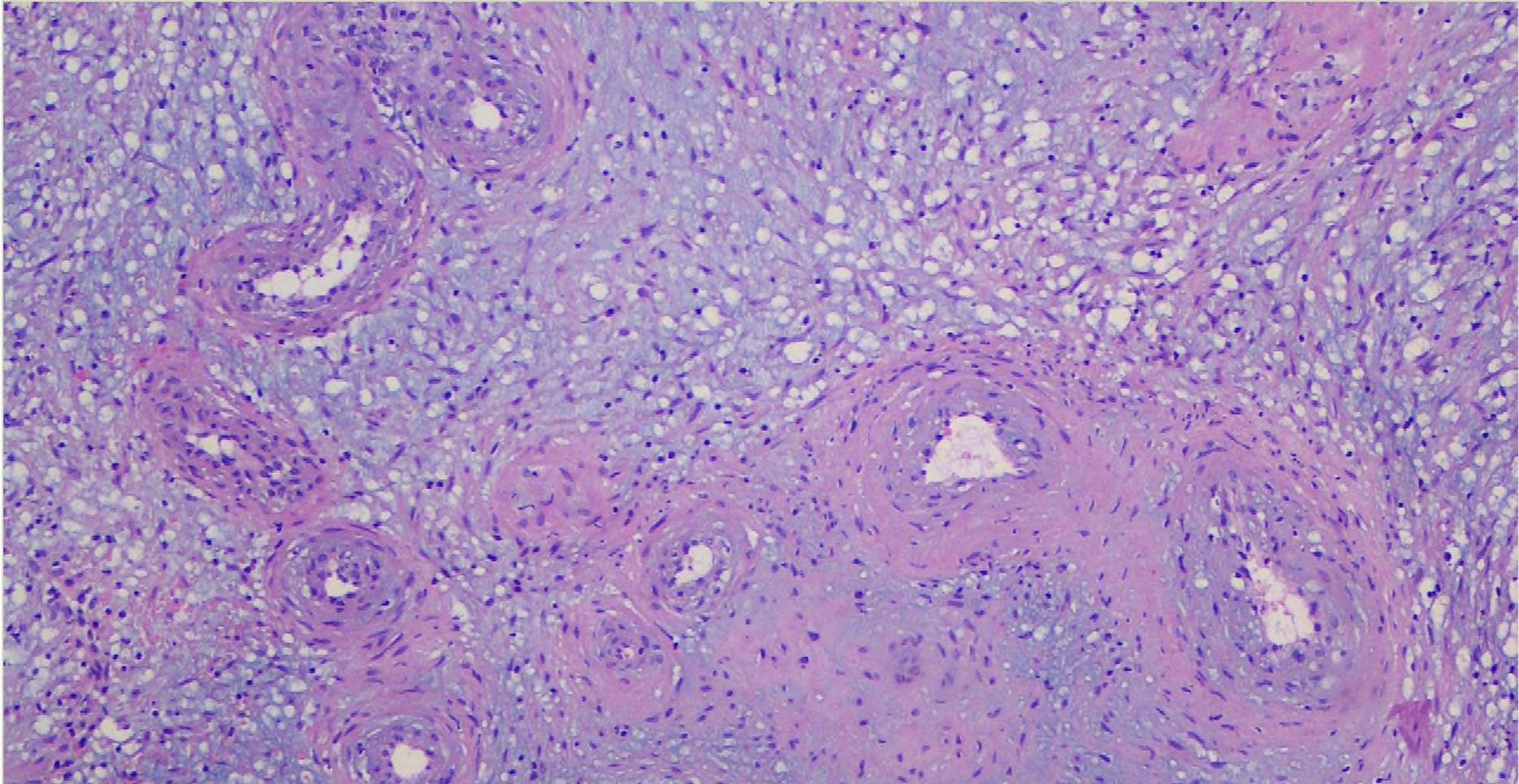


# ESTUDIO PATOLÓGICO



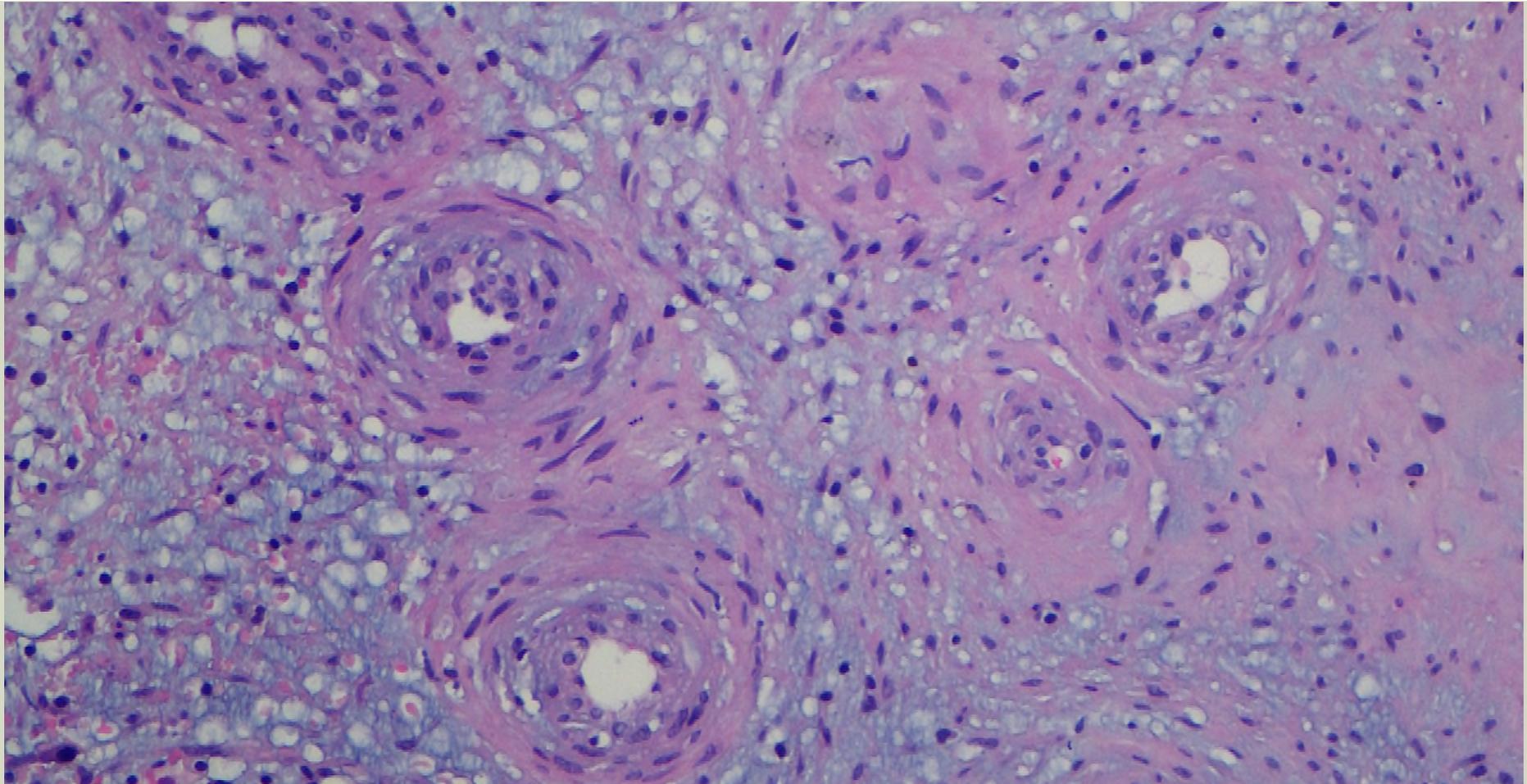
(H/E, 20x)

# ESTUDIO PATOLÓGICO



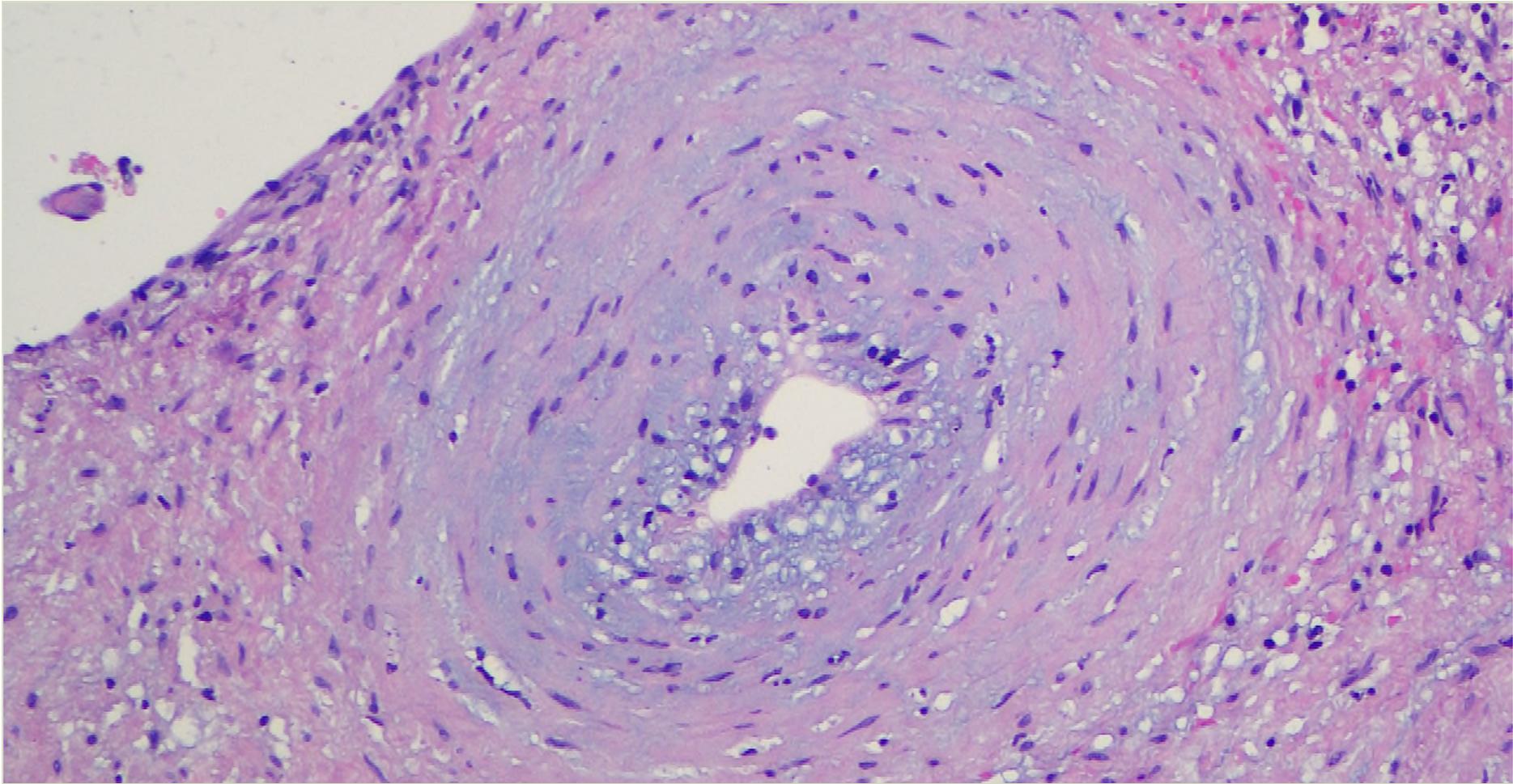
(H/E, 100x)

# ESTUDIO PATOLÓGICO



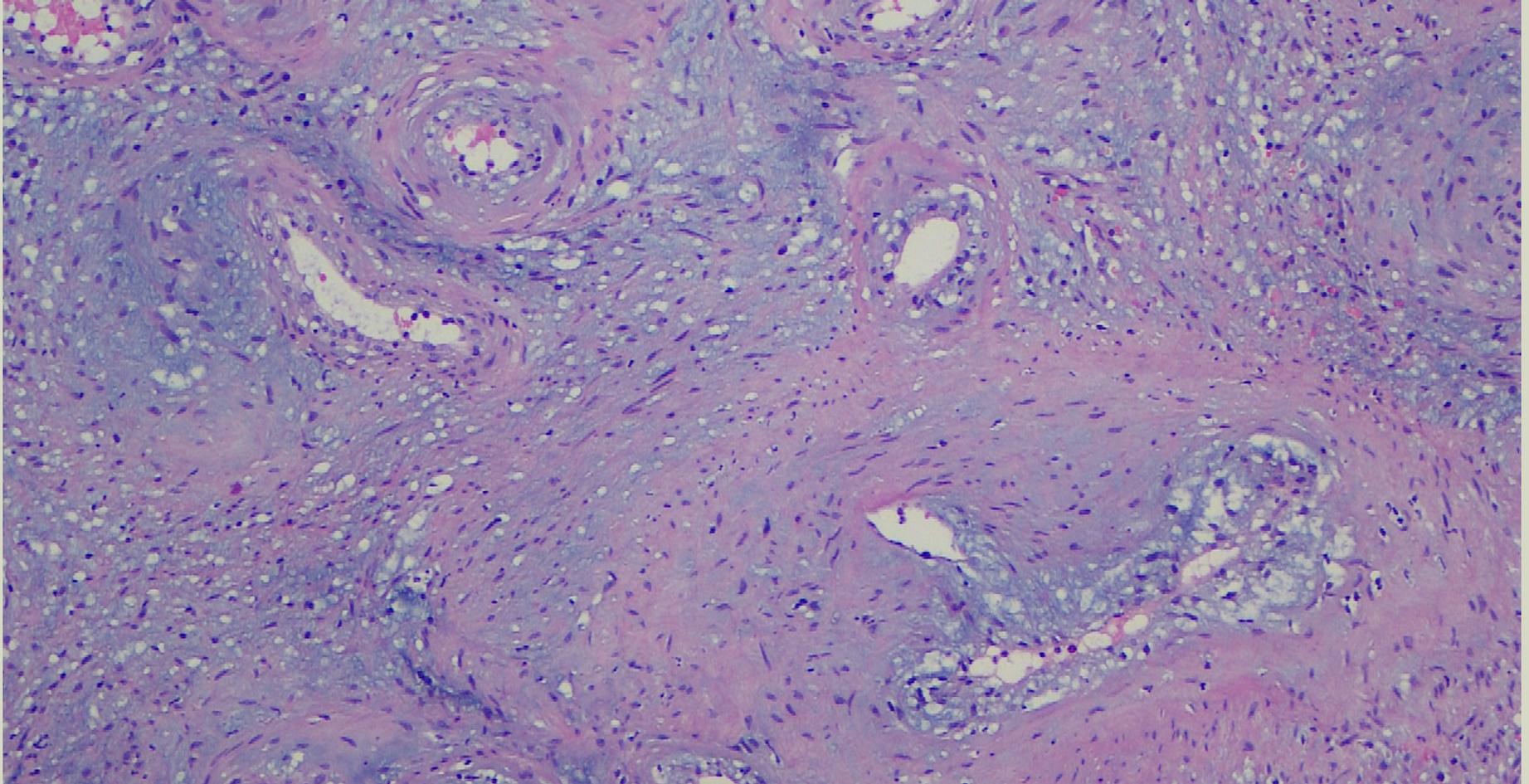
(H/E, 200x)

# ESTUDIO PATOLÓGICO



(H/E, 200x)

# ESTUDIO PATOLÓGICO



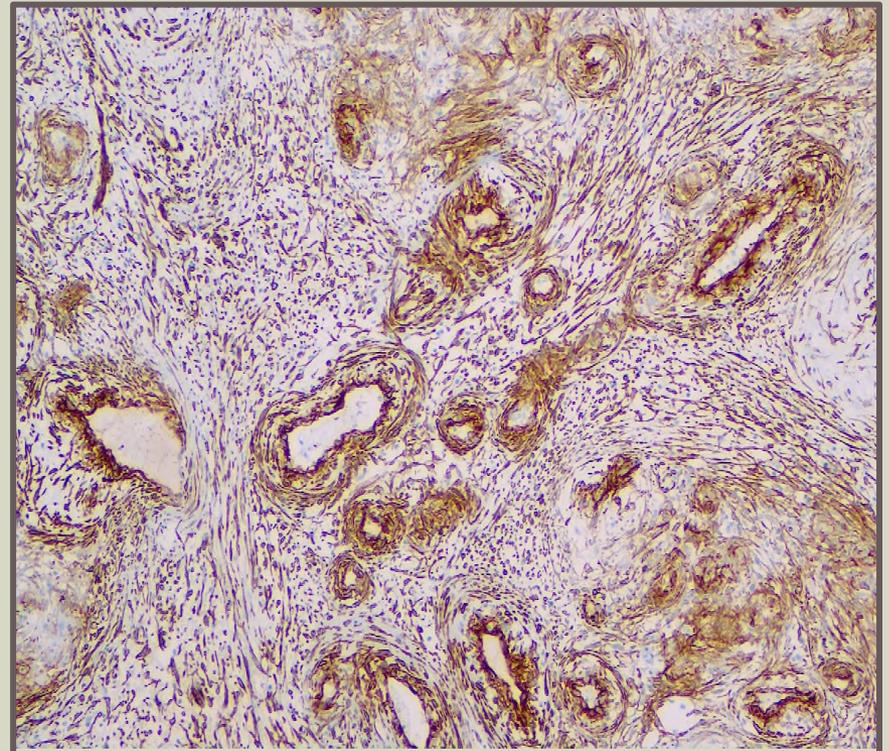
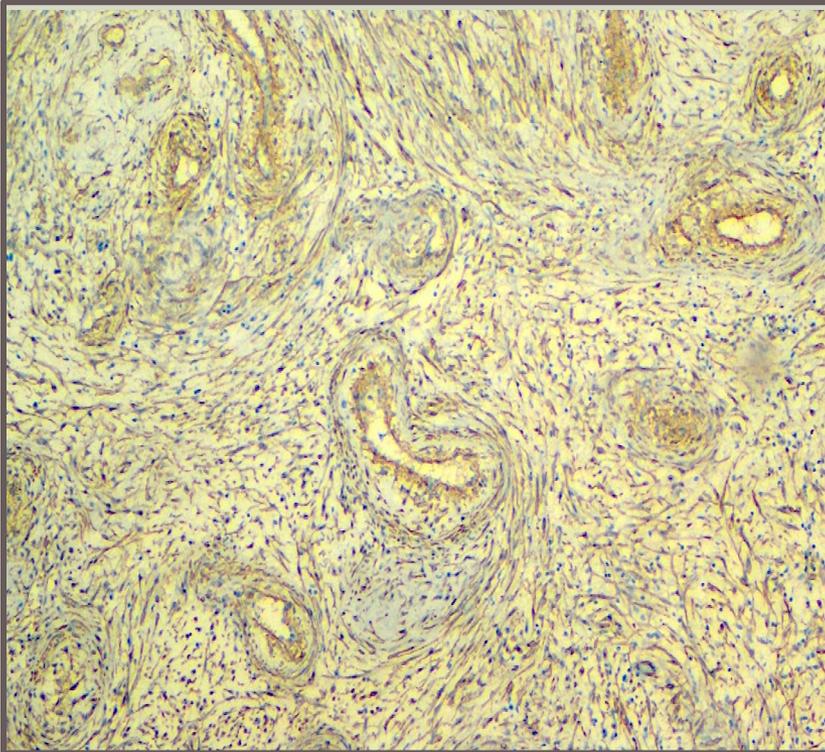
(H/E, 100x)

# IHQ

EXPRESA...

Actina ms liso

h- Caldesmon

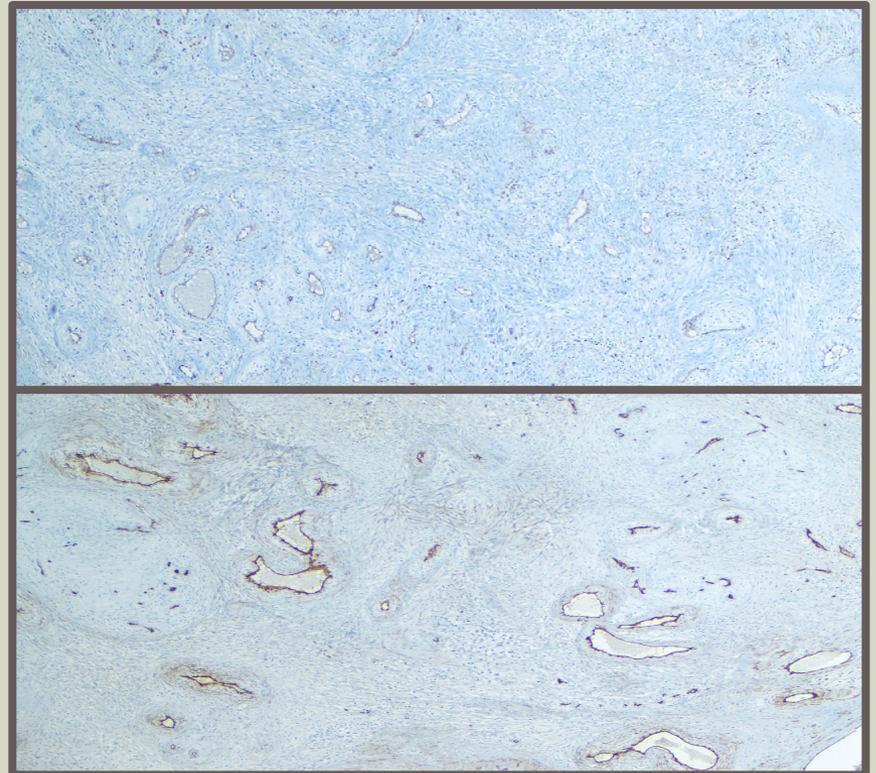
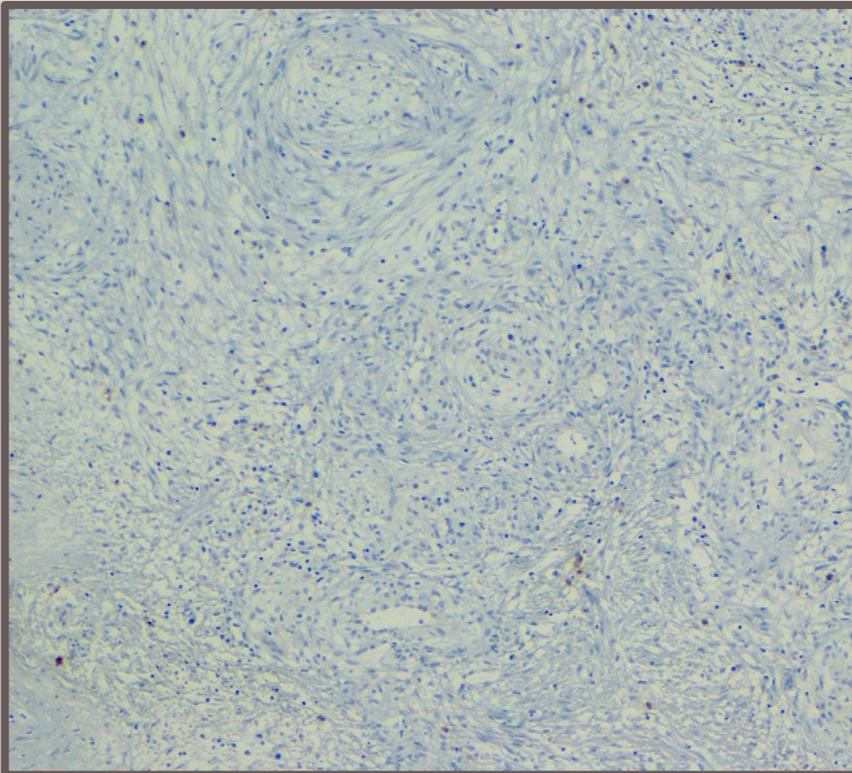


# IHQ

NO expresa...

Desmina

CD 31 y CD34



# DIAGNÓSTICO DIFERENCIAL

- Angioleiomioma
- Hemangiopericitoma
- Miofibroma
- Tumor glómico
- Miopericitoma

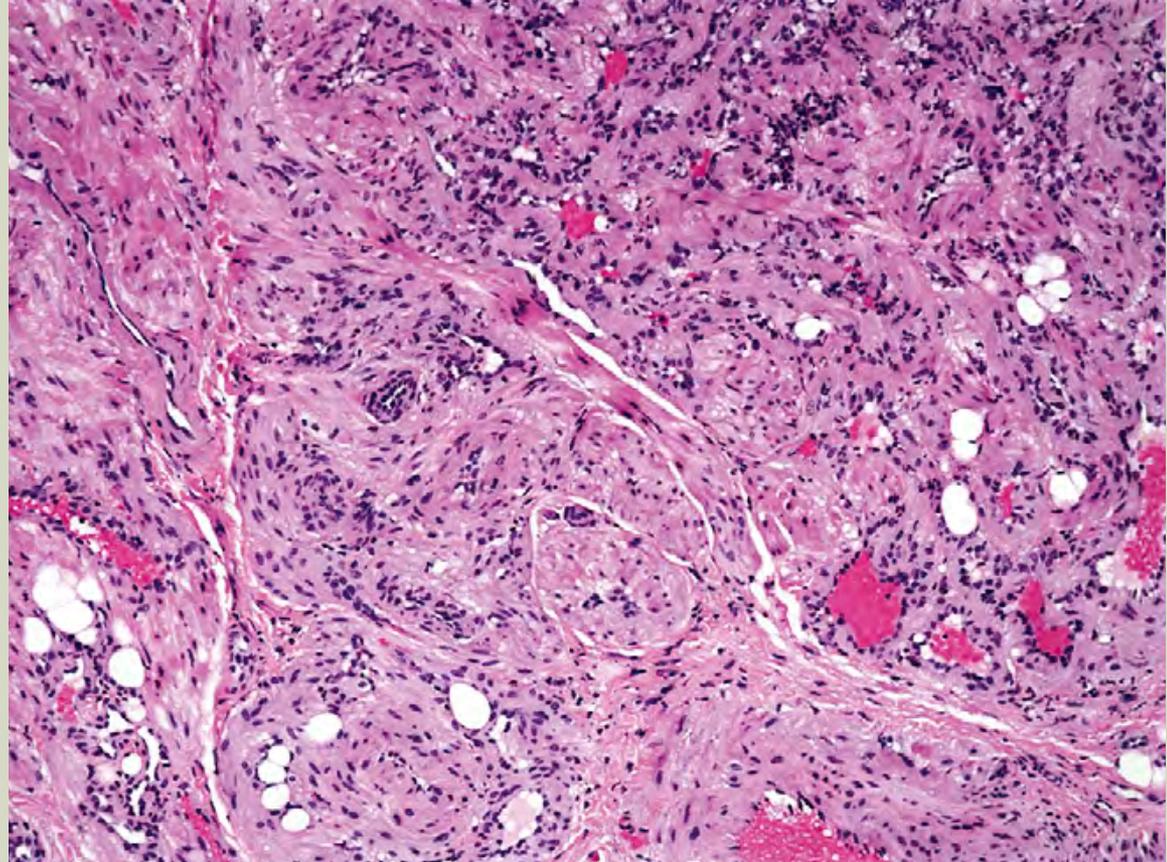
# ANGIOLEIOMIOMA

- Nódulo solitario
- Vasos de paredes finas entremezclados con...
- Fascículos desorganizados de células fusiformes de músculo liso
- IHQ

**Expresan**

**Actina ms liso**

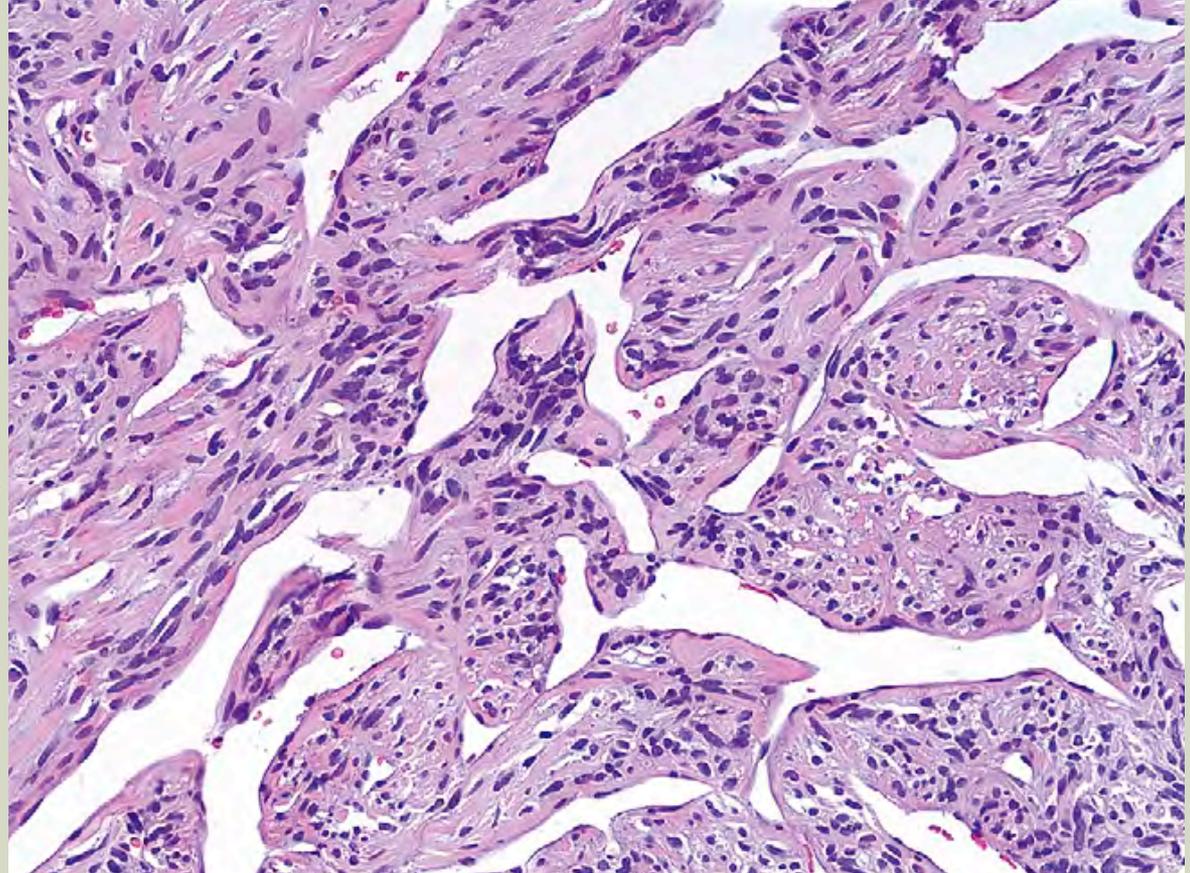
**Desmina**



*(Folpe, A. L., & Inwards, C. Y. (2010). Bone and Soft Tissue Pathology (J. R. Goldblum, Ed.). Philadelphia, PA: Saunders Elsevier)*

# HEMANGIOPERICITOMA

- Multinodulares
- Vasos en patrón de asta de ciervo
- Células fusiformes alrededor de los vasos
- IHQ



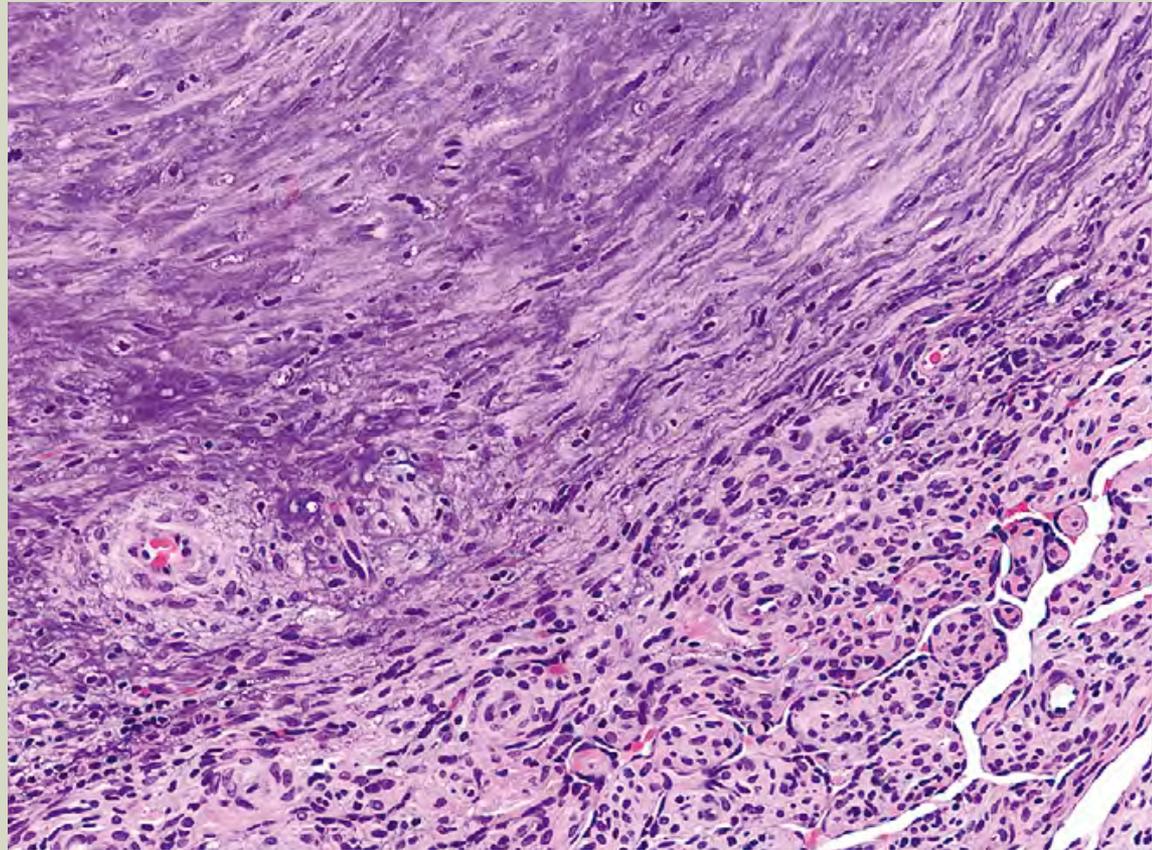
*(Folpe, A. L., & Inwards, C. Y. (2010). Bone and Soft Tissue Pathology (J. R. Goldblum, Ed.). Philadelphia, PA: Saunders Elsevier)*

Expresan	No expresan
CD 34	CK
CD99	Desmina
	CD 117

# MIOFIBROMA

- Bifásico
- Centro: células de hábito pericítico, patrón vascular hemangiopericitoide
- Periferia: hialinizada con áreas mioides
- IHQ

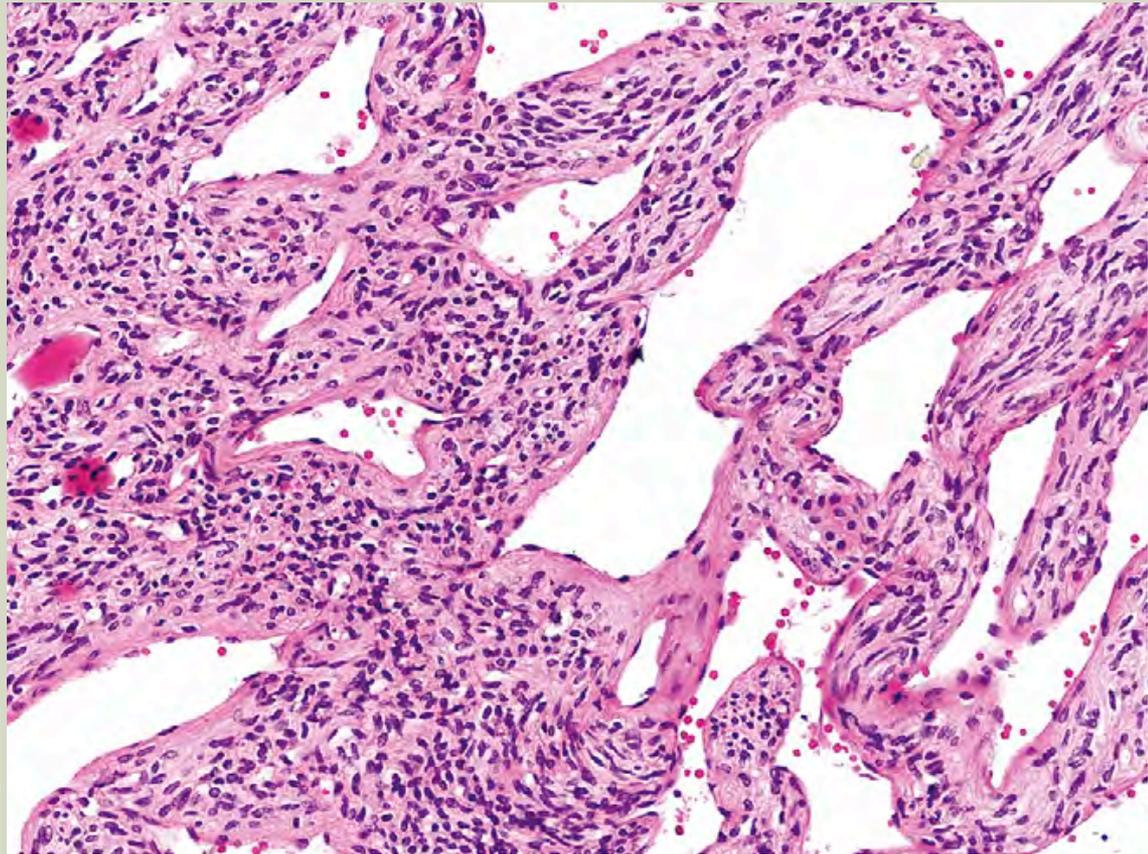
Expresan	No expresan
Actina ms liso	Desmina
	CD 34



*(Folpe, A. L., & Inwards, C. Y. (2010). Bone and Soft Tissue Pathology (J. R. Goldblum, Ed.). Philadelphia, PA: Saunders Elsevier)*

# TUMOR GLÓMICO

- Extremidades
- Músculo liso maduro
- Estructuras vasculares tipo capilar
- Células glómicas



Expresan	No expresan
Actina ms liso	Desmina
Colageno IV	CD 34

(Folpe, A. L., & Inwards, C. Y. (2010). *Bone and Soft Tissue Pathology* (J. R. Goldblum, Ed.). Philadelphia, PA: Saunders Elsevier)

# MIOPERICITOMA

- Infrecuente
- Nódulo indoloro
- Dermis
- EEII



JOURNAL OF THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK

[Explore this journal >](#)

Case Report

## **Myopericytoma arising adjacent to the common carotid artery: Case report and systematic review of deep located neck myopericytomas**

Héctor M. Prado-Calleros MD [✉](#), David Galarza-Lozano MD, José R. Arrieta-Gómez MD, Alejandro Pombo-Nava MD, Sara Parraguirre-Martínez MD, Carlos Jiménez Gutiérrez MD

First published: 7 April 2016

DOI: 10.1002/hed.24455 [v](#)

[Ear Nose Throat J.](#) 2017 Oct-Nov;96(10-11):E5-E7.

## **Myopericytoma of the neck originating in the middle scalene muscle: A case report.**

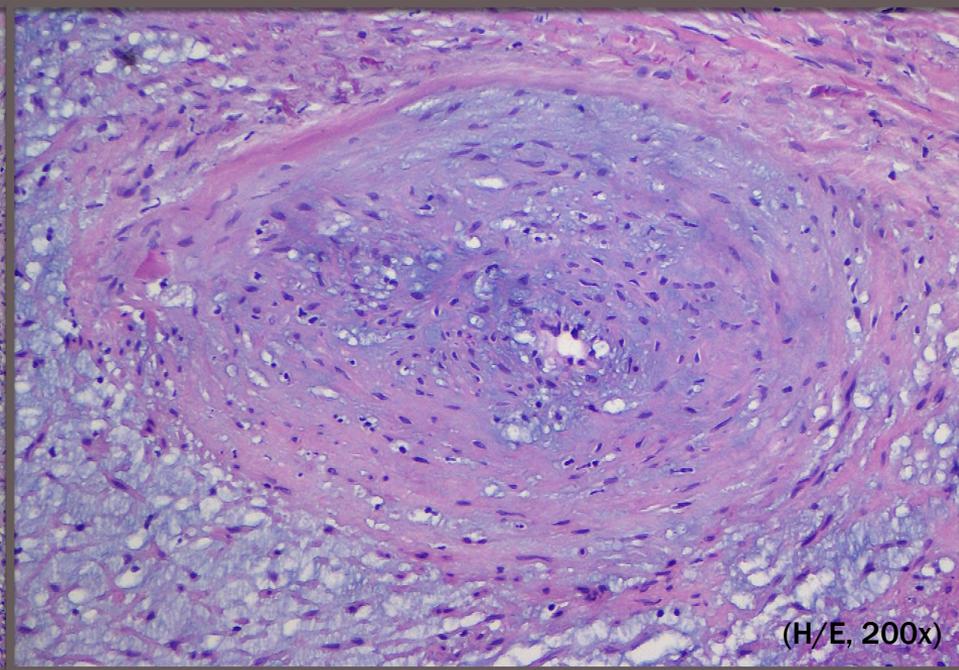
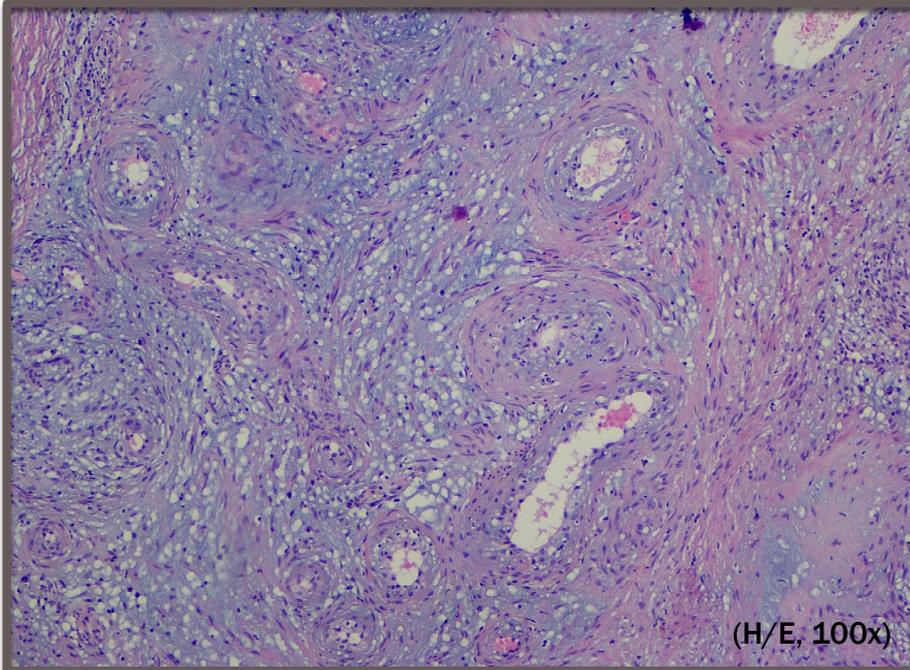
[Chaskes MB](#)<sup>1</sup>, [Bishop JW](#), [Bobinski M](#), [Farwell DG](#).

# MIOPERICITOMA

## Puntos clave

- Células mioides fusocelulares

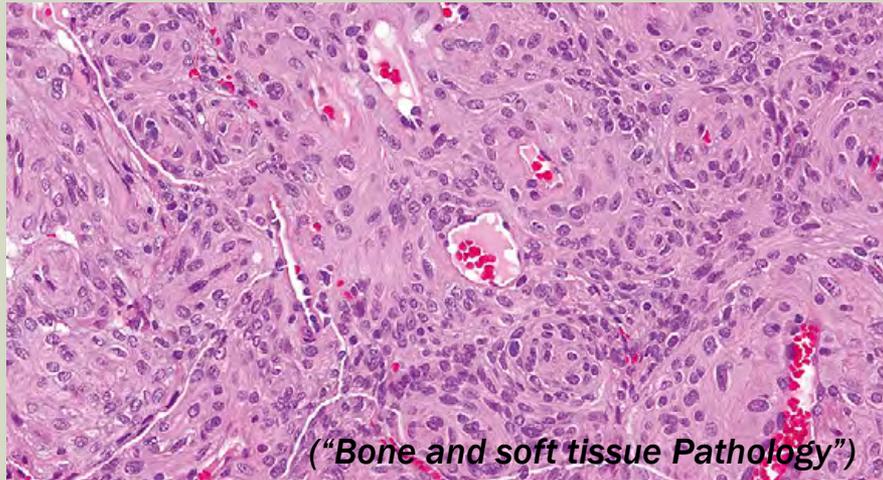
- Capas de cebolla



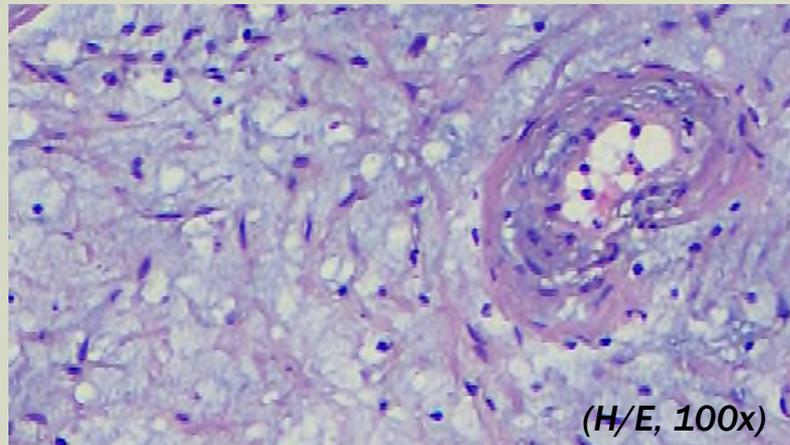
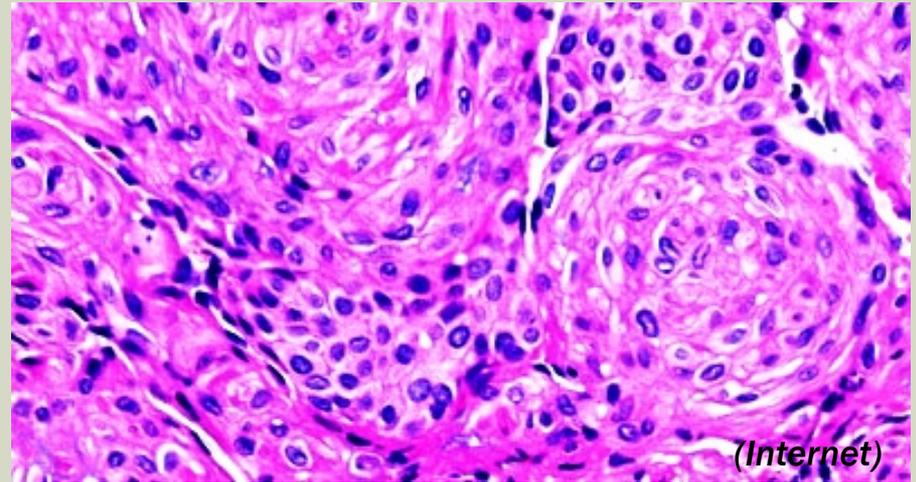
+ Patrón vascular en asta de ciervo

# MIOPERICITOMA

“Bolas mioides”



Glomangiopericytoma



Áreas mixoides

# MIOPERICITOMA

- IHQ:

EXPRESAN	NO EXPRESAN
Actina ms liso	Desmina
h-Caldesmon	CD34/CD31

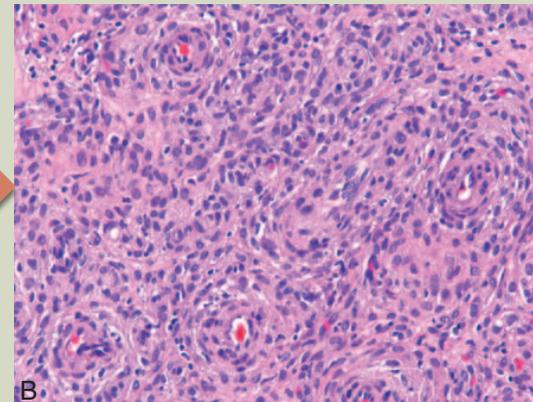
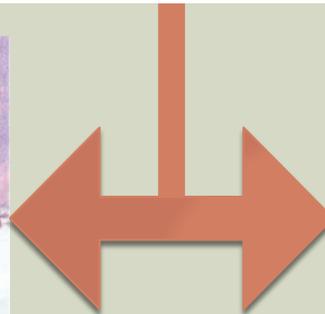
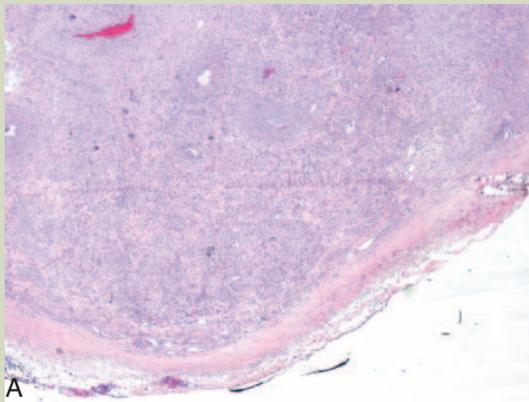
# MIOPERICITOMA

- Variante intravasascular

---

## Intravascular Myopericytoma in the Heel: Case Report and Literature Review

*José Valero, PhD, José L. Salcini, PhD, Luis Gordillo, PhD, José Gallart, PhD, David Gonzalez, Graduate, Javier Deus, MD, PhD, and Manuel Lahoz, MD, PhD*



# MIOPERICITOMA

- Variante maligna:
  - Atípia citológica
  - Alto recuento de mitosis
  - Invasión de tejidos adyacentes

The American Journal of Dermatopathology. 38(4):307–311, APR 2016  
DOI: 10.1097/DAD.0000000000000463, PMID: 26863056  
Issn Print: 0193-1091  
Publication Date: 2016/04/01

## Malignant Myopericytoma: Report of a New Case and Review of the Literature

Agostini Patrick; Luís Soares-de-Almeida; Kutzner Heinz

DOI: <http://dx.doi.org/10.21699/ajcr.v7i3.421>

### CASE REPORT

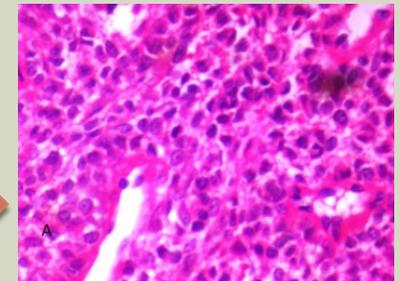
#### Malignant Myopericytoma of Shoulder: A Rare Lesion

Fariba Binesh,<sup>1\*</sup> Reza Nafisi Moghadam,<sup>2</sup> Masoud Shabani,<sup>3</sup> Mohammad Reza Mortazavizadeh,<sup>4</sup> Saeedeh Zare<sup>2</sup>

#### ABSTRACT

Myopericytoma is a soft tissue tumor with perivascular myoid differentiation. It accounts for 1% of the vascular tumors and involves mostly cutaneous or subcutaneous tissue of the limbs in adults. Malignant myopericytoma is exceedingly rare. A 15-year old girl presented with slowly progressive mass over left shoulder region. Histopathology and immunohistochemistry after complete excision revealed it as malignant myopericytoma.

**Key words:** Myopericytoma; Malignant; Rare tumor



# MIOPERICITOMA

- Origen en los pericitos
- 1992: Descrito por primera vez por Dictor et al.
- 1998: Denominado Miopericitoma por Granter et al.
- 2002: Oficialmente reconocido por la WHO.
- Tumor glómico – Miofibroma - Miopericitoma

## Case Studies

---

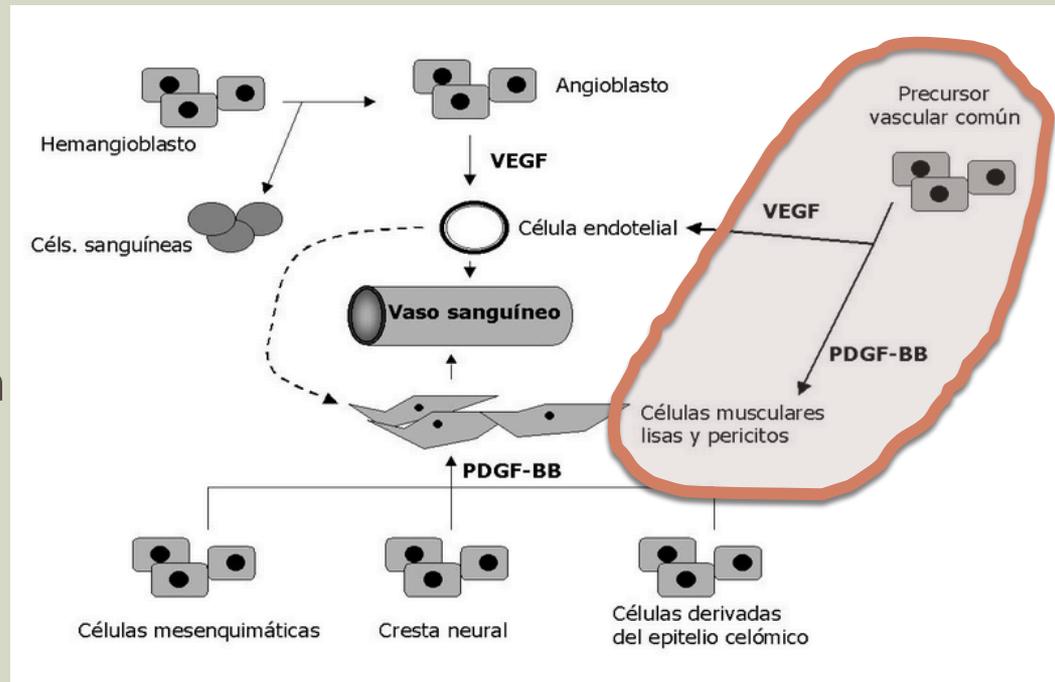
### **Cutaneous Myopericytoma: A Report of 3 Cases and Review of the Literature**

Phyu P. Aung<sup>a</sup> Lynne J. Goldberg<sup>b</sup> Meera Mahalingam<sup>b</sup> Jag Bhawan<sup>b</sup>

<sup>a</sup>Dermatopathology Section, Department of Pathology, MD Anderson Cancer Center, Houston, Tex., and <sup>b</sup>Dermatopathology Section, Department of Dermatology, Boston University School of Medicine, Boston, Mass., USA

# PERICITOS

- Localizados en el endotelio
- Comparten características con células musculares lisas (células de músc. liso modificadas)
- Función estructural
- Regulan presión arterial
- Capacidad de diferenciación



# MIOPERICITOMA

- Tratamiento de elección: Escisión de la lesión
  
- Pronóstico excelente

The American Journal of Surgical Pathology. 30(1):104-13, JAN 2006

PMID: [16330949](#)

MEDLINE Status: MEDLINE

Issn Print: 0147-5185

## **Myopericytoma of skin and soft tissues: clinicopathologic and immunohistochemical study of 54 cases.**

Thomas Mentzel; Angelo P Dei Tos; Zoltan Sapi; Heinz Kutzner

