

Hospital Federal da Lagoa

Apresentação rara de diagnóstico comum

*Camila Freire de Andrade Pinto; Jhonata Luiz Lino de Aquino; Raissa Coelho Andrade;
Maria Cristina Ribeiro de Castro; Flavia de Freire Cassia*

CASO CLÍNICO



Identificação

Paciente feminina
88 anos
trabalhadora rural

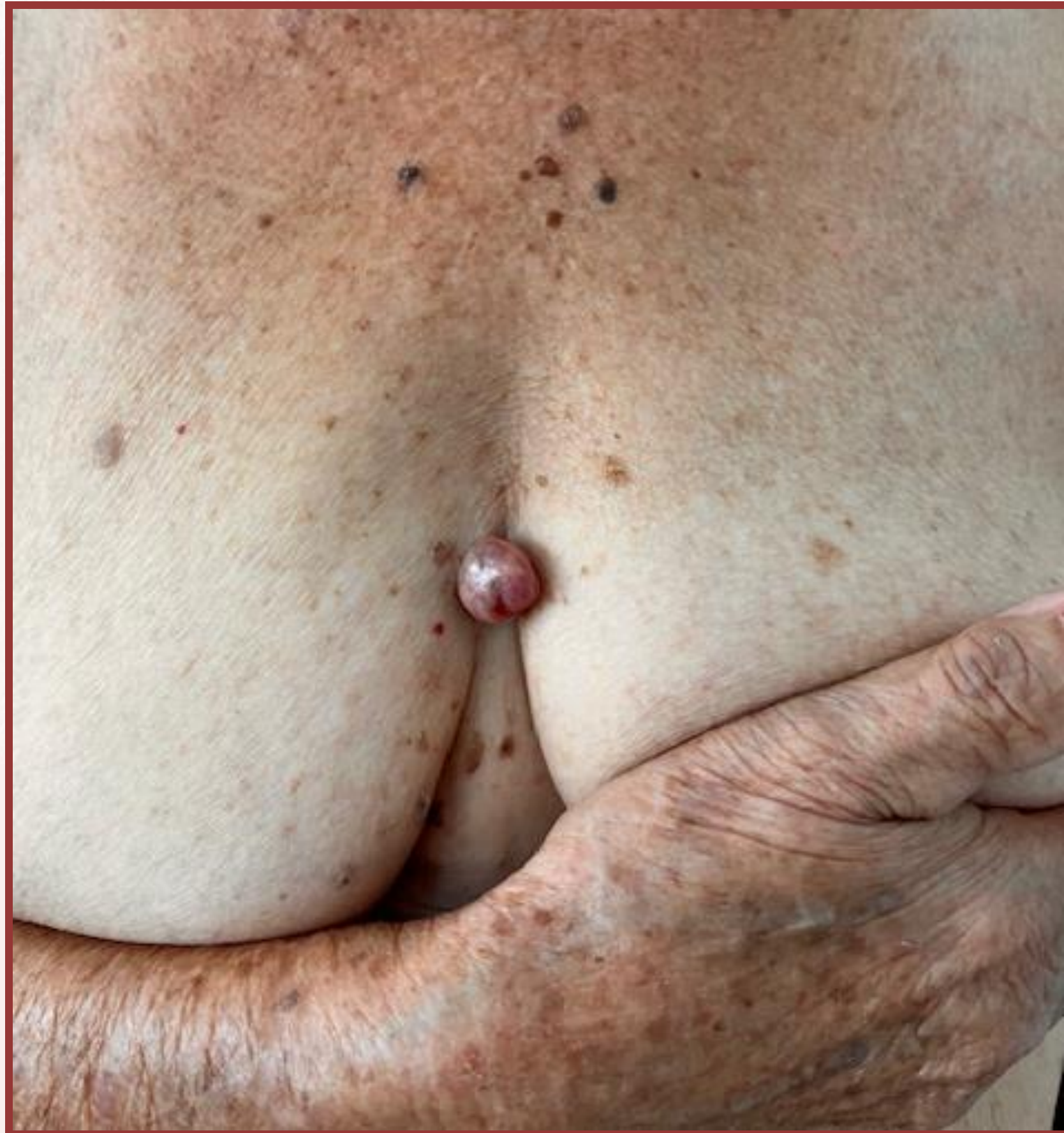
HDA

Encaminhada para
exérese de
“**acrocórdon**” em
região
intermamária.
Surgimento há 2
anos, com
crescimento
progressivo

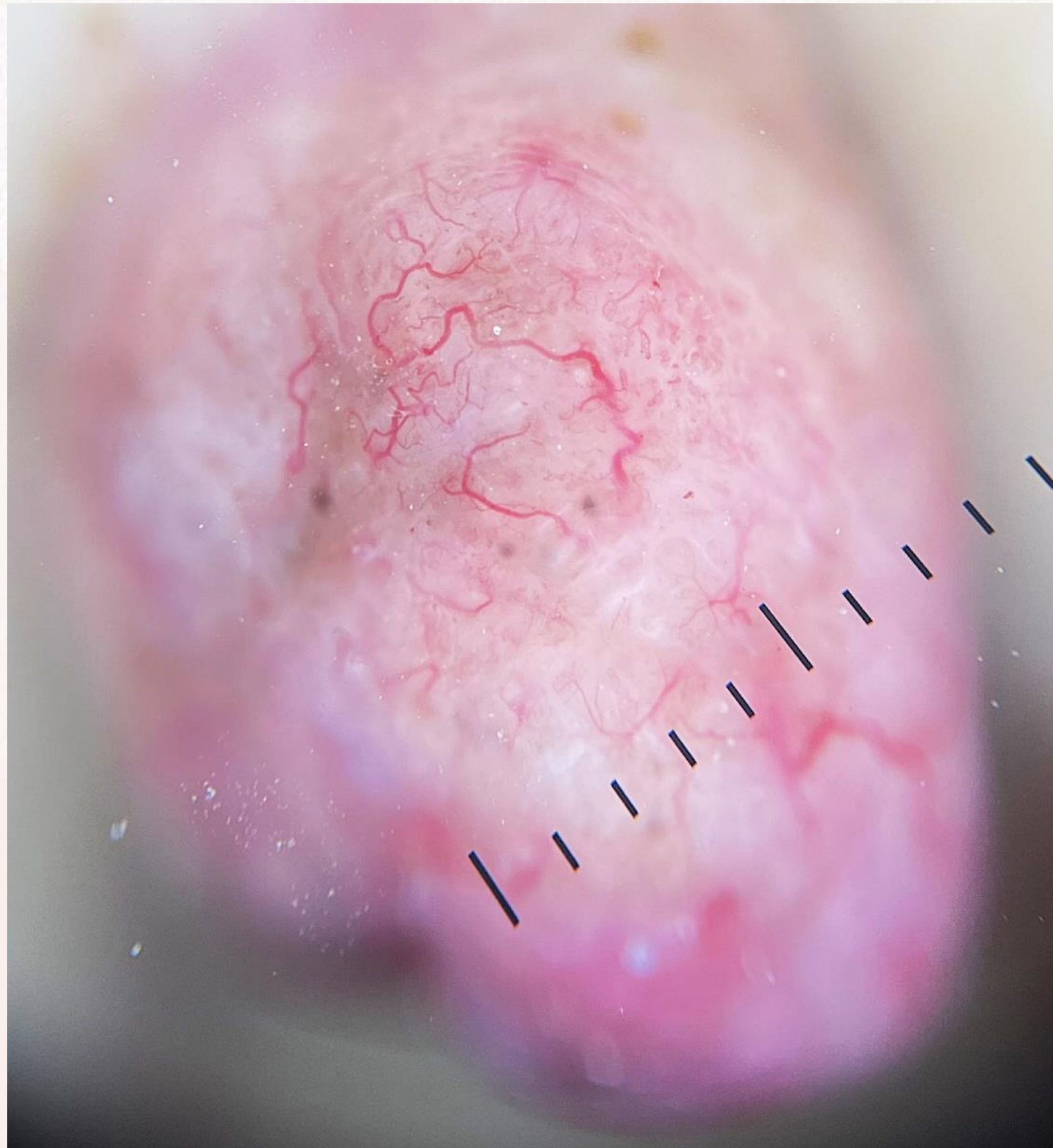
HPP

Exérese prévia de
múltiplos
Carcinomas
Basocelulares

Exame Físico

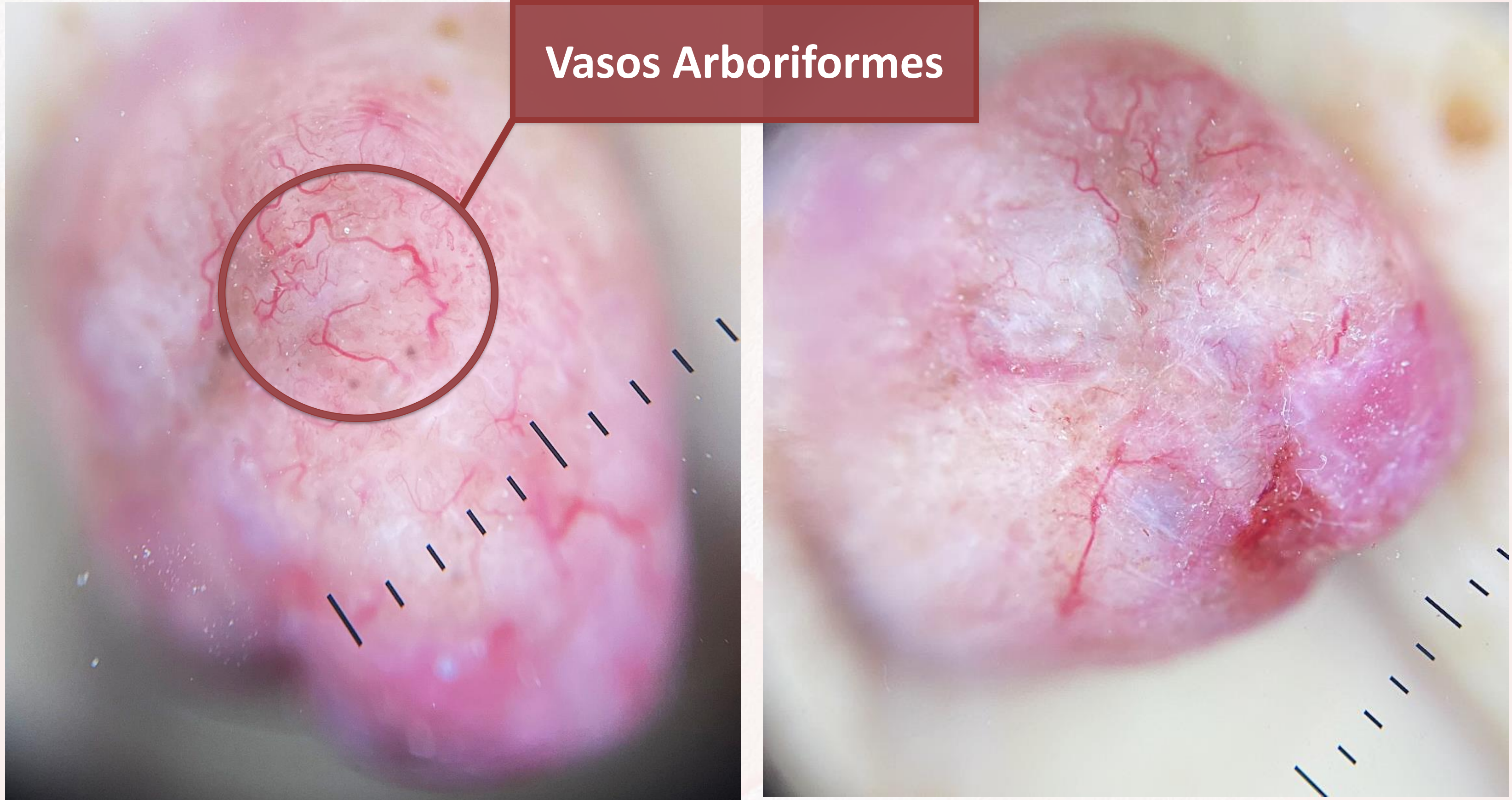


Dermatoscopia



Dermatoscopia

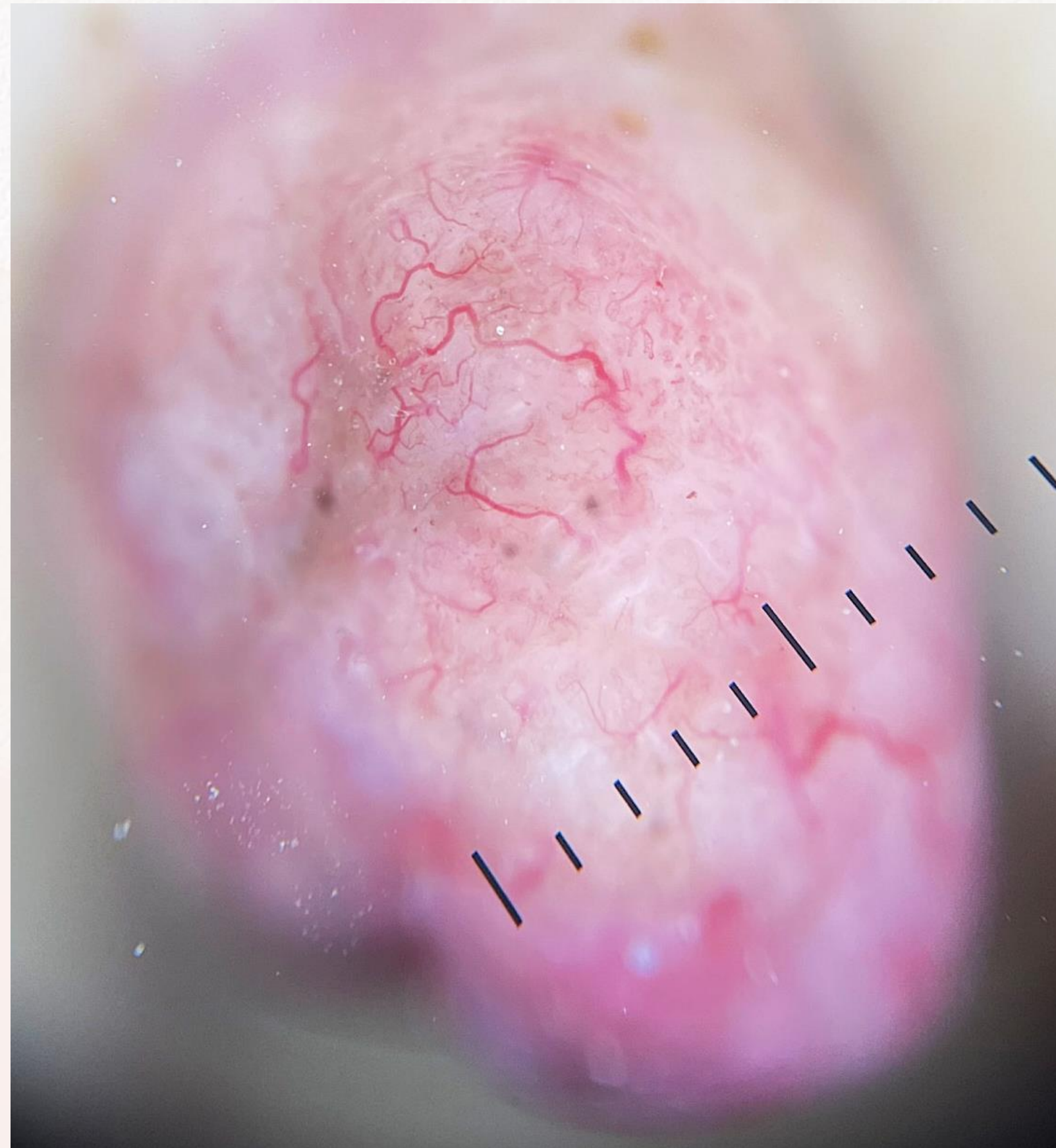
Vasos Arboriformes



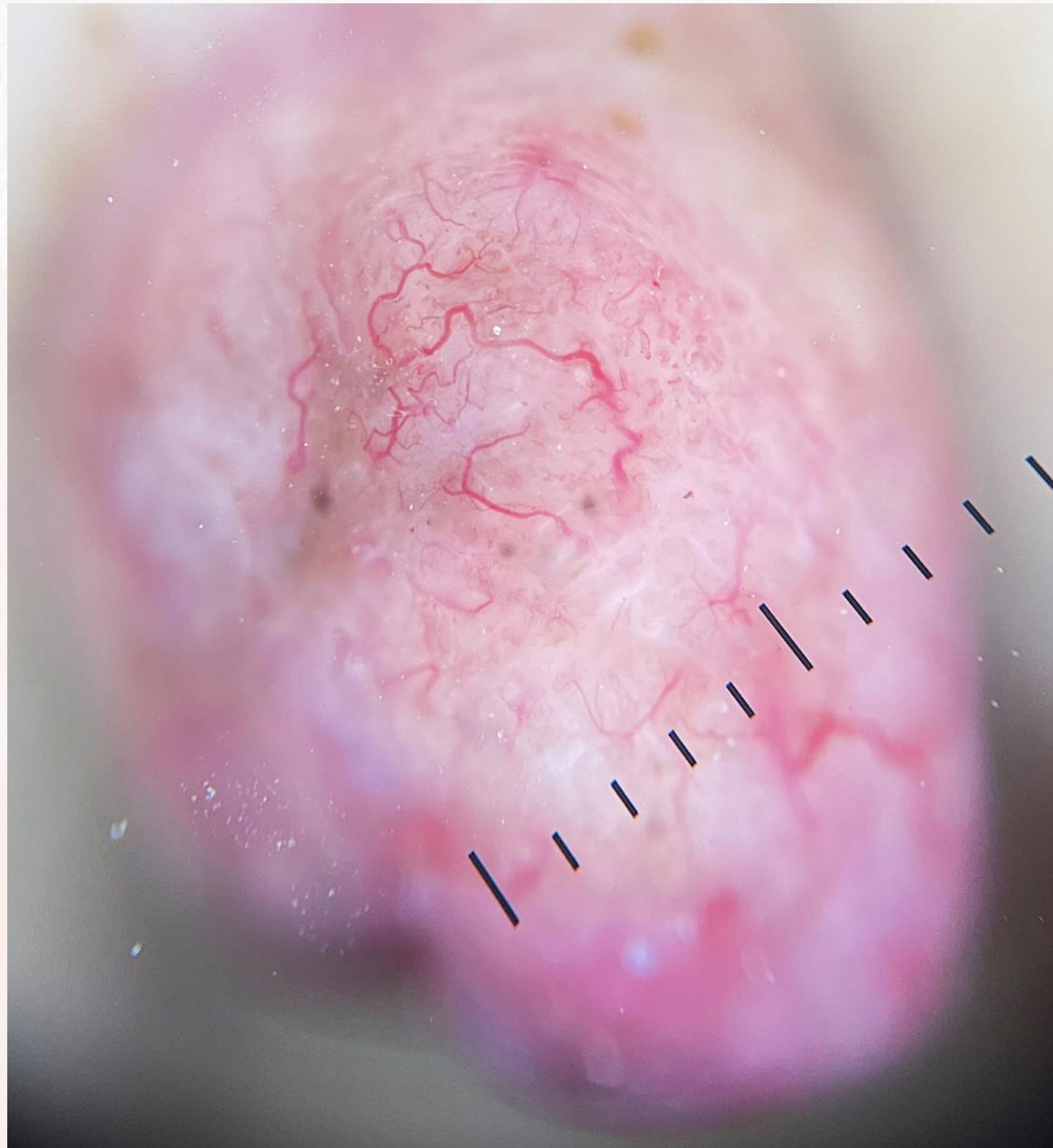
Dermatoscopia



Dermatoscopia



Dermatoscopia



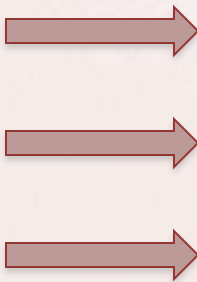
Ulceração

Critérios dermatoscópicos para Carcinoma Basocelular Pigmentado de Menzie et.al

Criterion	Sensitivity, %	Specificity, % ^a
Large blue-gray ovoid nests	55	97/99
Arborizing telangiectasia	52	77/92
Multiple blue-gray globules	27	87/97
Ulceration	27	87/97
Leaflike structures	17	100/100
Spoke-wheel-like structures	10	100/100
Blotches and strands	30	91/95

Data obtained from Menzies et al.⁷

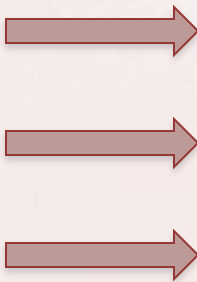
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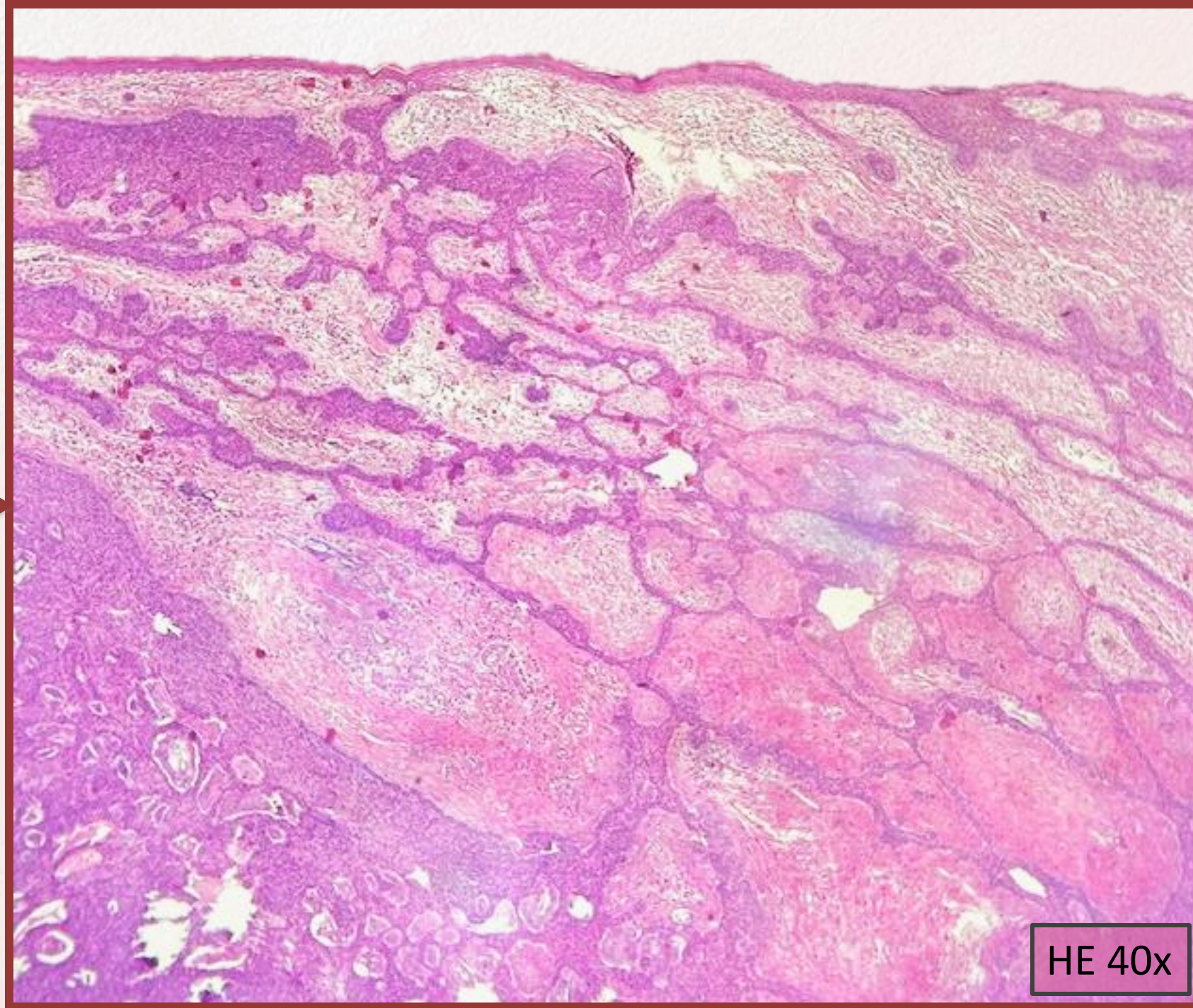
Carcinoma
Basocelular

Conduta

Exérese com margens
de 5 mm

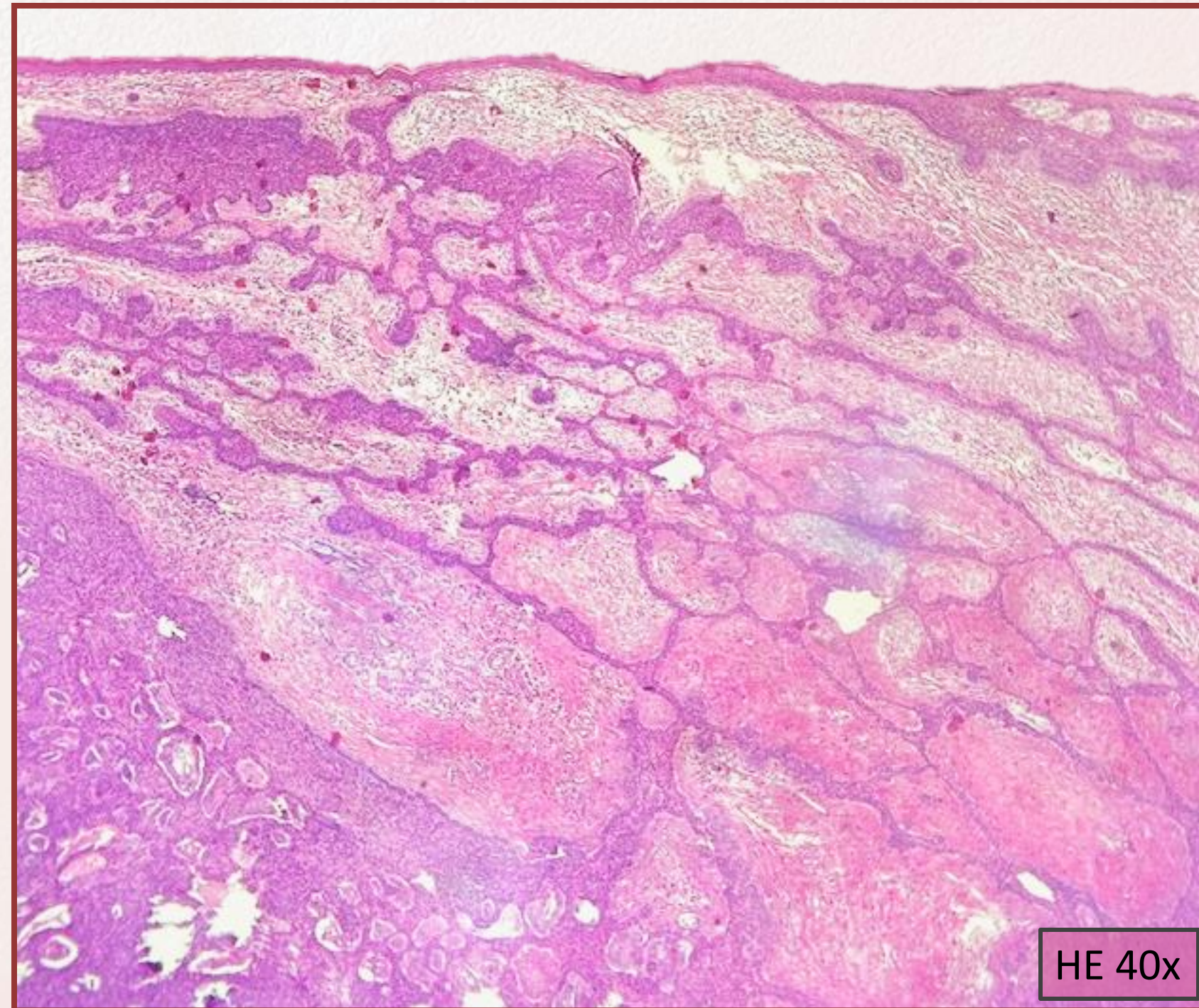


Histopatológico



HE 40x

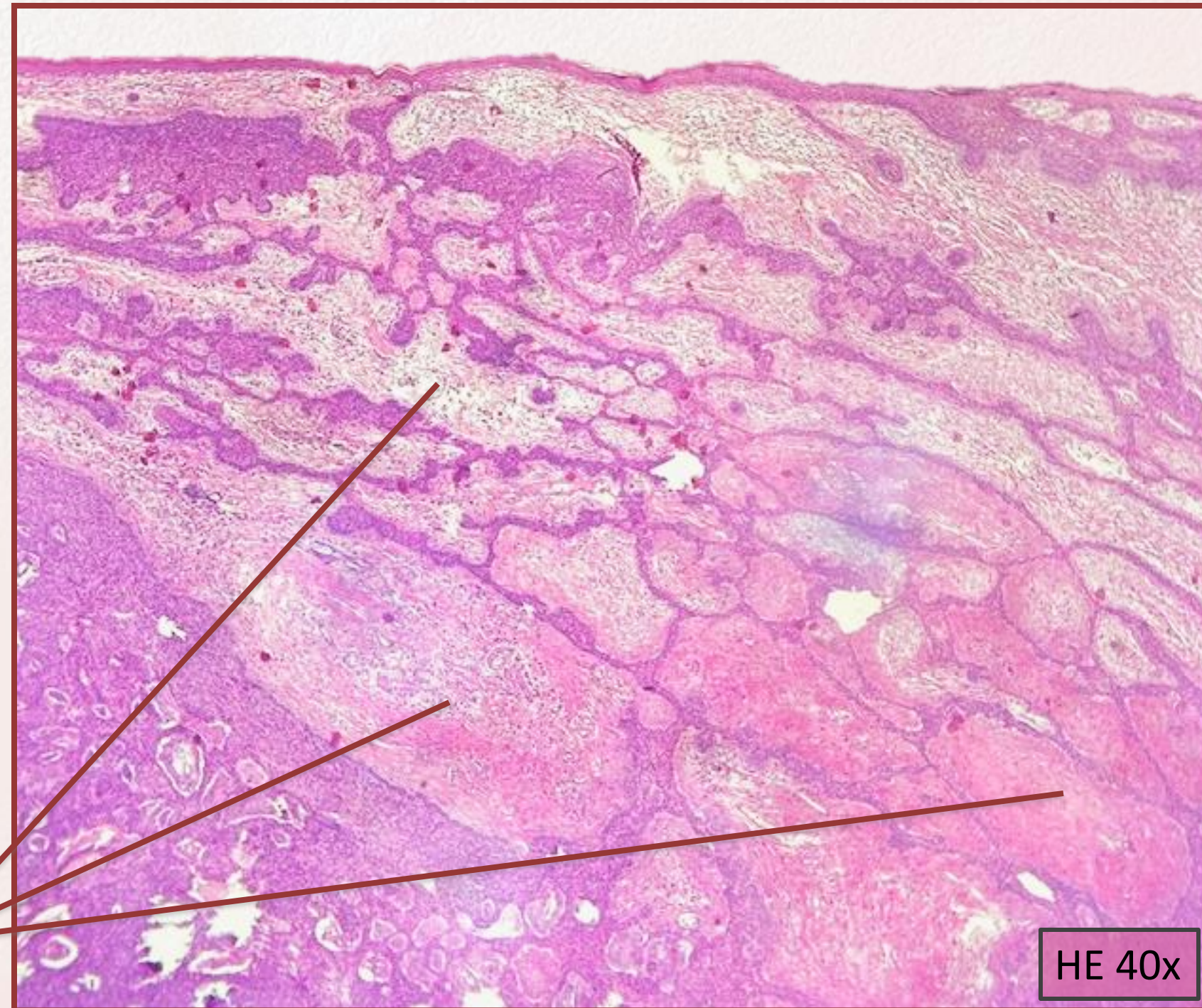
Histopatológico



HE 40x

Cadeias de células
basalóides com
projeção dérmica em
padrão fenestrado
anastomosado

Histopatológico

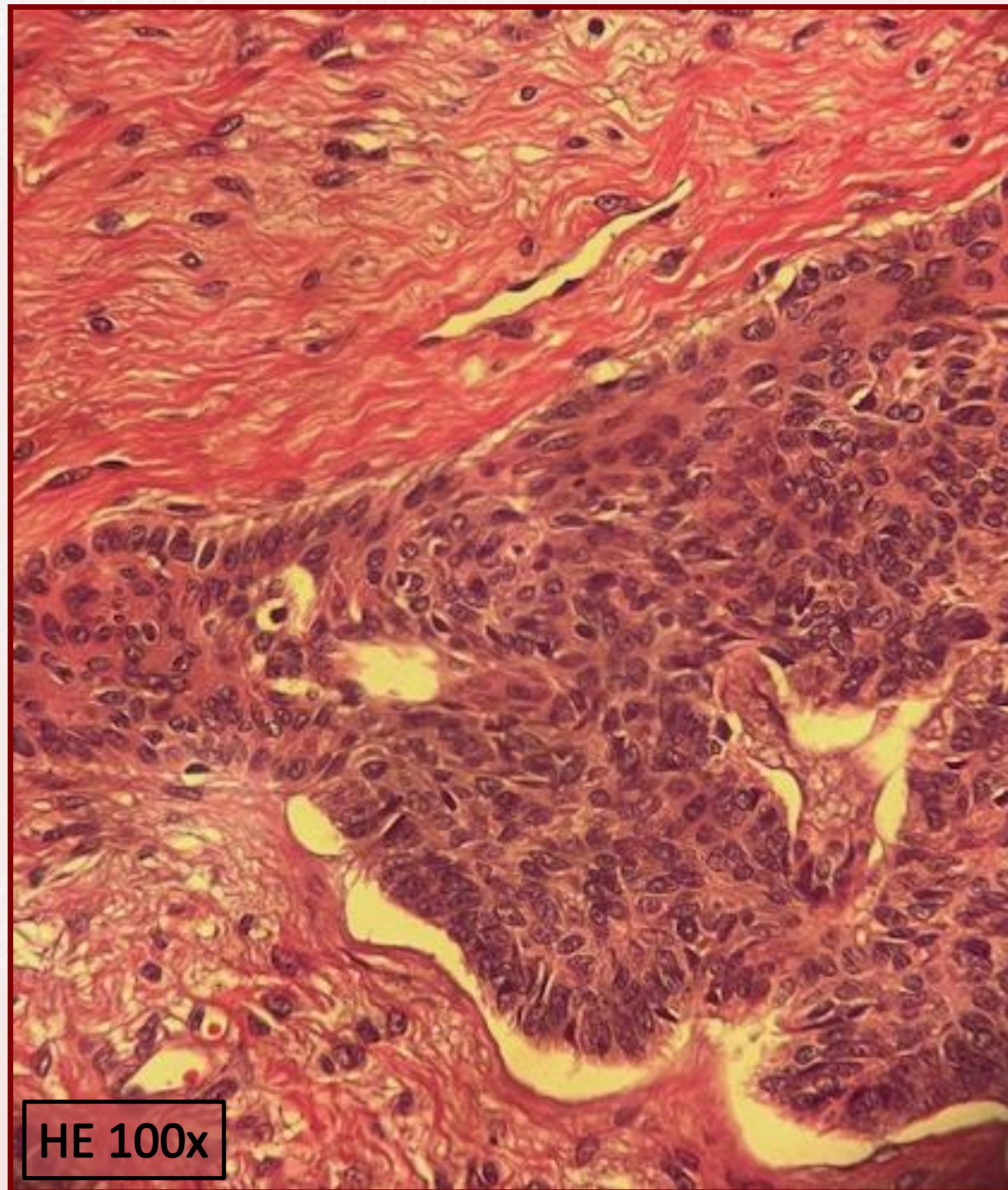
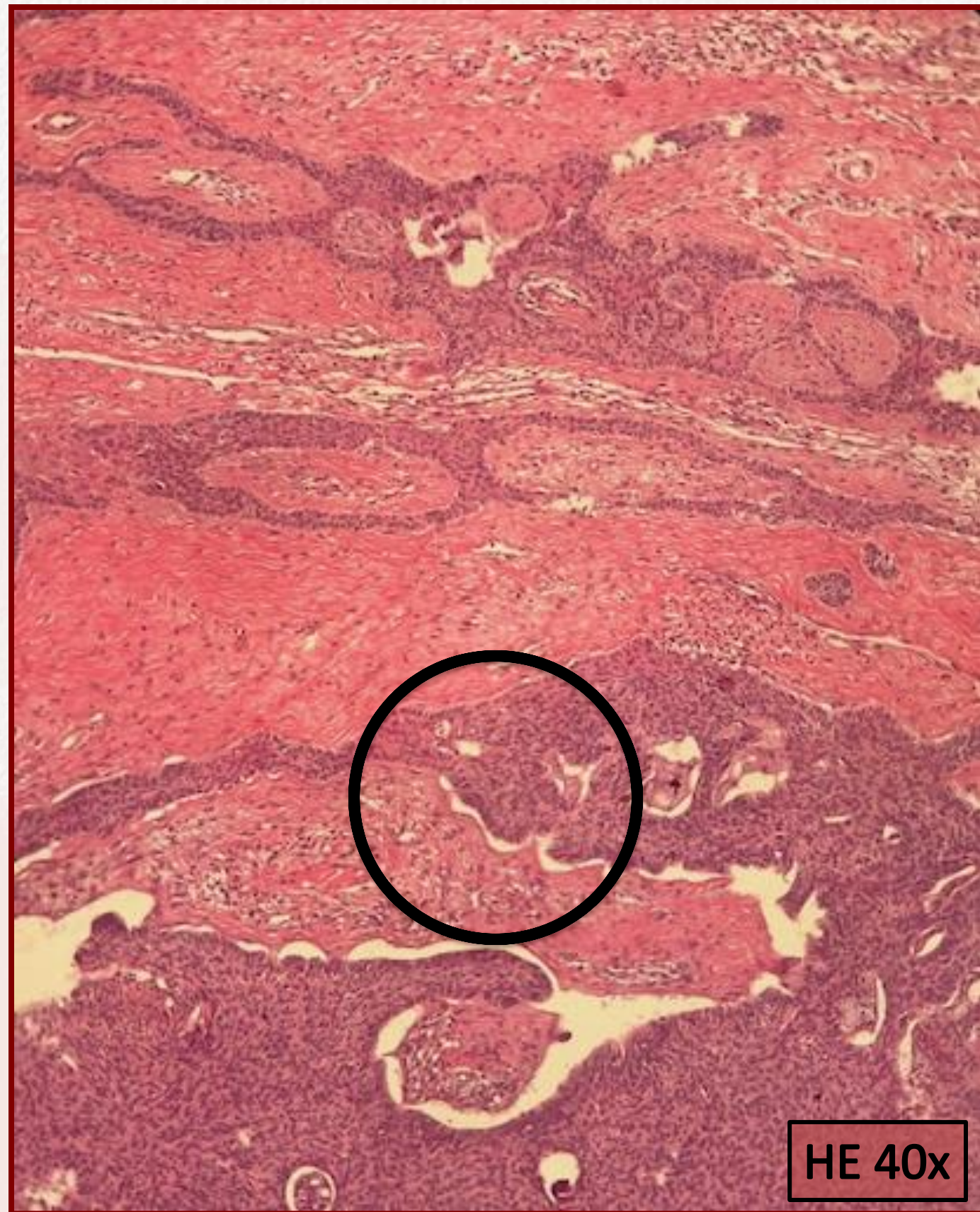


Envoltos em
abundante
estroma fibroso

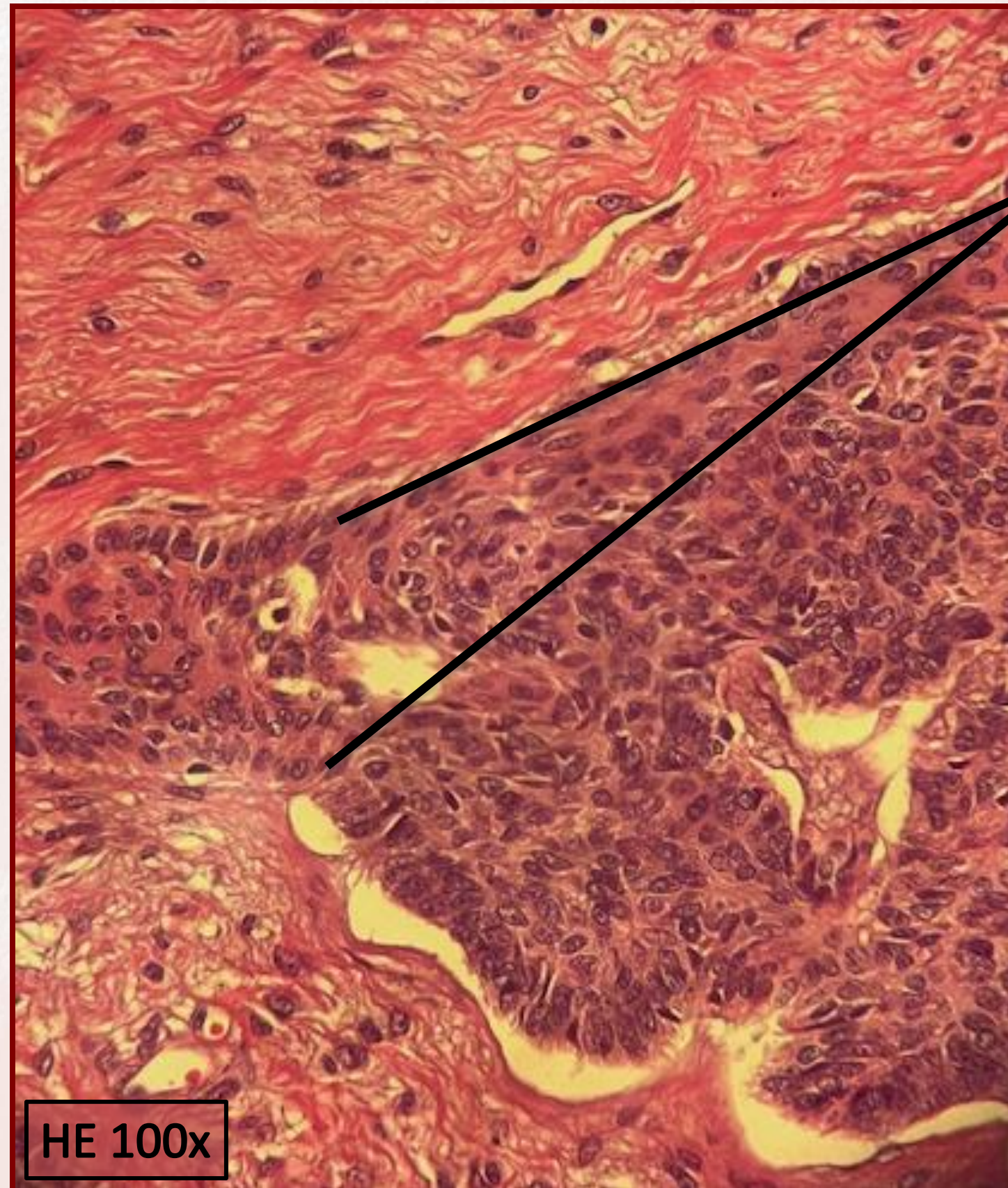
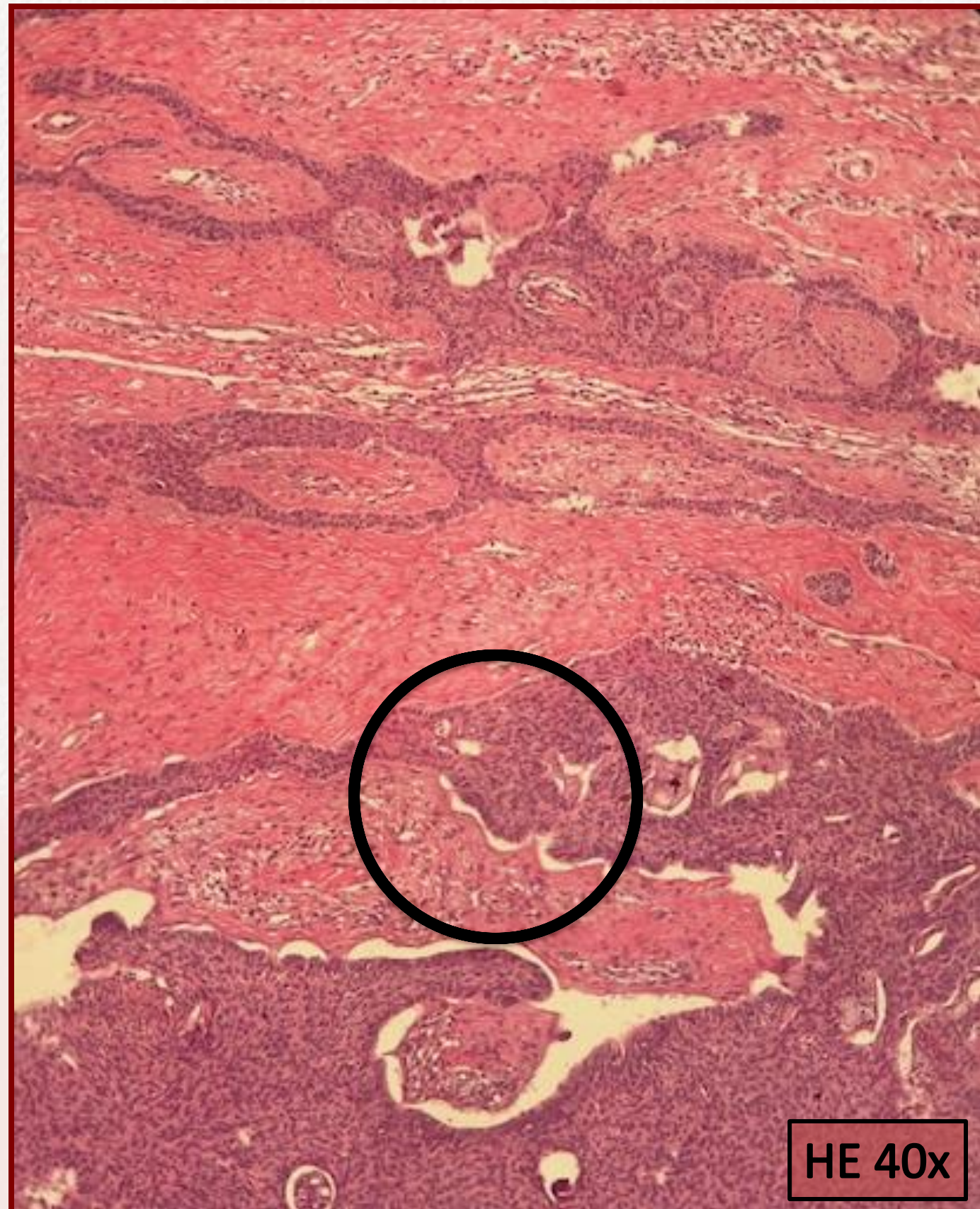
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anastomosado

HE 40x

Histopatológico

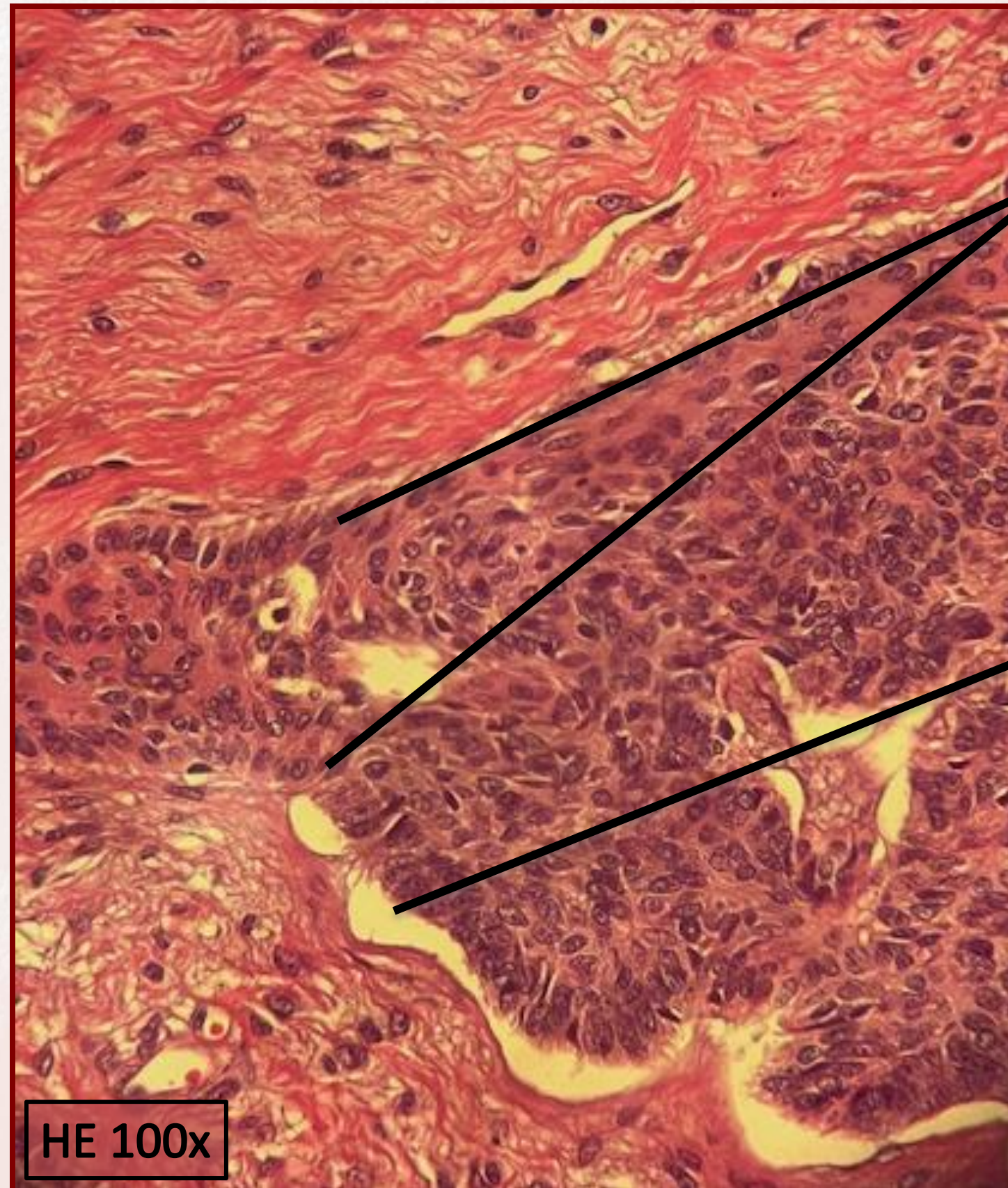
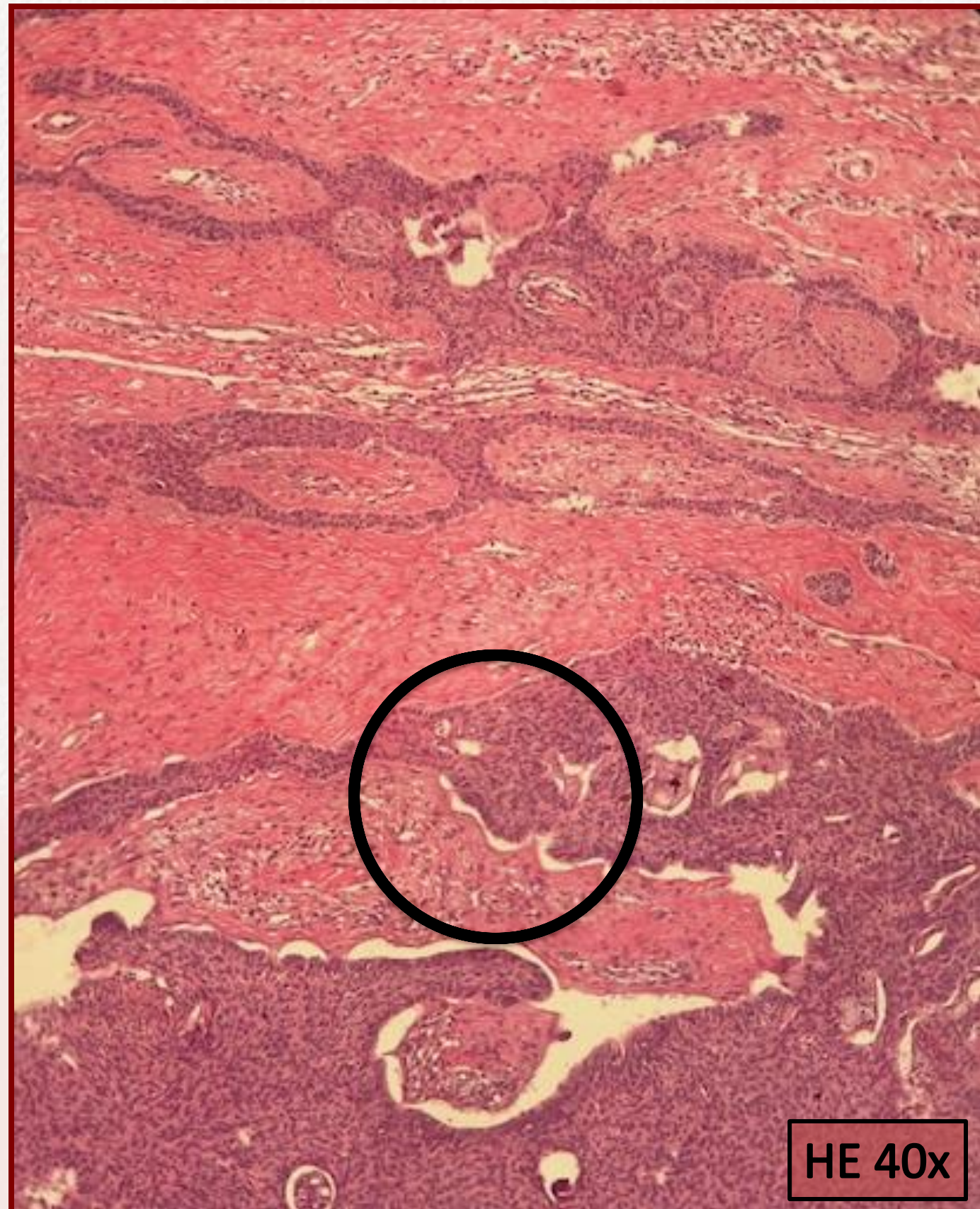


Histopatológico



Células basalóides
em paliçada
periférica

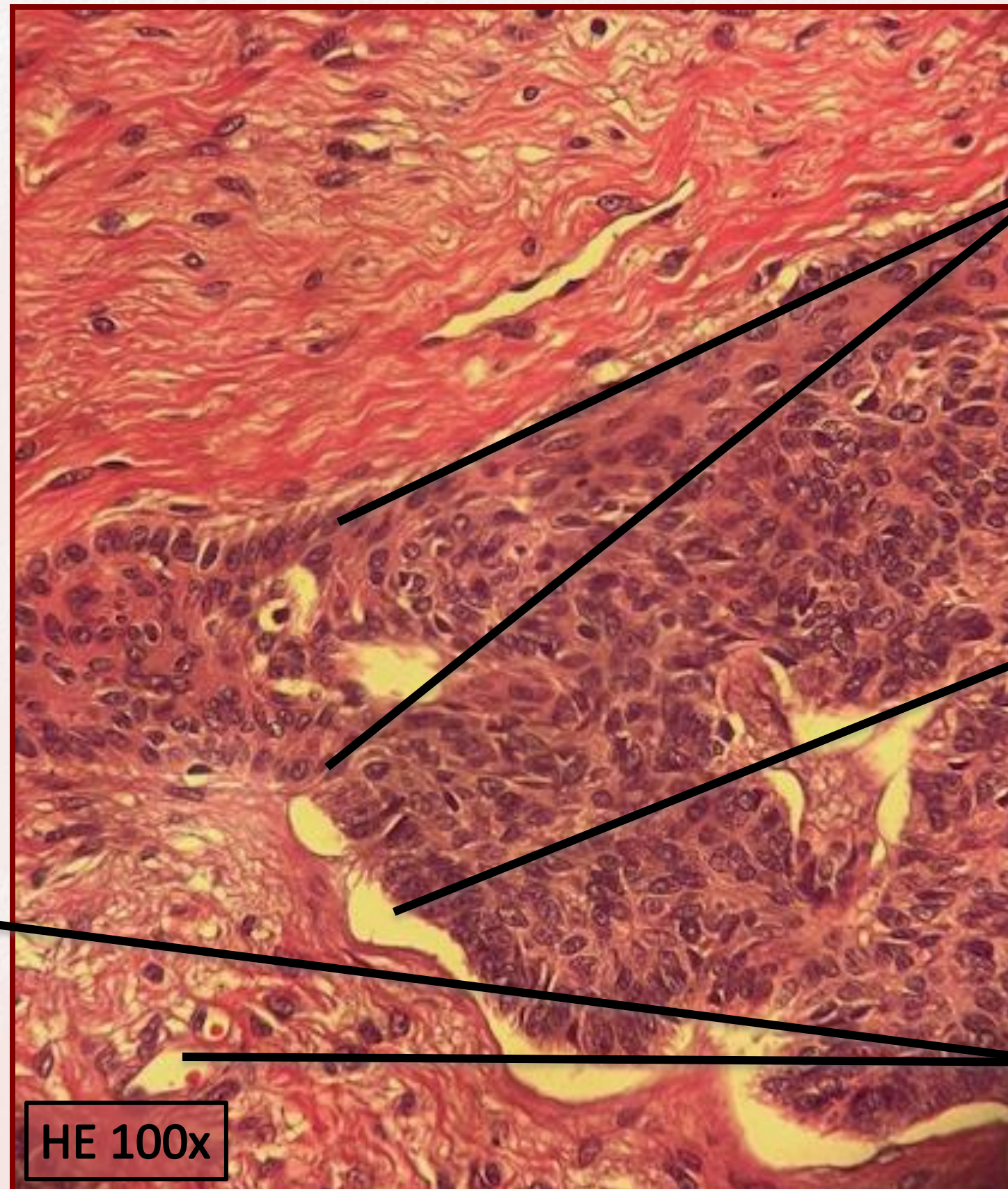
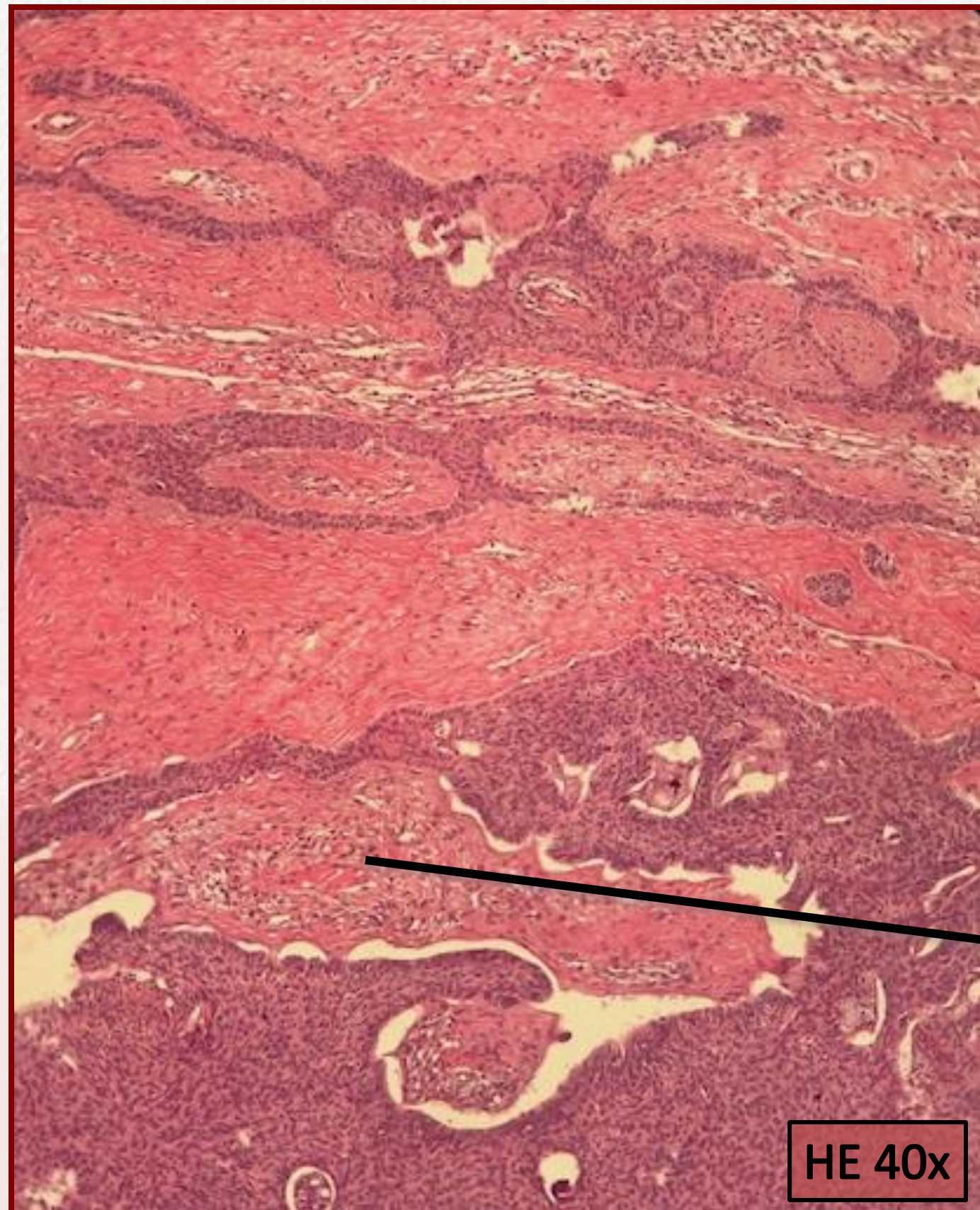
Histopatológico



Células basalóides
em paliçada
periférica

Retração estromal

Histopatológico



Células basalóides
em paliçada
periférica

Retração estromal

Estroma
fibrocelular



Histopatologia



Dermatoscopia



História Clínica

Fibroepitelioma de Pinkus

Nomenclatura e Classificação

1953

Hermann Pinkus

900 Tumores Epiteliais



4 (0,44%) Fibroepitelioma

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**Fibroepitelioma
pré-maligno**

Nomenclatura e Classificação

1965

EPITHELIAL AND FIBROEPITHELIAL TUMORS *

HERMANN PINKUS

Professor and Chairman, Department of Dermatology
Wayne State University School of Medicine, Detroit, Mich.

Premalignant fibroepithelial tumors are closely related to superficial basal cell epithelioma of the trunk with which they are often associated. The latter always forms a plate in which epithelial nests are

Yet in some instances the neoplastic epithelium eventually gains the upper hand, the epithelial formations become more massive, and the tumor may transform into an ulcerating basal cell epithelioma of rodent ulcer type. This was the reason for calling these fibroepithelial tumors

Nomenclatura e Classificação

1965

EPITHELIAL AND FIBROEPITHELIAL TUMORS*

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Subtipo de
Carcinoma
Basocelular

Nomenclatura e Classificação

1997

Hartschuh et. al

Merkel cell hyperplasia in chronic radiation-damaged skin: its possible relationship to fibroepithelioma of Pinkus

Wolfgang Hartschuh, Tilman Schulz

Journal of cutaneous pathology 24 (8), 477-483, 1997

19 Fibroepitelioma de Pinkus

100% Células de
Merkel

85% CK20+

Nomenclatura e Classificação

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Merkel cell hyperplasia in chronic radiation-damaged skin: its possible relationship to fibroepithelioma of Pinkus

Wolfgang Hartschuh, Tilman Schulz

Journal of cutaneous pathology 24 (8), 477-483, 1997

**Subtipo de
Tricoblastoma**

Nomenclatura e Classificação

2005

Bowen et. al



Fibroepithelioma of Pinkus Is a Fenestrated Trichoblastoma

Bowen, Anneli R MD; LeBoit, Philip E MD

April 2005.

Nomenclatura e Classificação

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April 2005.

114 Fibroepiteliomas de Pinkus

54% em mulheres

Tronco e extremidades

Pouca expressão de p53 e MIB-1

BCC subtypes	Description
Superficial (Variants: Pigmented)	Superficial BCC has multiple, small buds of basaloid cells descending from the epidermis with no dermal invasion
Nodular (Variants: Pigmented, Cystic, Adenoid, Keratotic)	Nodular BCCs are composed of islands of cells with peripheral palisading and a haphazard arrangement of the more central cells. Ulceration may be present in larger lesions
Micronodular	The micronodular subtype has histologic features similar to those of the nodular subtype, except that it is composed of multiple small nodules. The micronodular type has a much greater risk for local recurrence than the solid type
Infiltrating	Infiltrating BCC is a subtype composed mainly of chords of thin nests of tumor cells (with a thickness > 5-8 cells) which infiltrate deeply, with angulated edge and have an irregular, permeating invasion pattern
Sclerosing/Morpheic	The sclerosing (morphea-like) subtype is composed of spiky, basaloid, thin strands of cells that invade the dermis, surrounded by dense fibrous stroma. When most of the tumor nests have spiky projections, the tumor may invade deeply, referred to as an infiltrative BCC
Metatypical/Basosquamous	Basosquamous or metatypical BCC shows features of both BCC and SCC. The exact nature of this lesion is controversial, but most reserve this term for the rare basal cell carcinoma composed of nests and strands of cells maturing into larger and paler cells without peripheral palisading.
Infundibulocystic/adnexal differentiation	The infundibulocystic variant is uncommon and often found on the face. This variant is a small, well-circumscribed tumor composed of nests of cells arranged in an anastomosing manner with little stroma. Numerous small infundibular cyst-like structures contain keratinous material and sometimes melanin
Fibroepithelial (Pinkus Tumor)	Fibroepithelioma of Pinkus presents as a soft nodular lesion resembling a fibroma or papilloma, commonly on the lower part of the back. It is composed of anastomosing strands and aggregates of basaloid cells surrounded by a fibrous stroma



Epidemiologia e Diagnósticos Diferenciais

Mulheres

4ª e 5ª década de vida

O,2 – 1,4% dos Carcinomas Basocelulares

Table 1 Clinical differential diagnosis of FeP

Acrochordon [20]
Amelanotic melanoma [20, 25, 35]
Compound nevus [20, 36]
Fibroepithelial polyp [35]
Fibrolipoma
Fibroma [34]
Hemangioma [20, 35]
Keloid [34]
Lipofibroma
Lipoma
Neurofibroma [20, 25, 35, 36]
Nevus lipomatosus
Nevus sebaceous [20, 36]
Papillomatous melanocytic nevus [25]
Pedunculated nevus
Pyogenic granuloma [20, 35]
Seborrheic keratosis [20]

FeP fibroepithelioma of Pinkus

Epidemiologia e Diagnósticos Diferenciais

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FeP fibroepithelioma of Pinkus

Apresentação Clínica

Pápula, placa ou nódulo

Normocrômico ou eritematoso

Plana, séssil ou pedunculada

Geralmente único

Tronco e extremidades (Lombossacral)

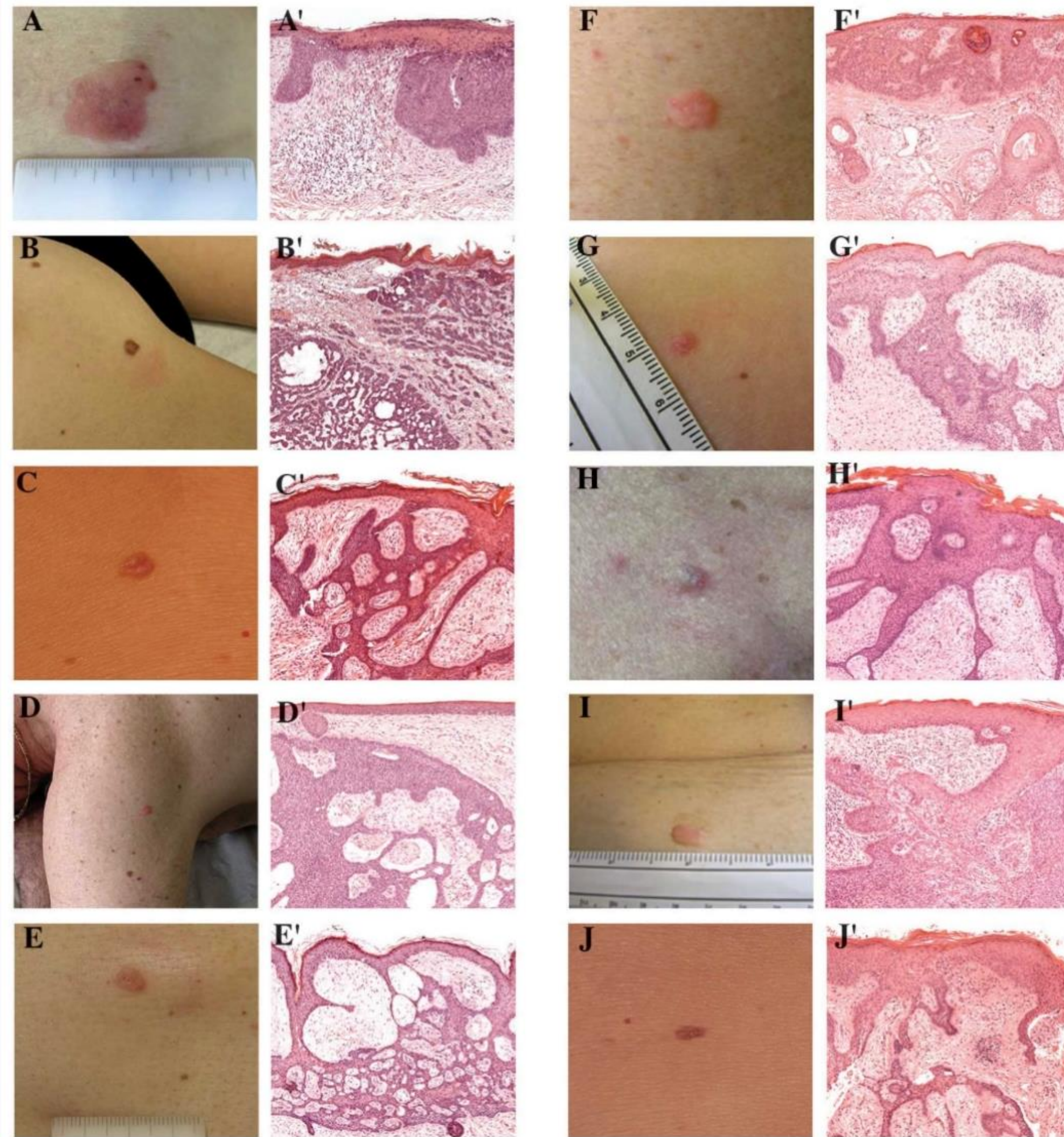


Histopatologia

Cordões de células basalóides em
padrão Fenestrado-Anastomosado

Abundante estroma fibroso

Tridimensional: “Esponjosa” ou
“Favo de Mel”

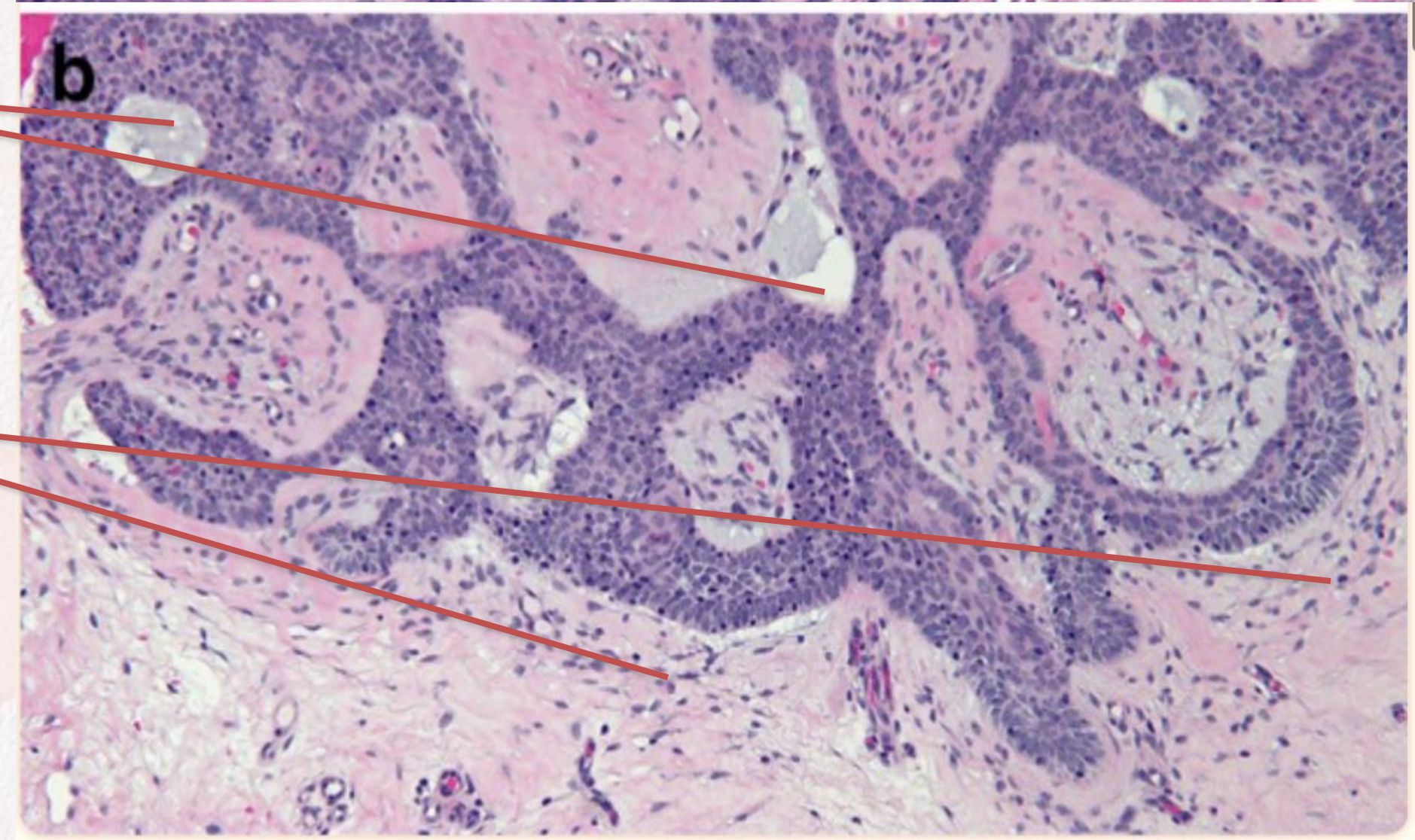
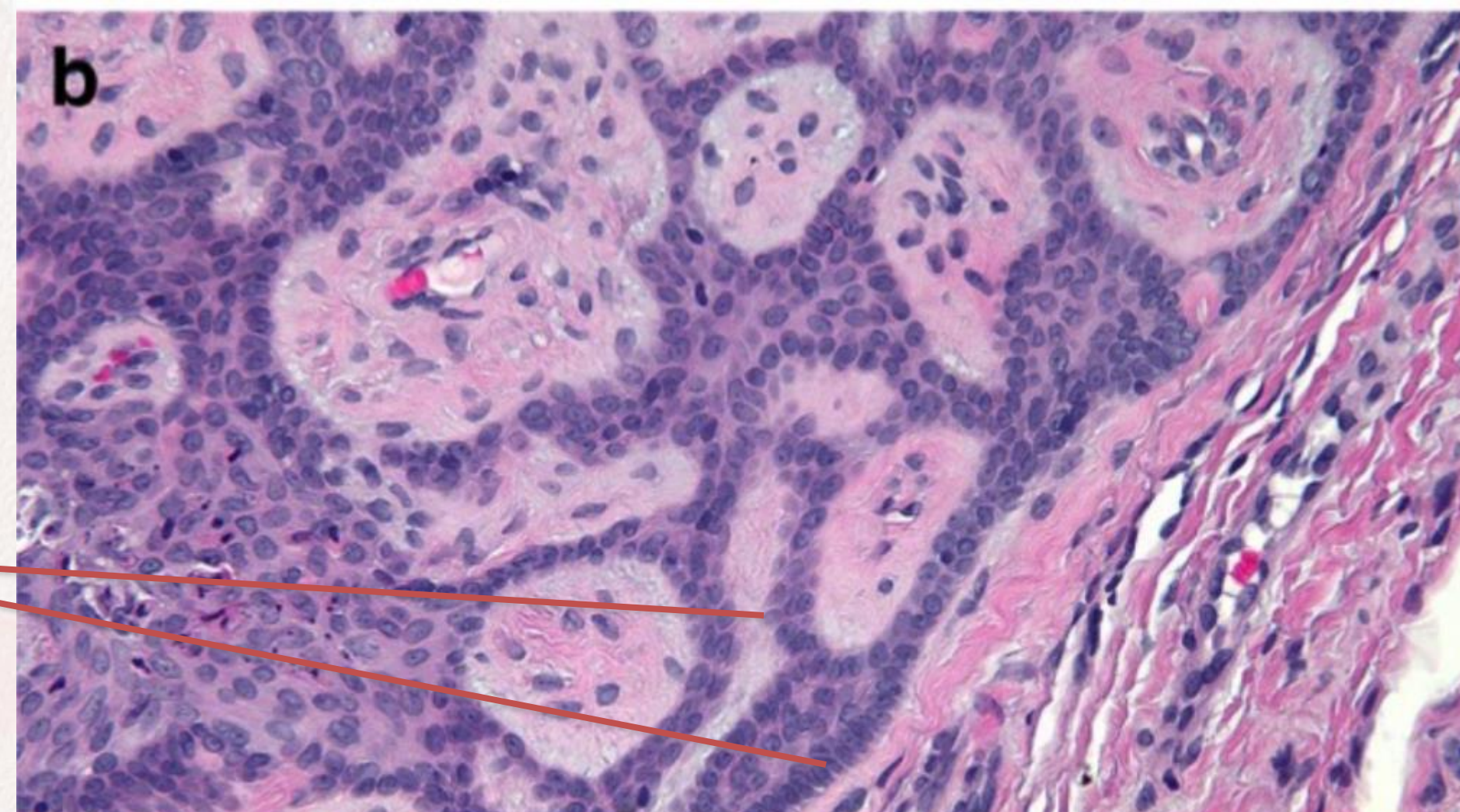


Histopatologia

Paliçada periférica

Retração estromal muitas vezes
preenchida com mucina

Células mesenquimais



Dermatoscopia

Table 2. Dermoscopic Features in Fibroepithelioma of Pinkus

Patient	Fine Arborizing Vessels	Whitish Striae	Dotted Vessels	Miliumlike Cysts	Ulceration	Gray-Brown Coloration	Gray-Blue Dots
1	+	+	–	+	+	–	–
2	+	+	+	–	–	–	–
3	+	+	+	–	–	–	–
4	+	+	+	–	+	–	–
5	+	–	–	+	–	–	–
6	+	+	+	+	+	–	–
7*	+	+	–	+	+	+	+
8*	+	+	+	+	–	+	+
9*	+	+	+	–	+	+	+
10*	+	+	+	+	–	+	+
Lesions, No. (%)	10 (100)	9 (90)	7 (70)	6 (60)	5 (50)	4 (40)	4 (40)

Abbreviations: +, present; –, absent.
*These cases of fibroepithelioma of Pinkus showed slight pigmentation.

Dermatoscopia

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Dermatoscopia

Dermoscopic Features of Fibroepithelioma of Pinkus

Dermoscopic Feature	Frequency % with Contact Non-Polarized Dermoscopy (n)	Frequency % with Contact Polarized Dermoscopy (n)
Pink coloration	90.9 (40)	90.9 (20)
Erosion	27.3 (12)	36.4 (8)
Ulceration	2.3 (1)	4.5 (1)
Milia-like cyst	9.1 (4)	4.5 (1)
Brown dots	11.4 (5)	9.1 (2)
Blue-gray ovoid nest	2.3 (1)	4.5 (1)
Blue-gray globule	2.3 (1)	-
Leaf-like area	2.3 (1)	-
Vasculature		
Serpentine vessels	97.7 (43)	95.5 (21)
Dotted vessels	81.8 (36)	86.4 (19)
Looped vessels	27.3 (12)	22.7 (5)
Fine arborizing vessels	18.2 (8)	13.6 (3)
Arborizing vessels	4.5 (2)	9.1 (2)
Polymorphous vessels	86.4 (38)	81.8 (18)
Shiny white structures		
Shiny white lines	N/A	50.0 (11)
Shiny white blotches and strands	N/A	4.5 (1)
Brown structureless pigmentation	18.2 (8)	22.7 (5)
Hypopigmented to pink lines intersecting at acute angles (HPLA)	52.3 (23)	59.1 (13)

Nanda JK, et. Al AA. Clinical and dermoscopic features of FeP: can emphasis on hypopigmented to pink lines intersecting at acute angles. Arch Dermatol Res. 2021 Oct;313(8):633-640

Dermatoscopia

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Tratamento e Prognóstico

Excisão cirúrgica
completa com margens
de 2 – 5 mm

Tratamento e Prognóstico

Excisão cirúrgica
completa com margens
de 2 – 5 mm

Atypical Presentation of Metastatic Basal Cell Carcinoma

Authors: Kyle T. Colvett, MD, Floranne C. Wilson, MD, Ryan A. Stanton, MD

Abstract

Basal cell carcinoma is an indolent, slow-growing tumor that rarely metastasizes. Approximately 70% of tumors occur in the head and neck regions. If a basal cell tumor metastasizes, it usually spreads to the regional lymph nodes first, followed by the lungs. We describe a patient with basal cell carcinoma of the right lower extremity with skin metastases. Skin biopsy of one tumor revealed **fibroepithelioma of Pinkus**, a rare variant of basal cell carcinoma.

Motivos da apresentação



Relatar um caso de um subtipo raro de tumor maligno, analisando os padrões clínicos e histopatológicos

Revisar as controvérsias da classificação do tumor e seus possíveis diagnósticos diferenciais

Referências

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- Longo C, Pellacani G, Tomasi A, Mandel VD and Ponti G: Fibroepithelioma of Pinkus: Solitary tumor or sign of a complex gastrointestinal syndrome. *Mol Clin Oncol* 4: 797-800, 2016.
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Obrigada



Hermann K. B. Pinkus, M.D.
1905–1985