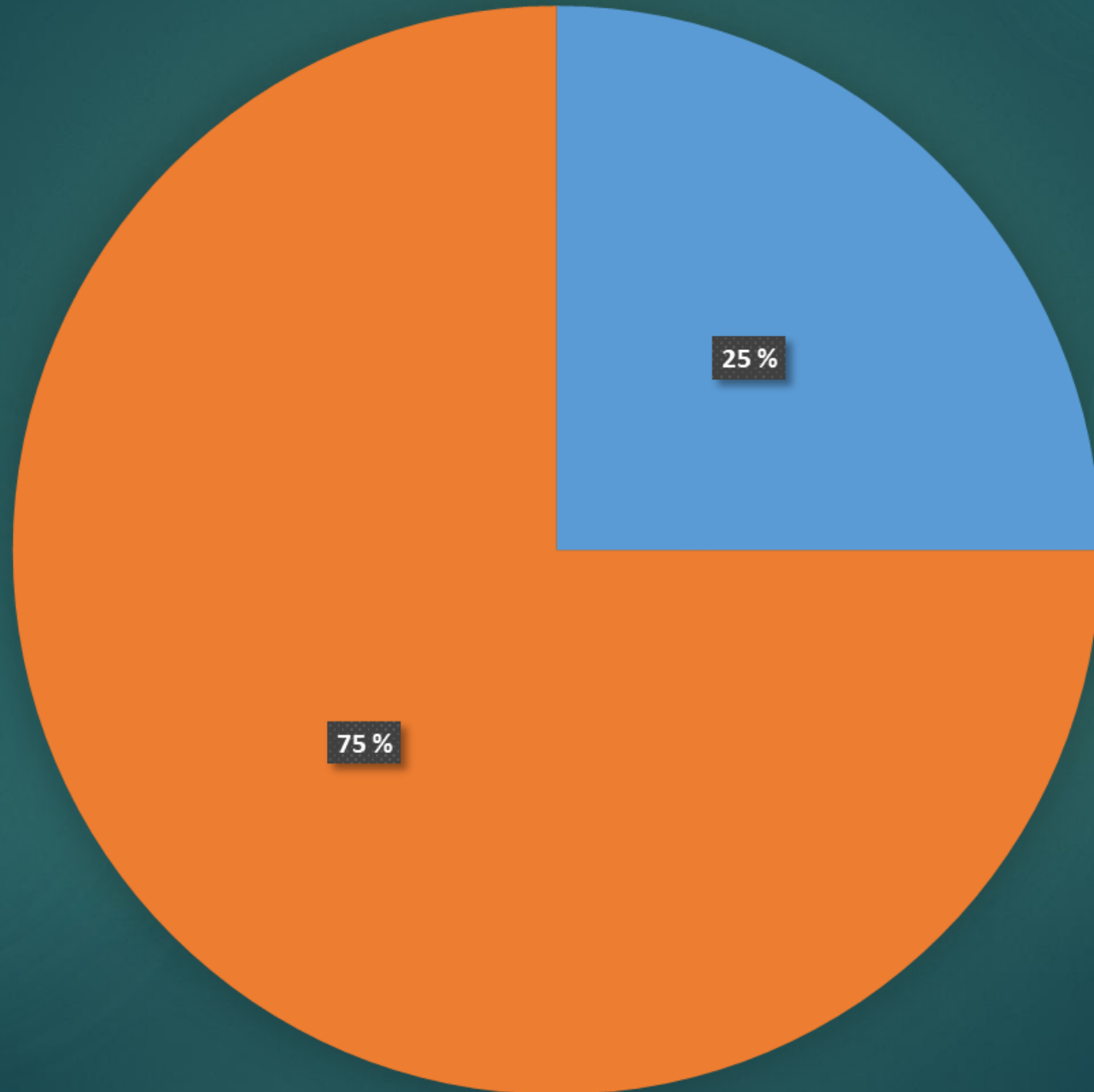




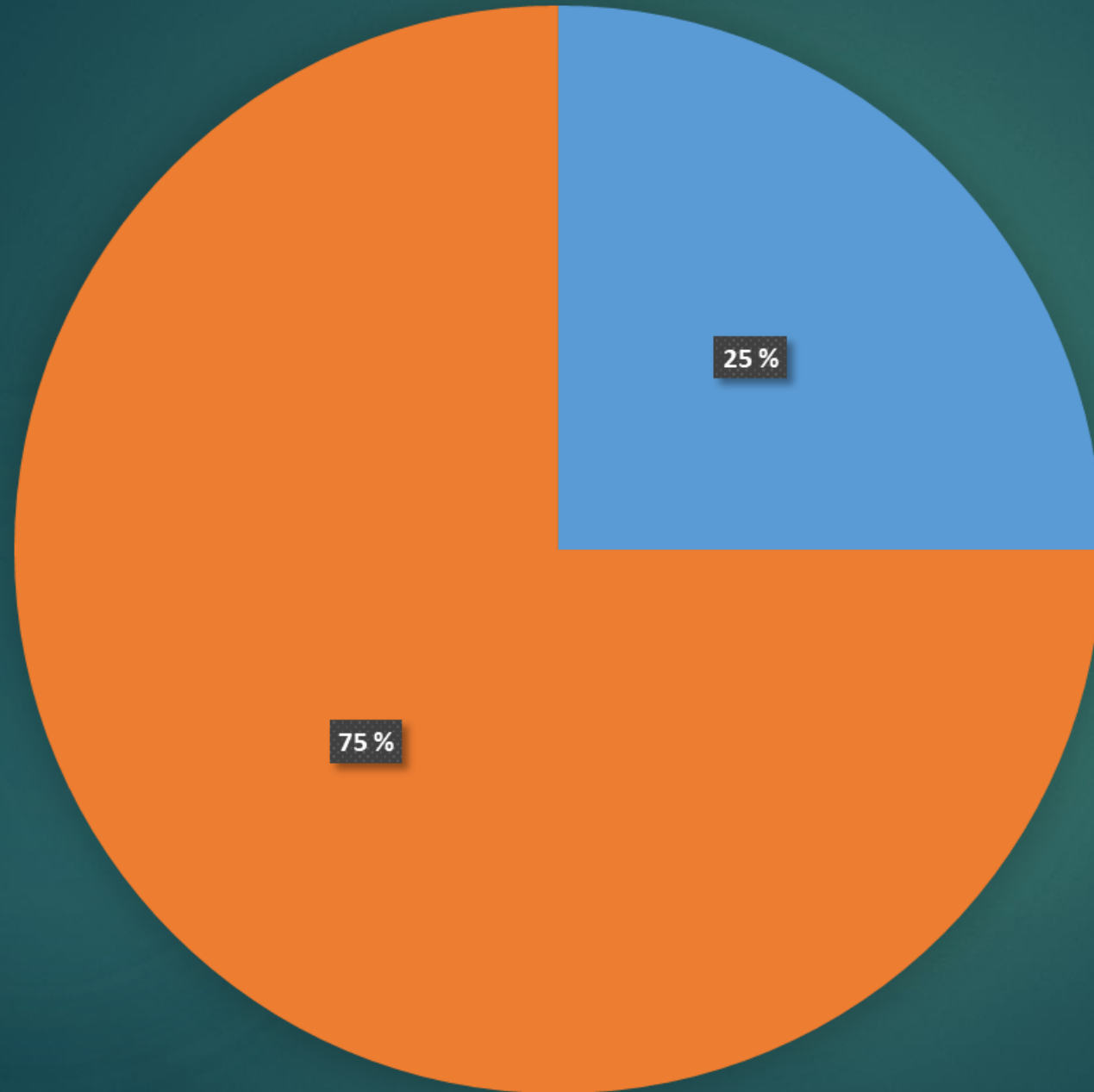
Normal hud ved patologiavdelingen AHUS

HISTOTEKNIKERFORENINGENS SEMINAR 09.02.23
FREDRIK HAUG LOHOLT – LIS PAT AHUS

Normal hud N=12



Normal hud



- Normal hud med kreft (3)
- Normal hud (9)

Takk for meg.

Dagens presentasjon

- ▶ Oppfrisker av hudens histologi
- ▶ Hudbiopsier på Patologi avd AHUS
- ▶ Synderne ved tumores i hud
- ▶ Diagnostiske utfordringer og løsninger

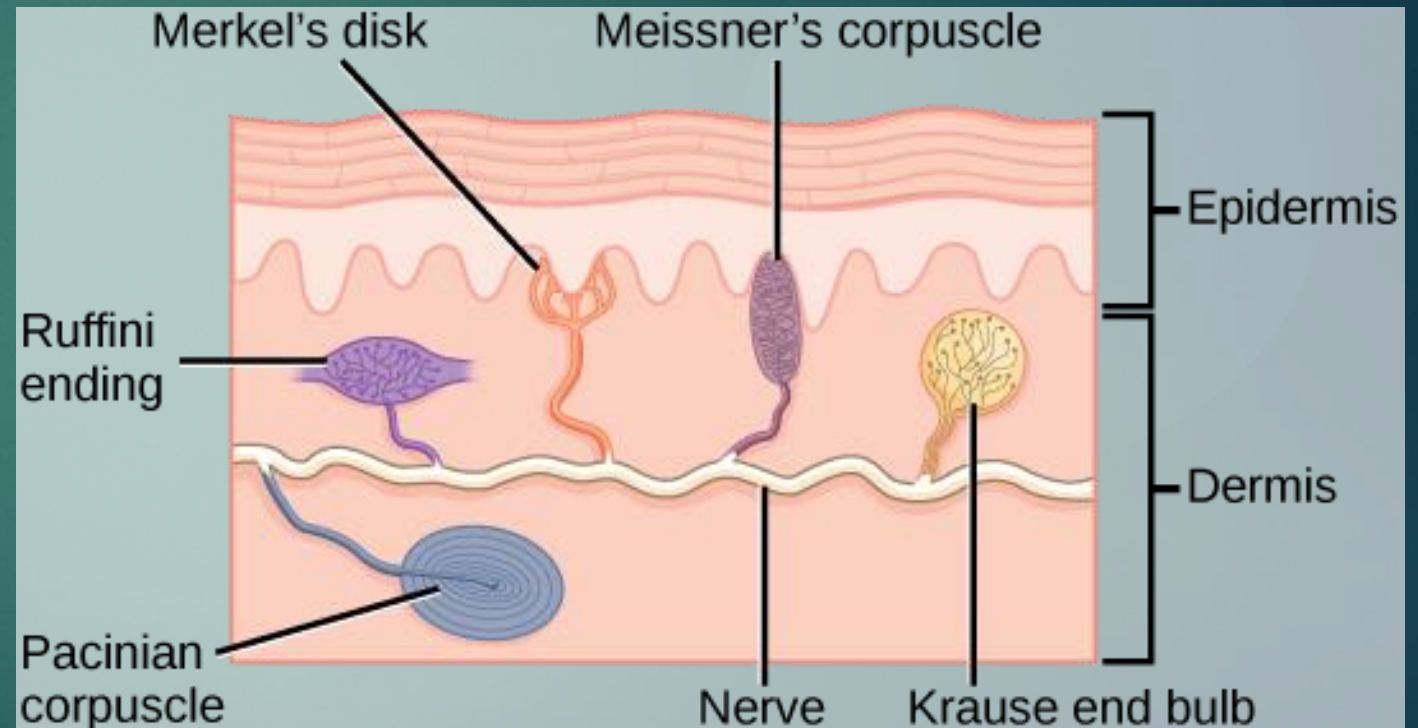
Huden – et biologisk laminat

Mekanisk, kjemisk og immunologisk skjold

Stort antall nerveceller

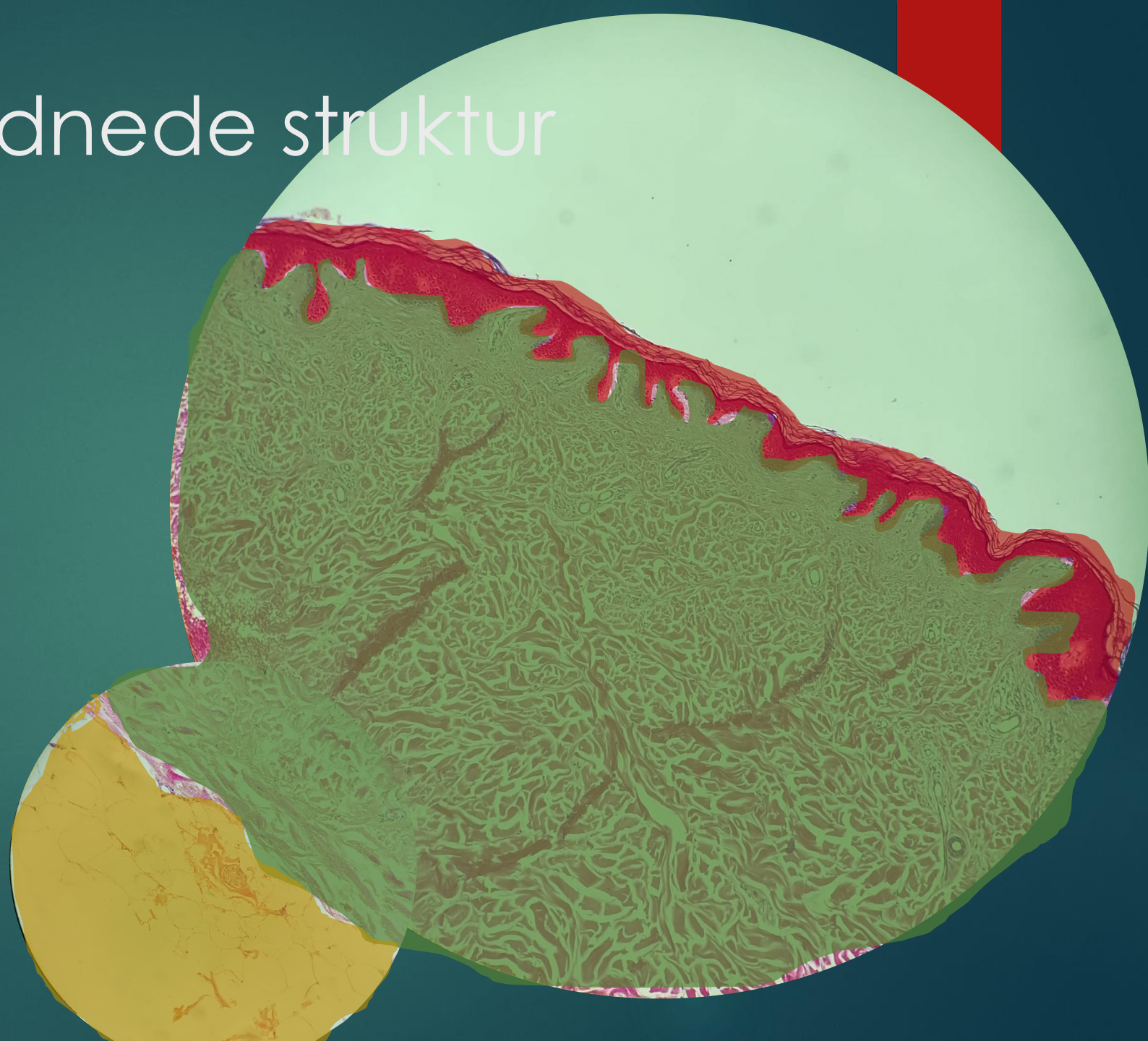
Opprettholde kroppens balanse

Endokrint organ



Hudens overordnede struktur

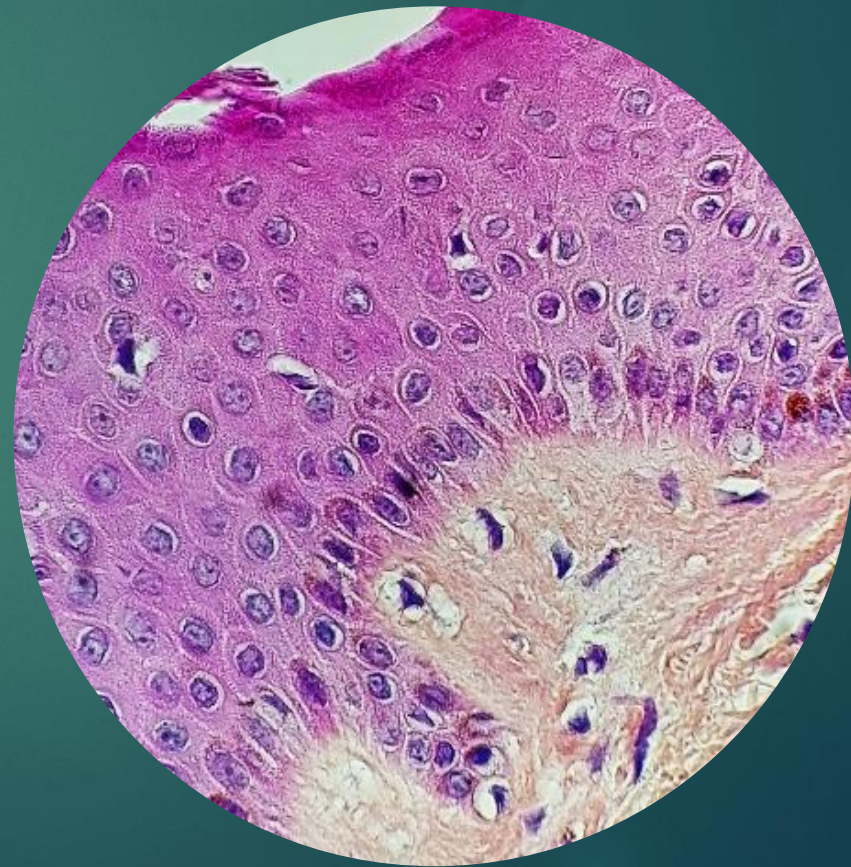
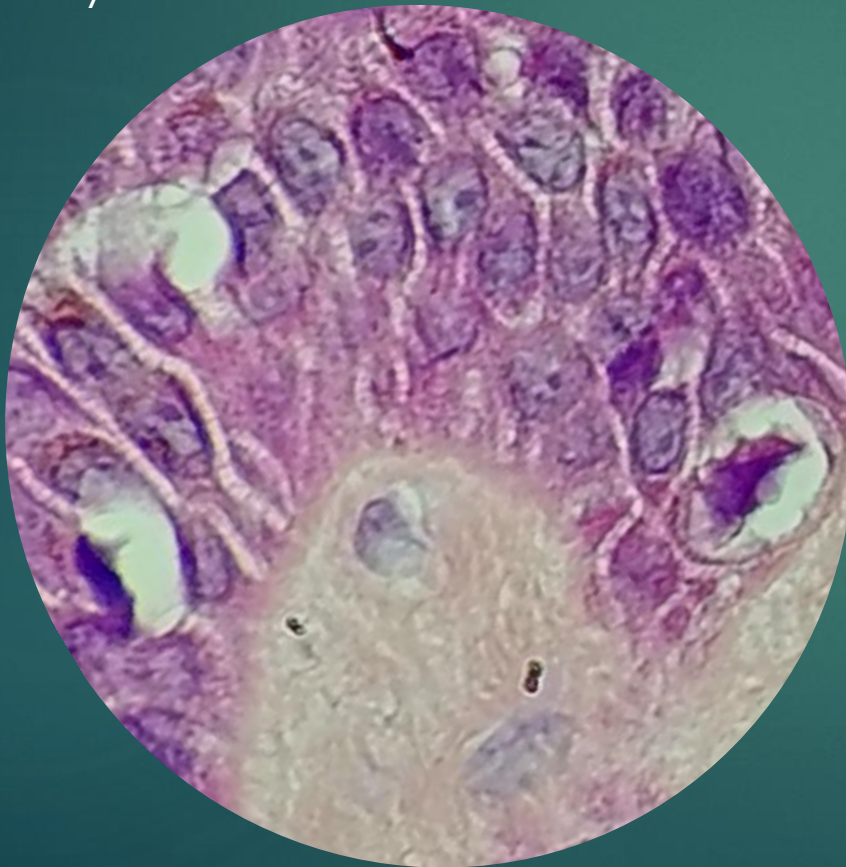
- Epidermis
- Dermis
- Subcutis



Cellene

Basallaget

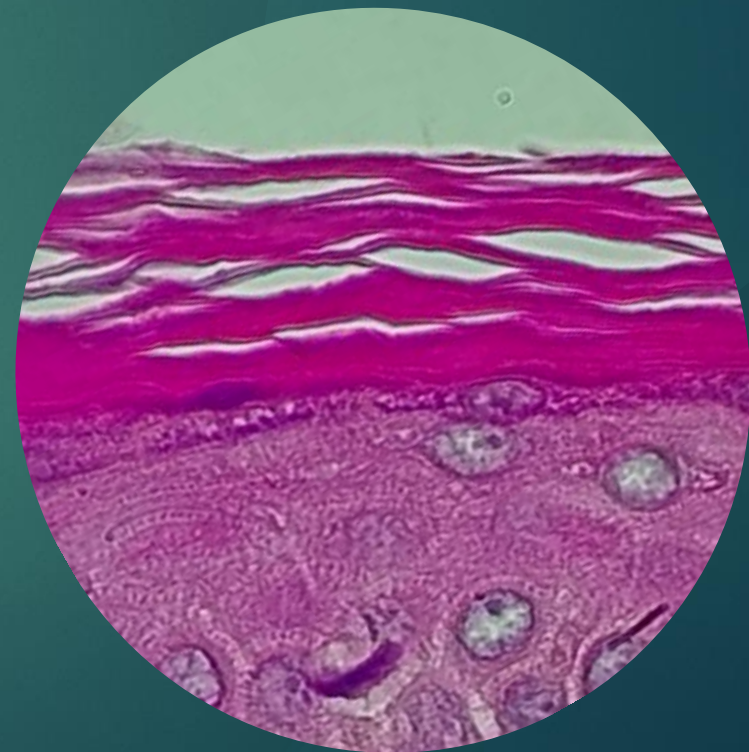
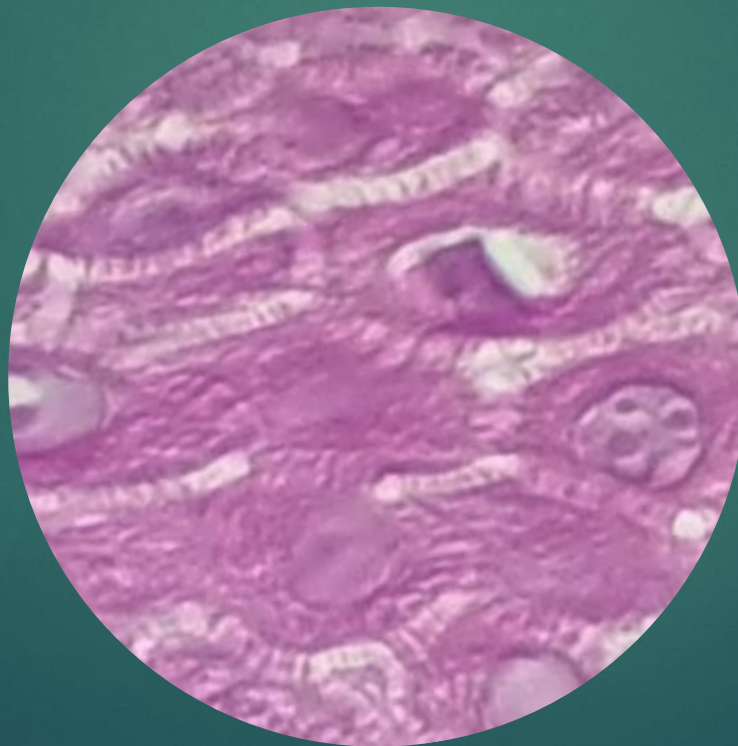
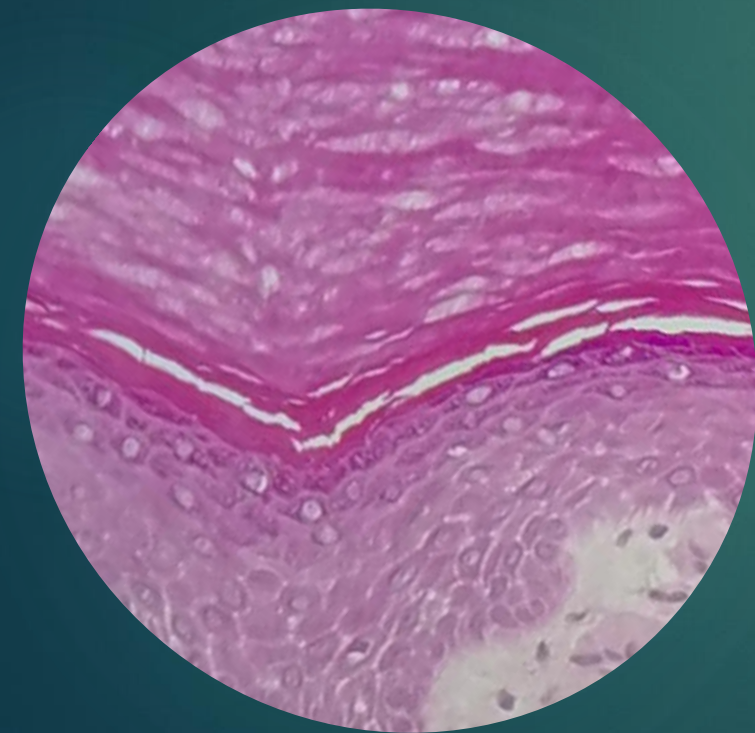
- Basale keratinocyter
- Melanocyter



Cellene

Spinosum og granulærcellelaget

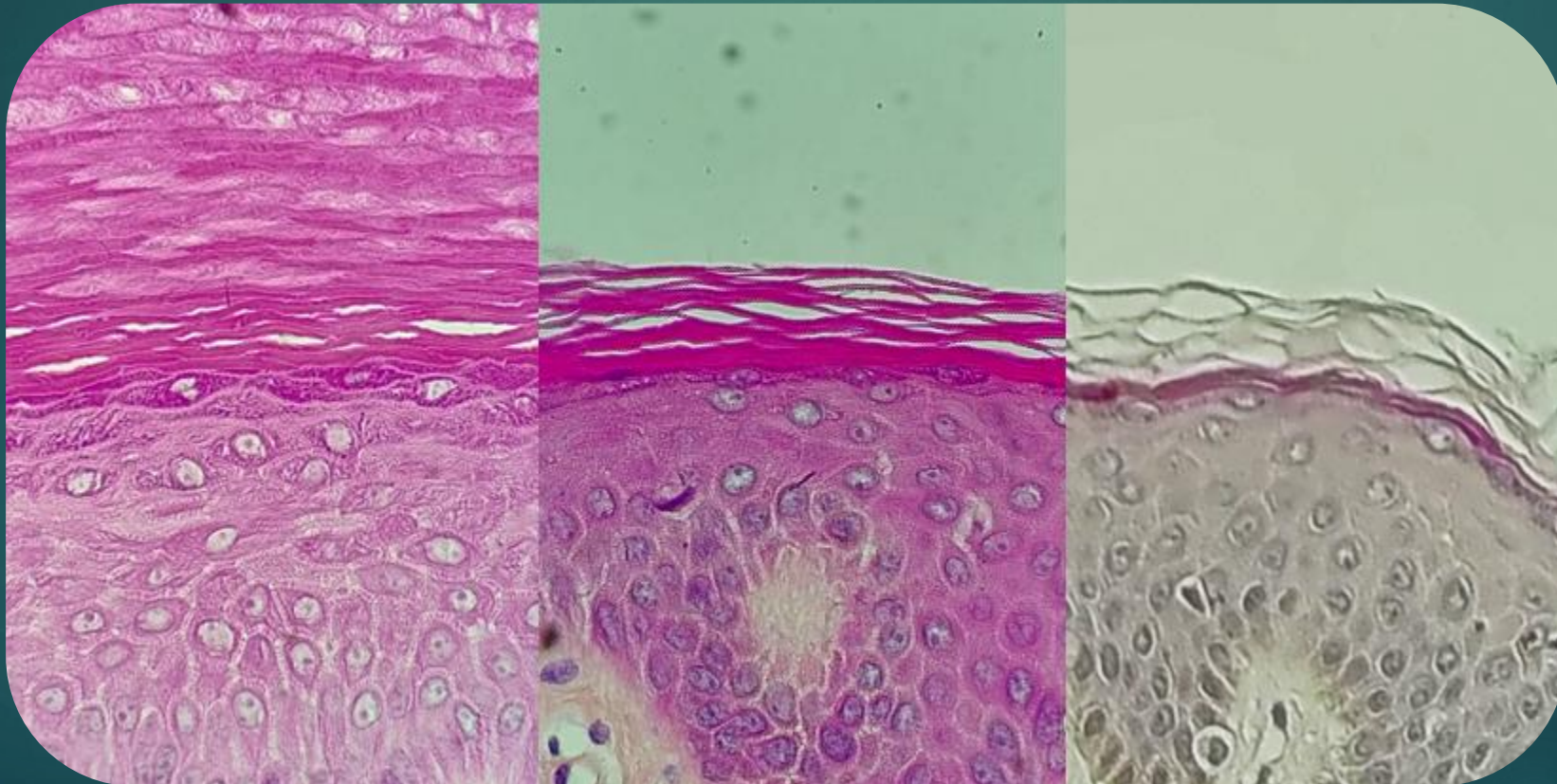
- Keratinocytter
- Langerhans celle



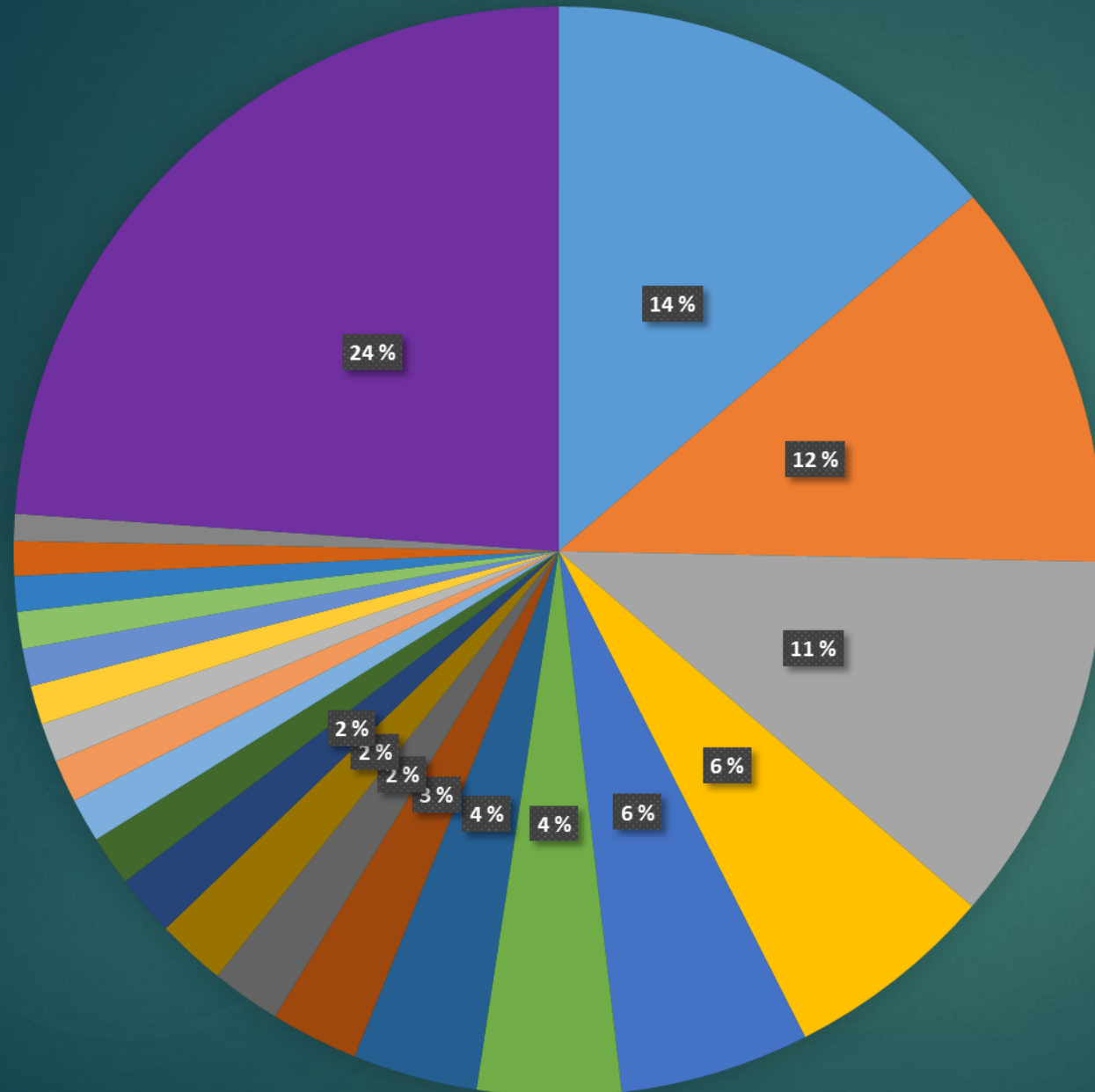
Cellene

Hornlaget

- Keratinocytter



Fordeling hudprøver AHUS 2022



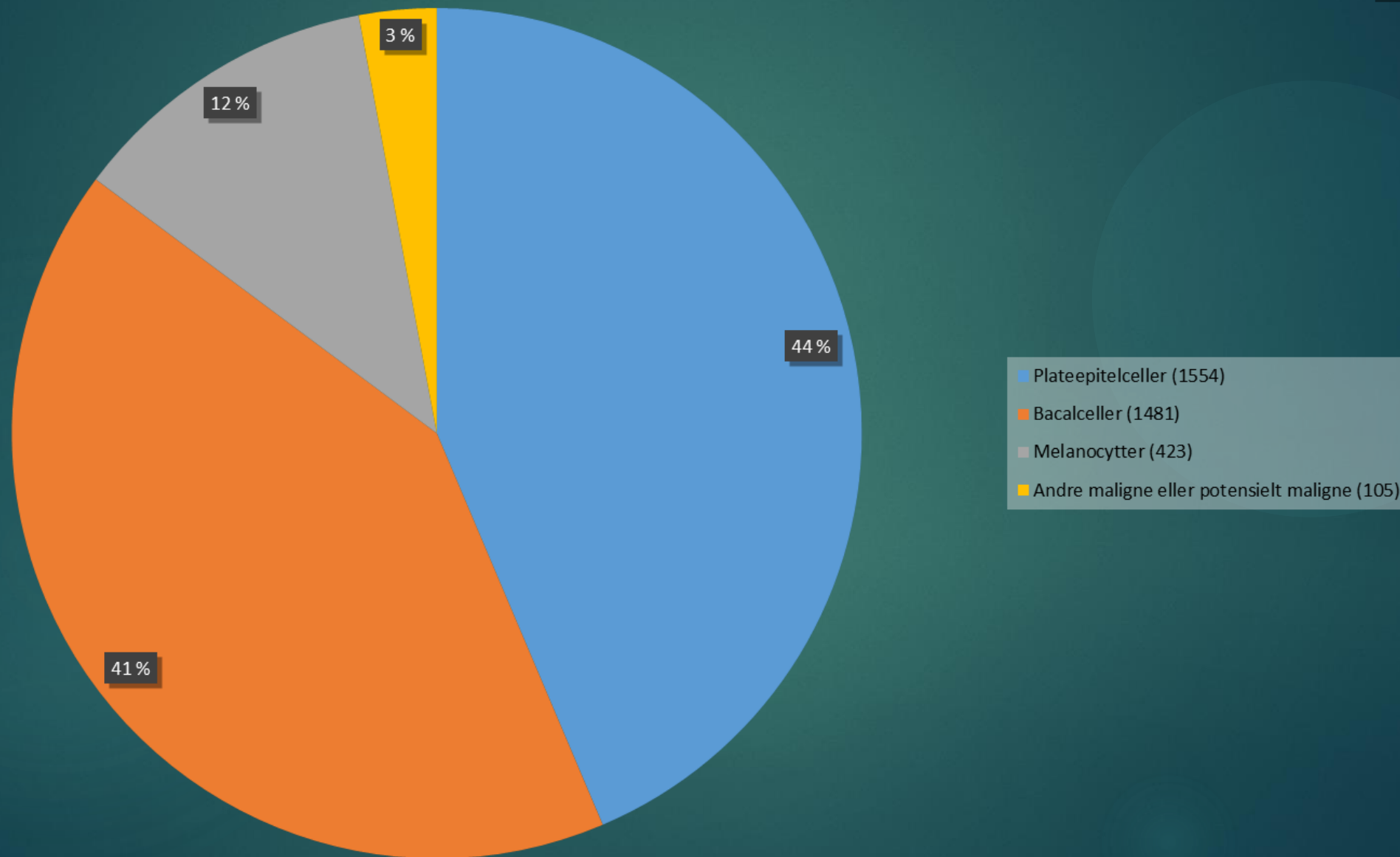
- seboréisk keratose (1733)
- intradermal nevus (1460)
- basalcellekarsinom (1386)
- arr (786)
- sammensatt nevus (709)
- solar keratose (538)
- grov dysplasi/karsinom in situ i plateepitel (466)
- betennelse (328)
- fibroepitelial polypp (260)
- intraepidermal nevus (259)
- dermatofibrom (229)
- plateepitelkarsinom (188)
- epidermoidcyste (165)
- hemangiom (160)
- hyperplasi (146)
- solar elastose (145)
- moderat dysplasi i plateepitel (141)
- kronisk betennelse (138)
- benign epidermal keratose (133)
- reaktive celleforandringer (129)
- lett dysplasi i plateepitel (101)
- 332 andre diagnoser (3015)

Sendes inn med god grunn

29% av de signerte prøver

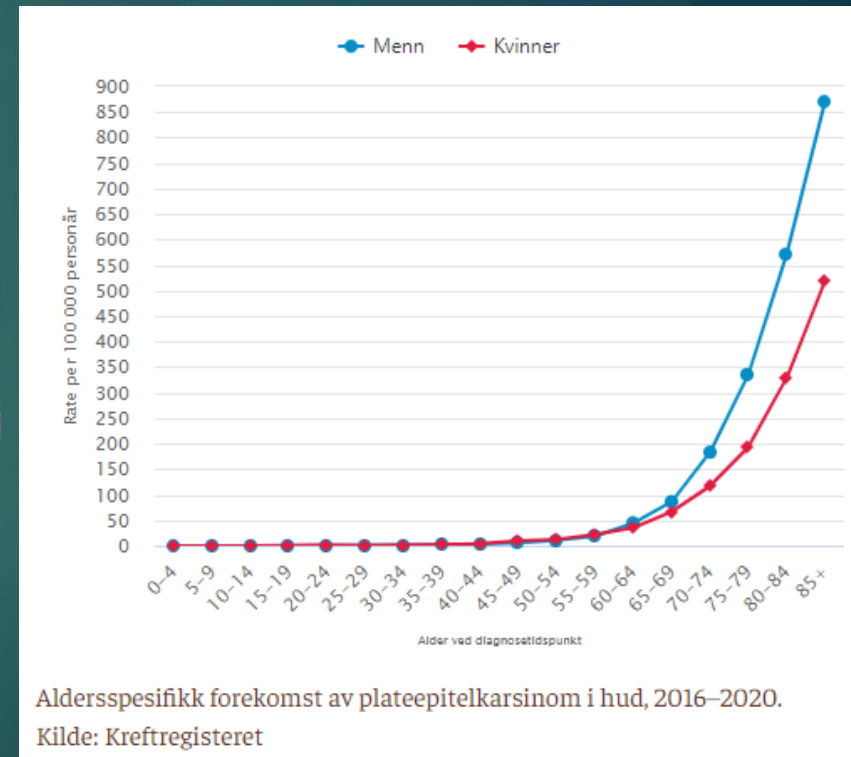
- Majoriteten sikkert maligne
- Noen med malignitetspotensiale

Synderne ved malignitet i hud

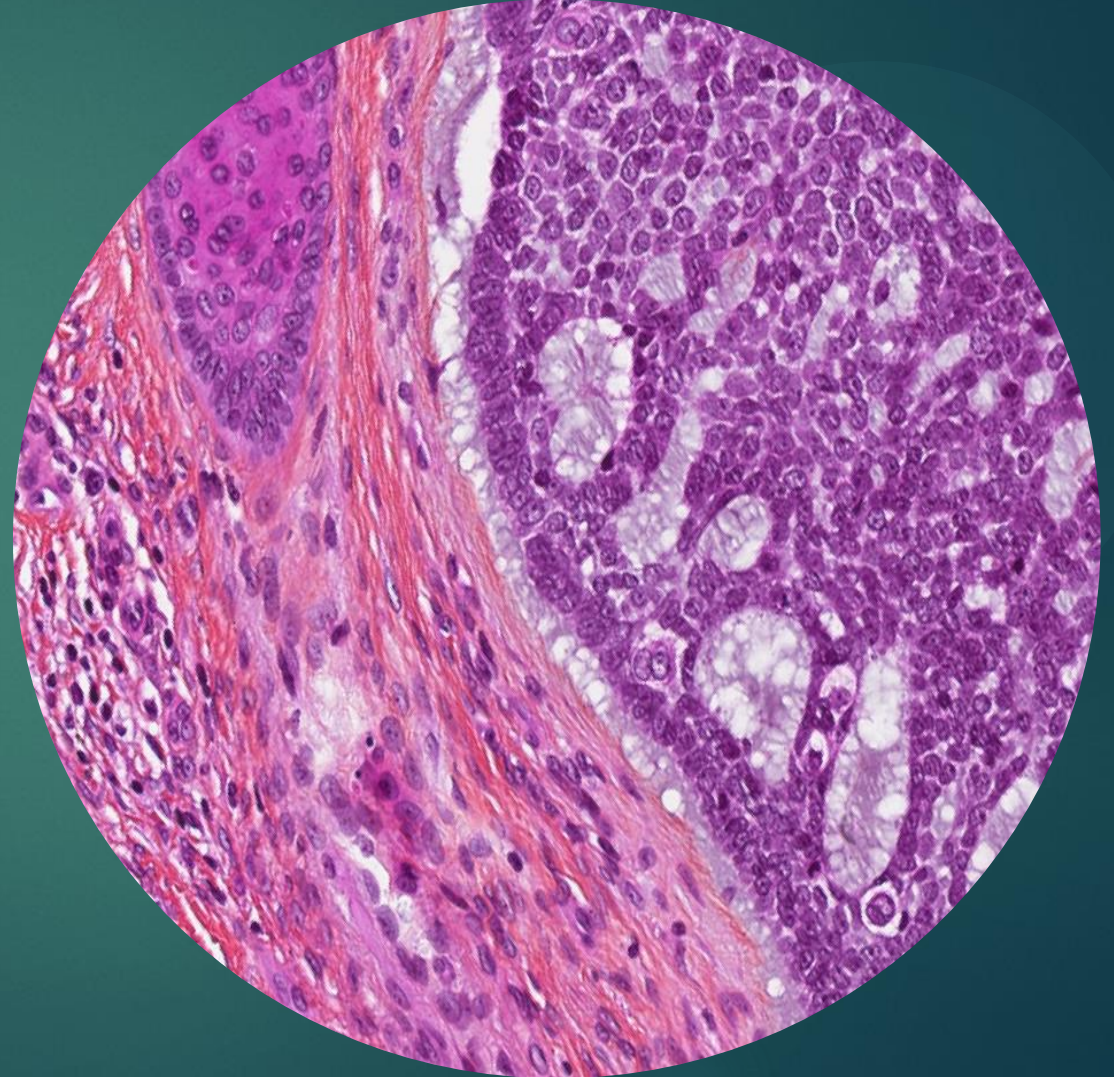
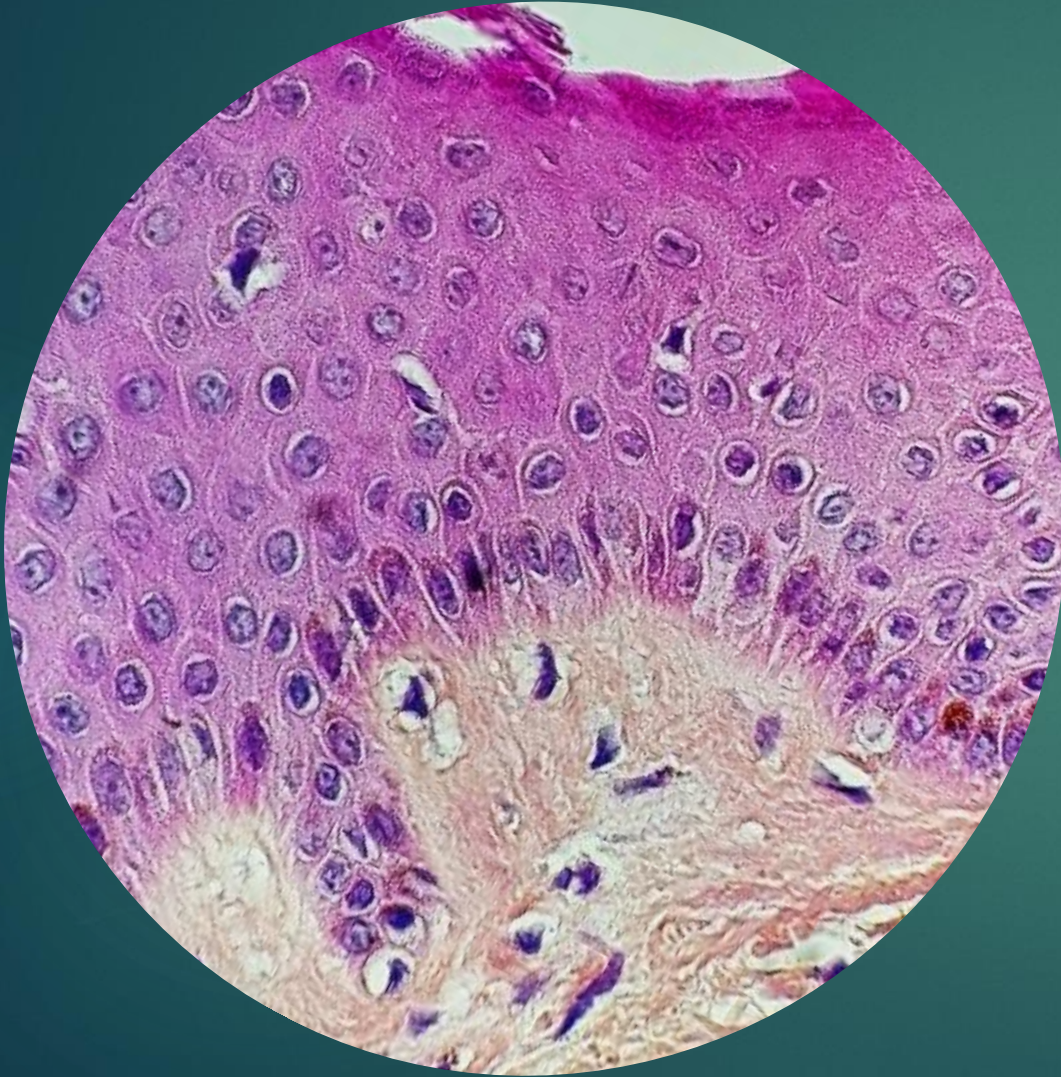


Plateepitelet

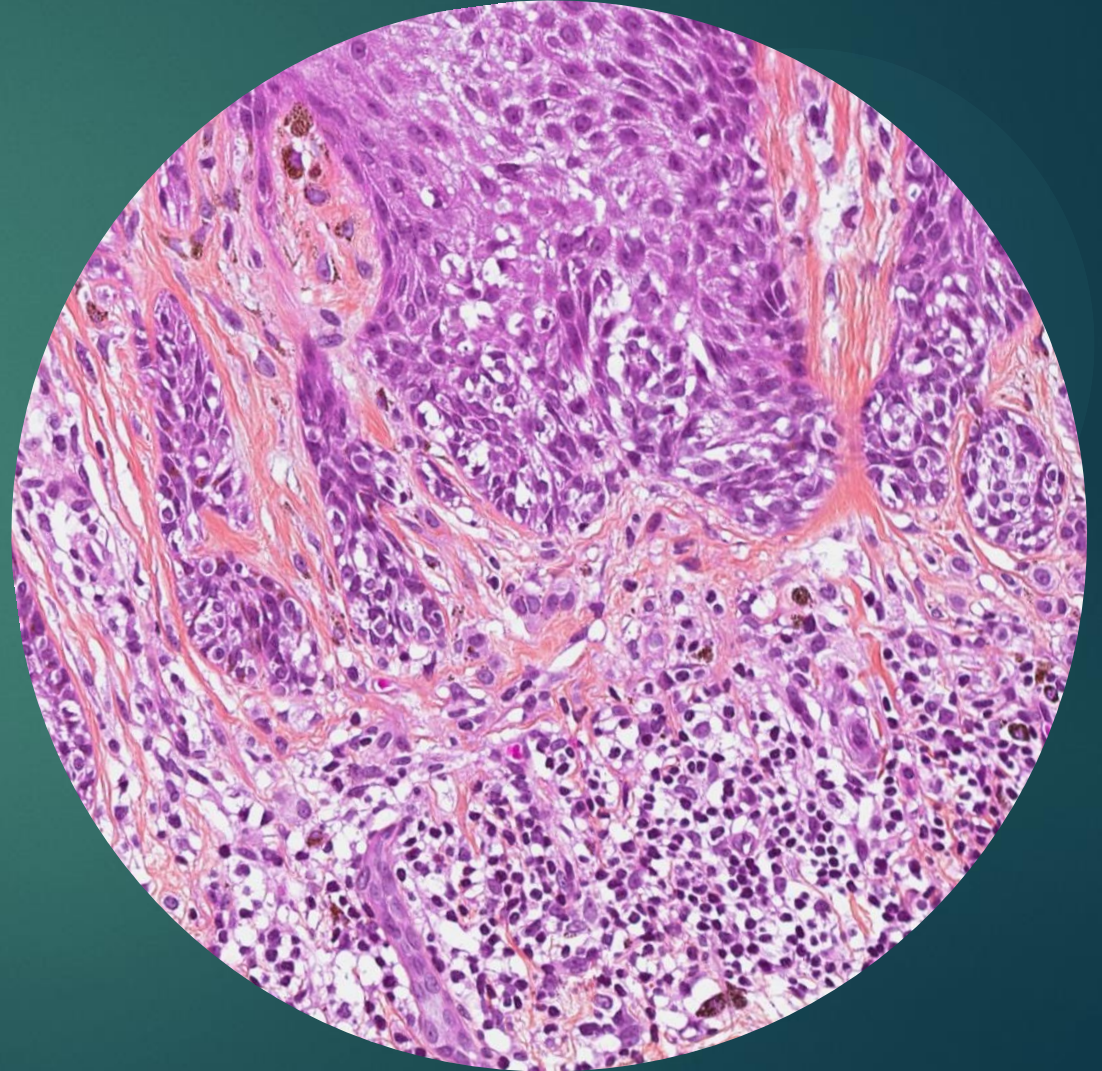
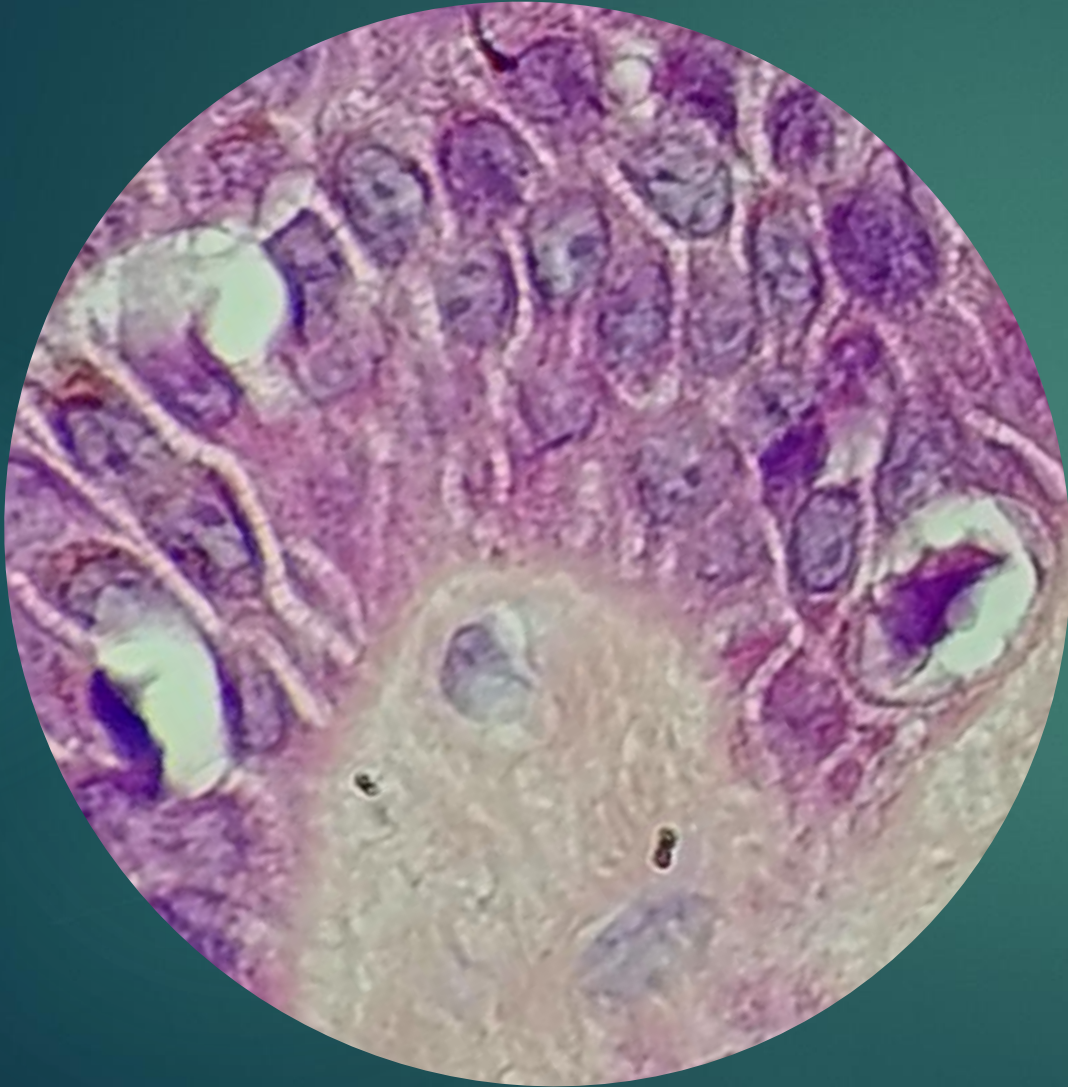
- 5-års overlevelse på rundt 90%
- Lokal sykdom har god effekt av kirurgi



Basalcellene

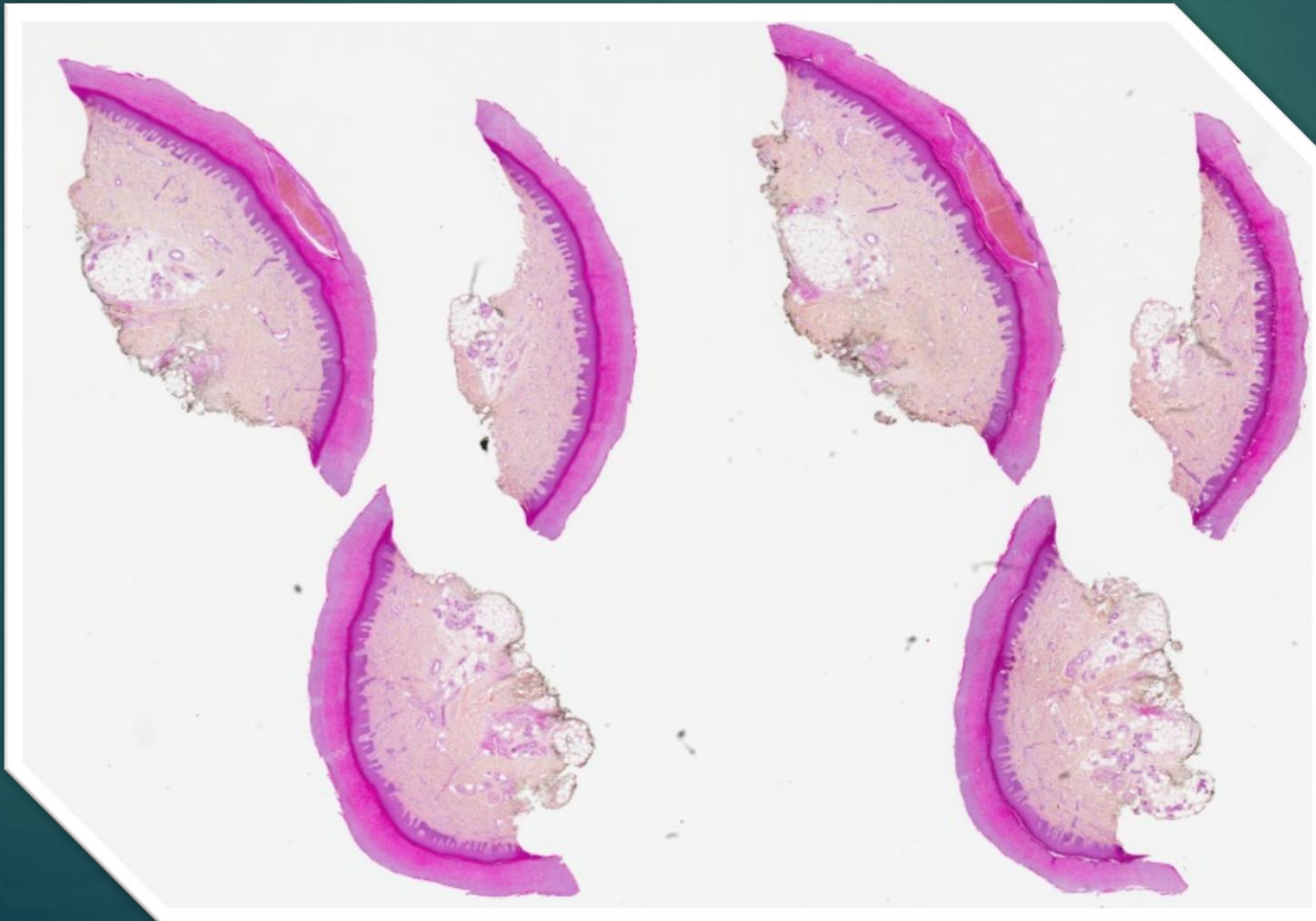


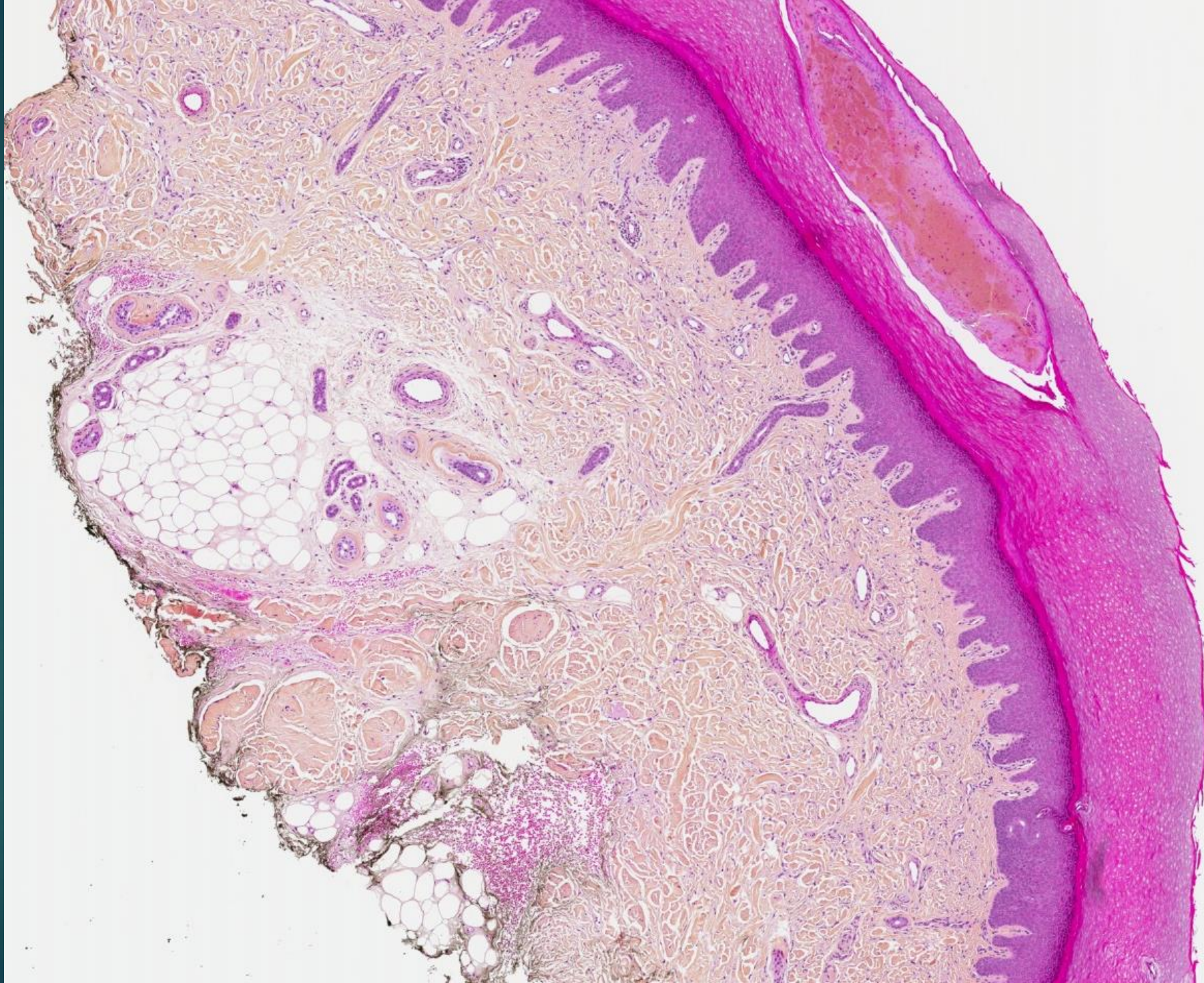
Melanocytene

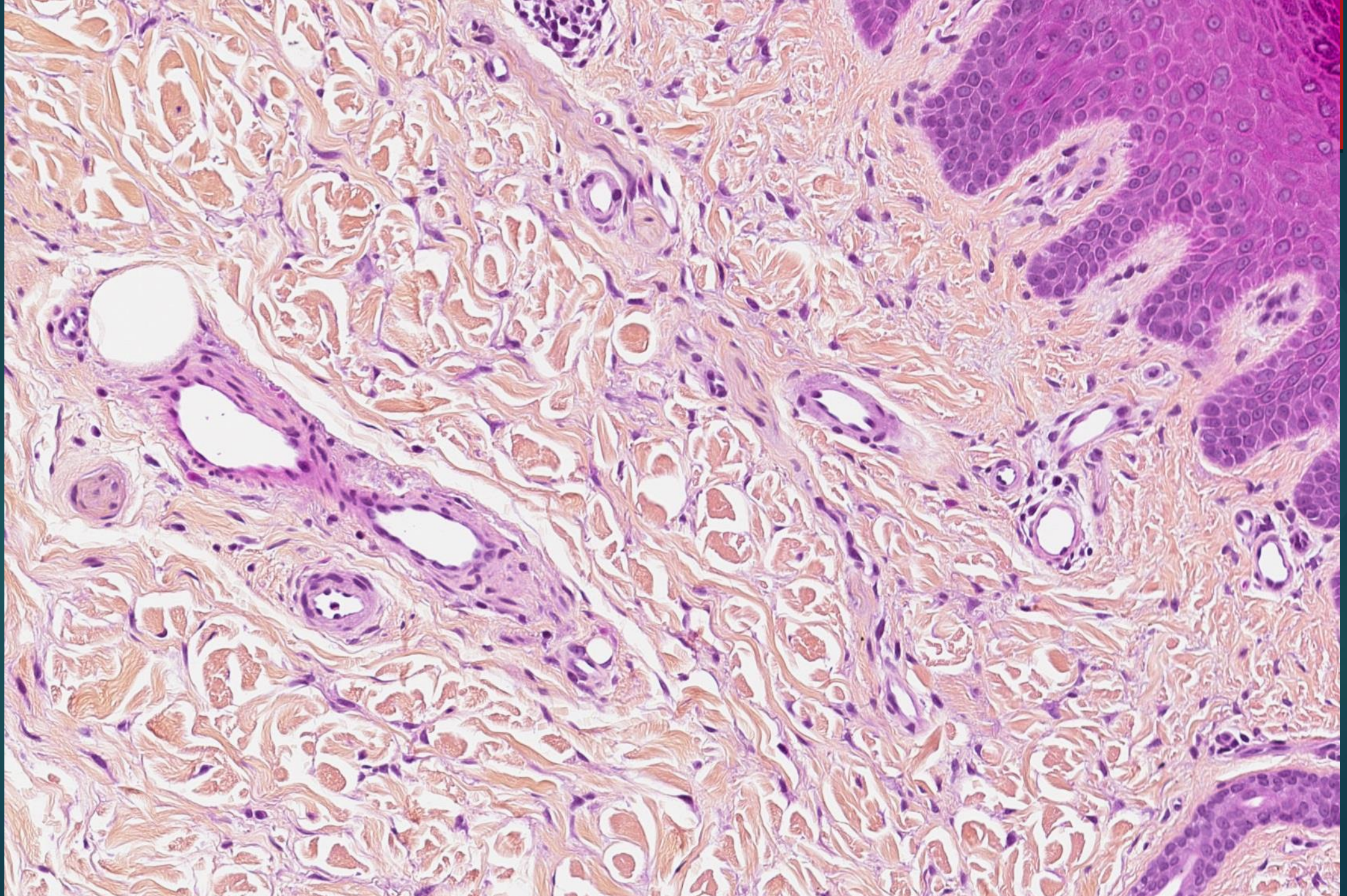


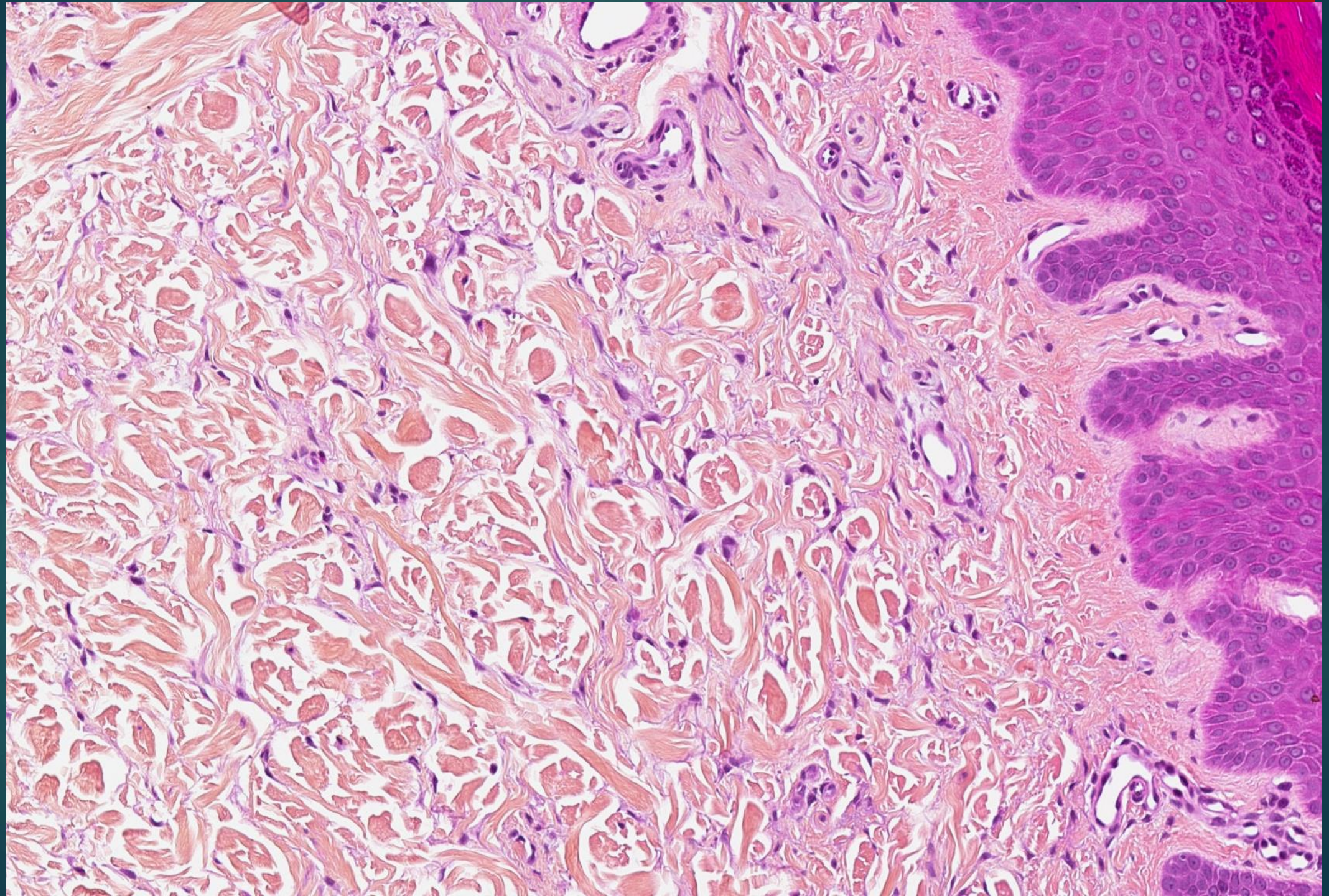
Case 1 – Mann 80 år

- Liten føflekk på hånda som har vokst og blitt svart siste tiden.
- Makro viser 3 mm mørk velavgrenset lesjon.

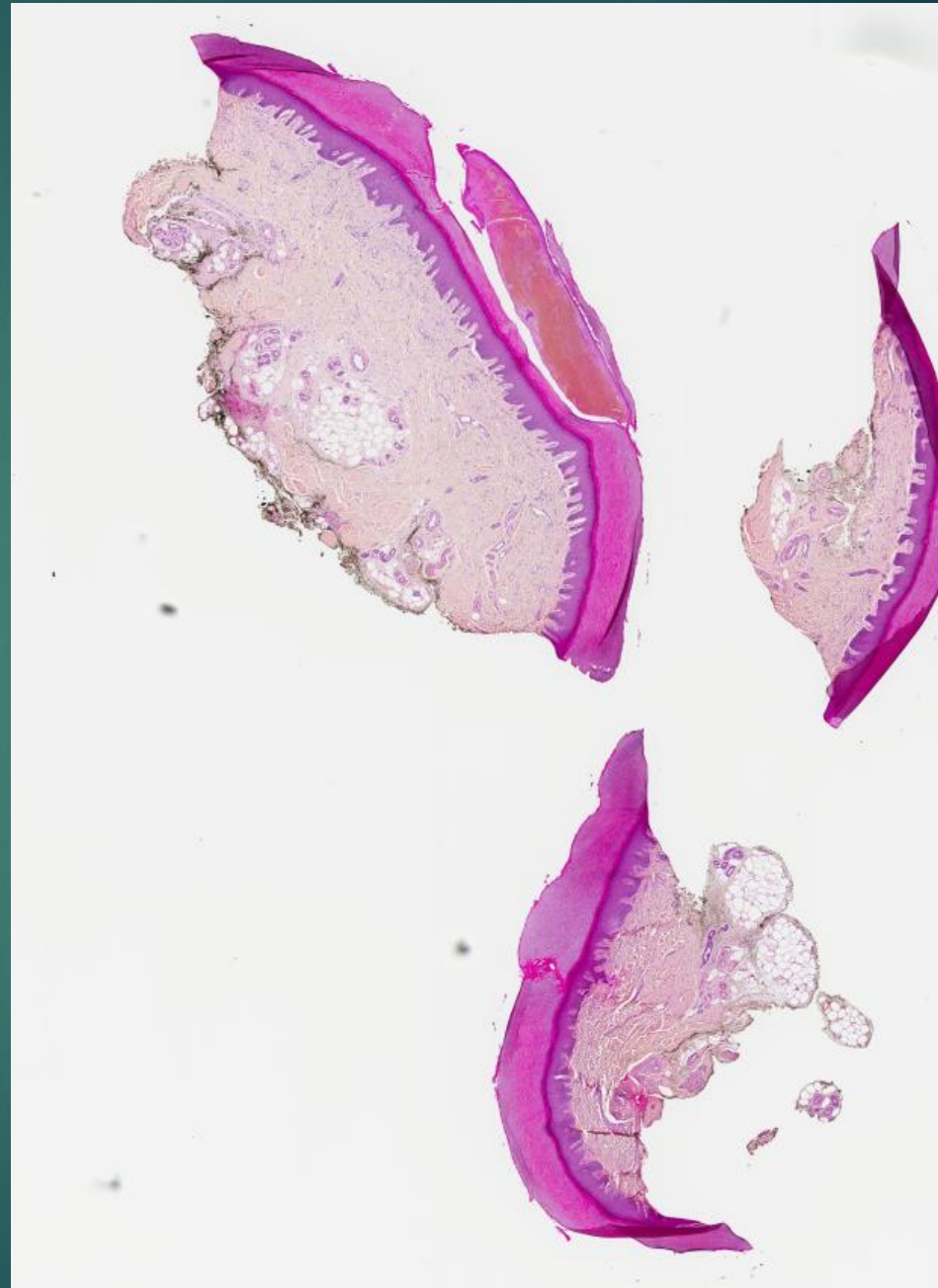


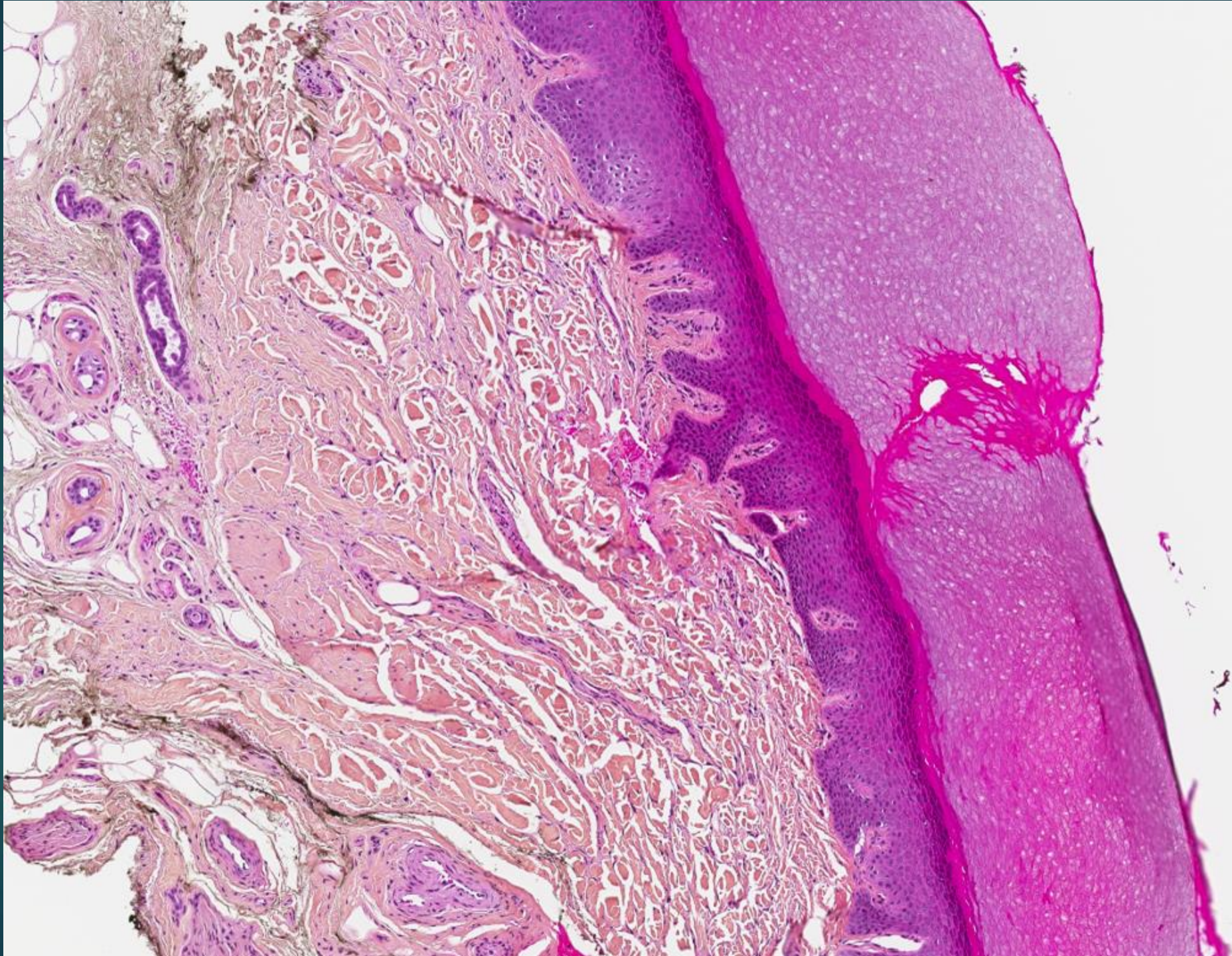


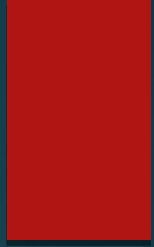
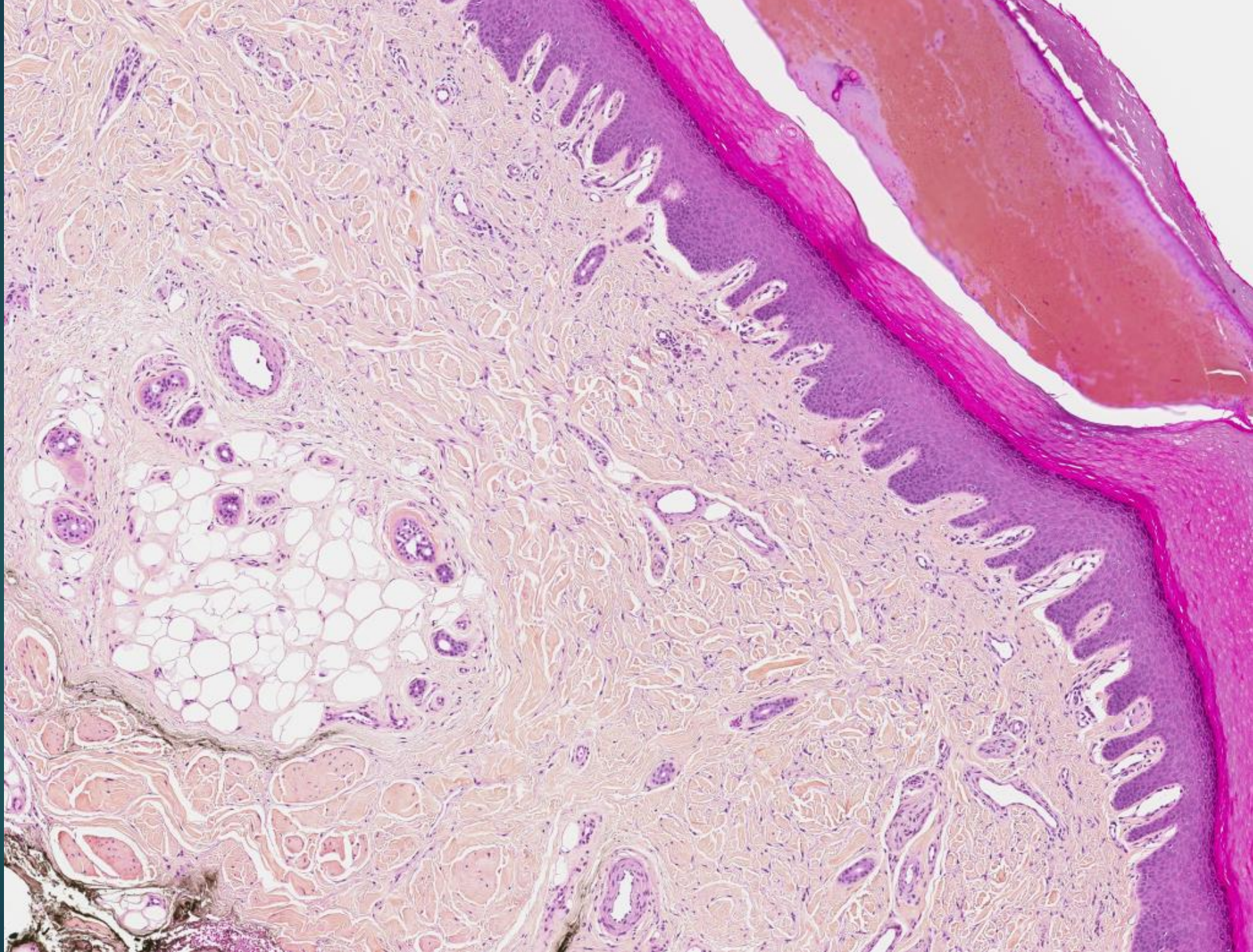




Tar et dypere snitt







- Ser utvikling av strukturer

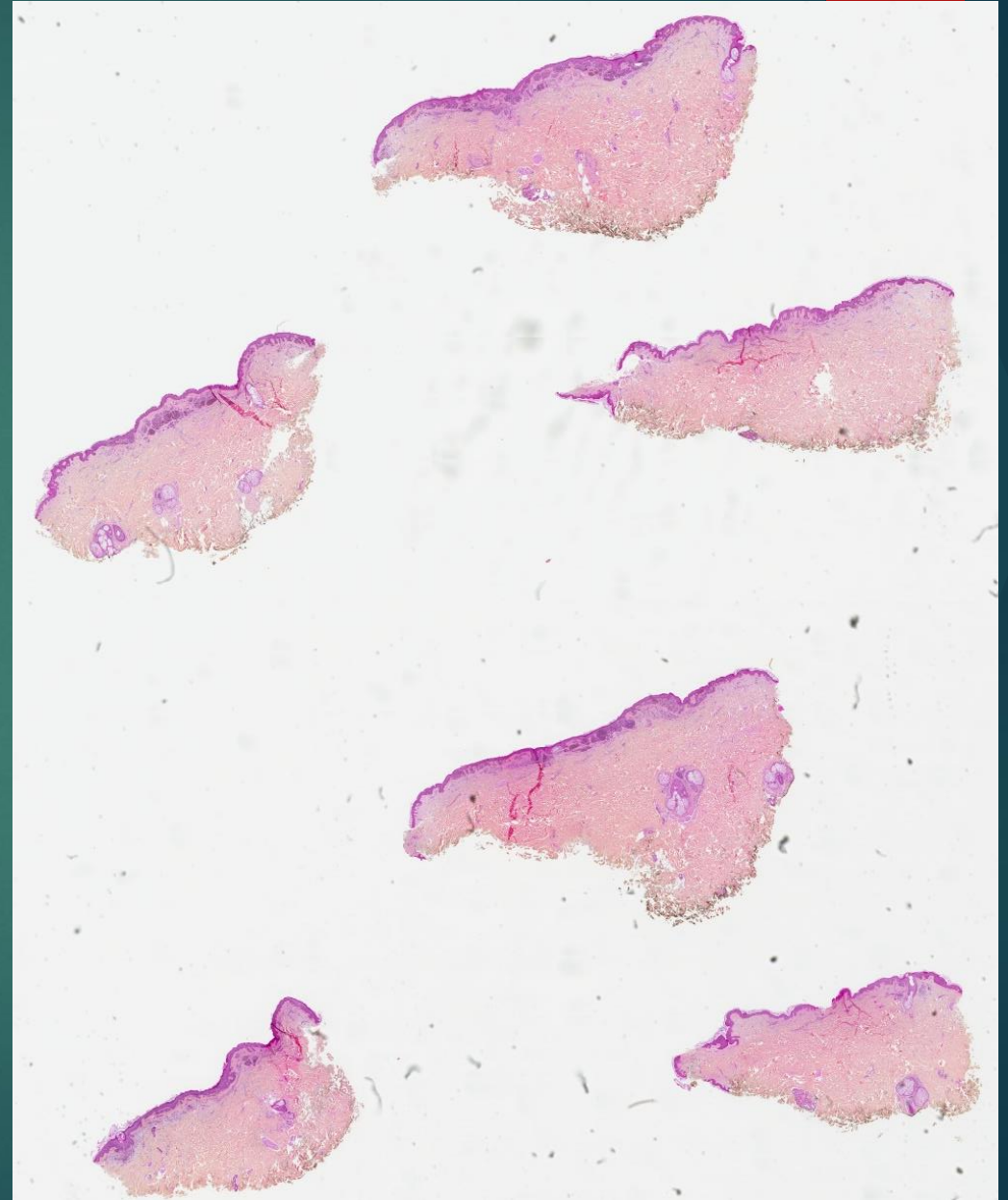
- Fremheve spesifikke komponenter

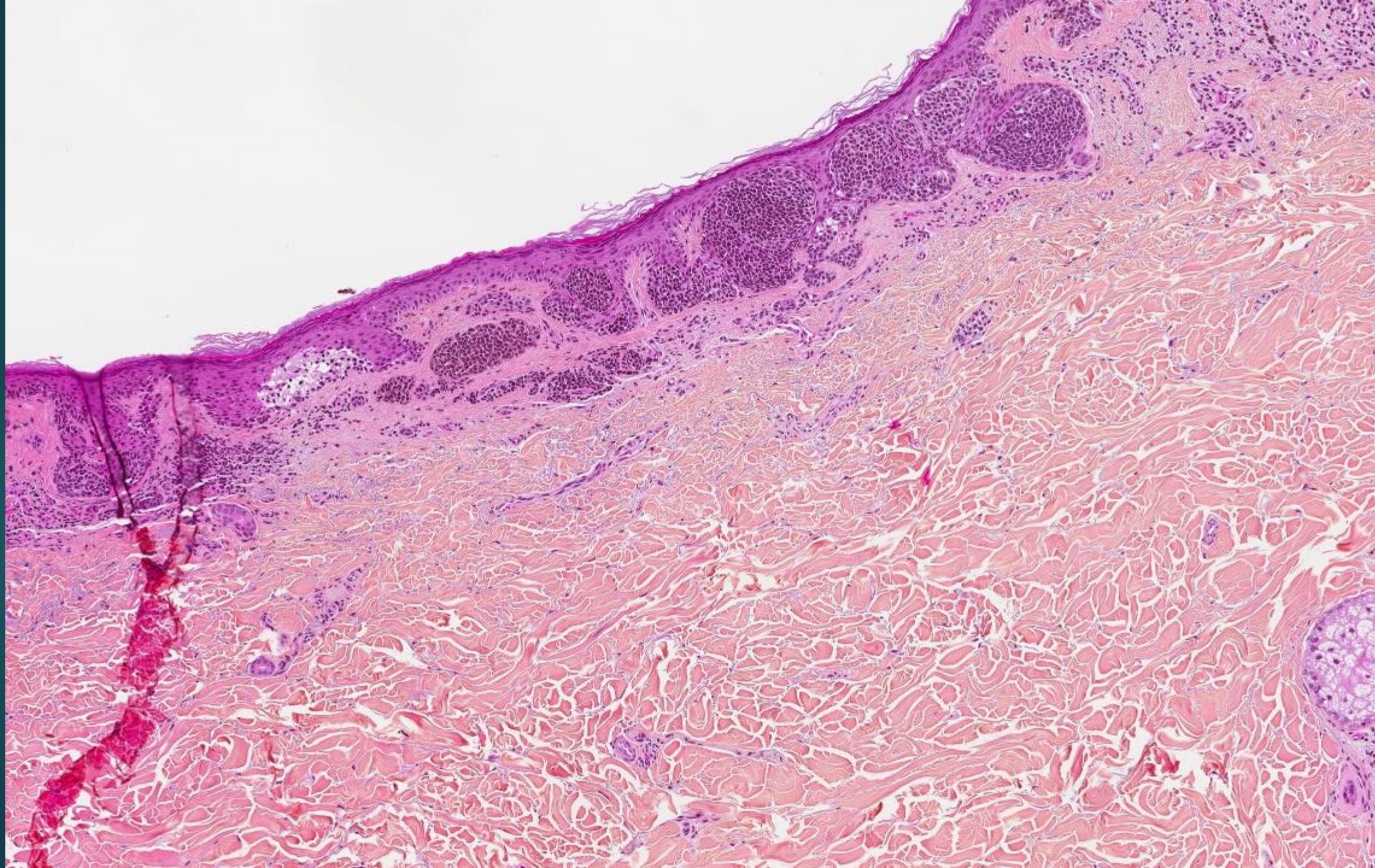
Blokk	Glass	X	M	Skf	Gb	M	Mi	Ekstern Id	Farging
01	01	☐	★						HPS-PAT
	02	☐	★						SOX10
	03	☐	★						DDD
	04	☐	★						SOX10
	05	☐	★						PRAME
	06	☐	★						DDD
	07	☐	★						BRAF IHC
	08	☐	★						P16
	09	☐	★						SOX10
	10	☐	★						DDD

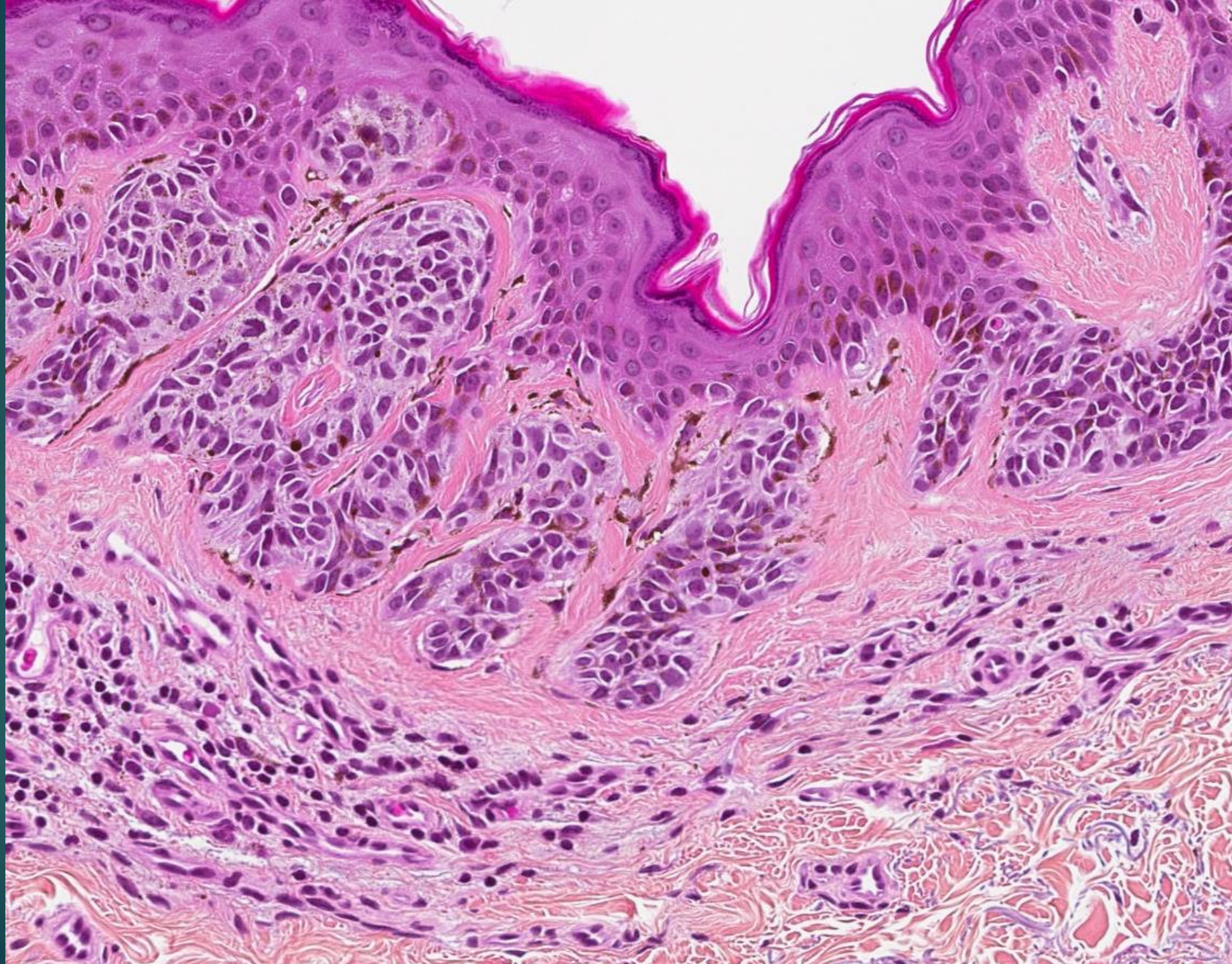
[+]	Kode	Beskrivelse
[+]	T01000	hud
	M87201	irregulær nevus
	P11000	reseksjon

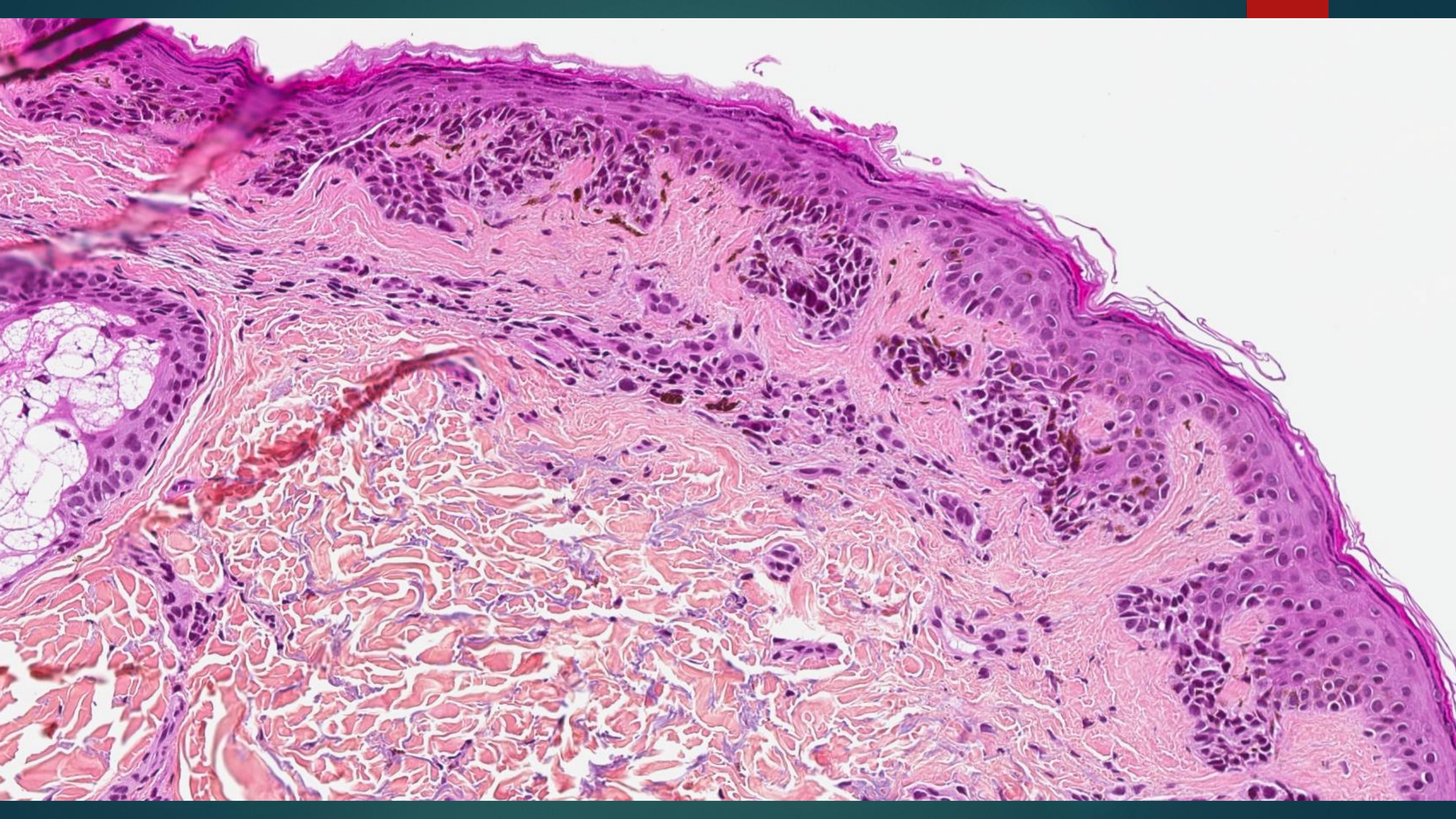
Case 2 – Dame 55 år

Liten ujevn pigmentert lesjon

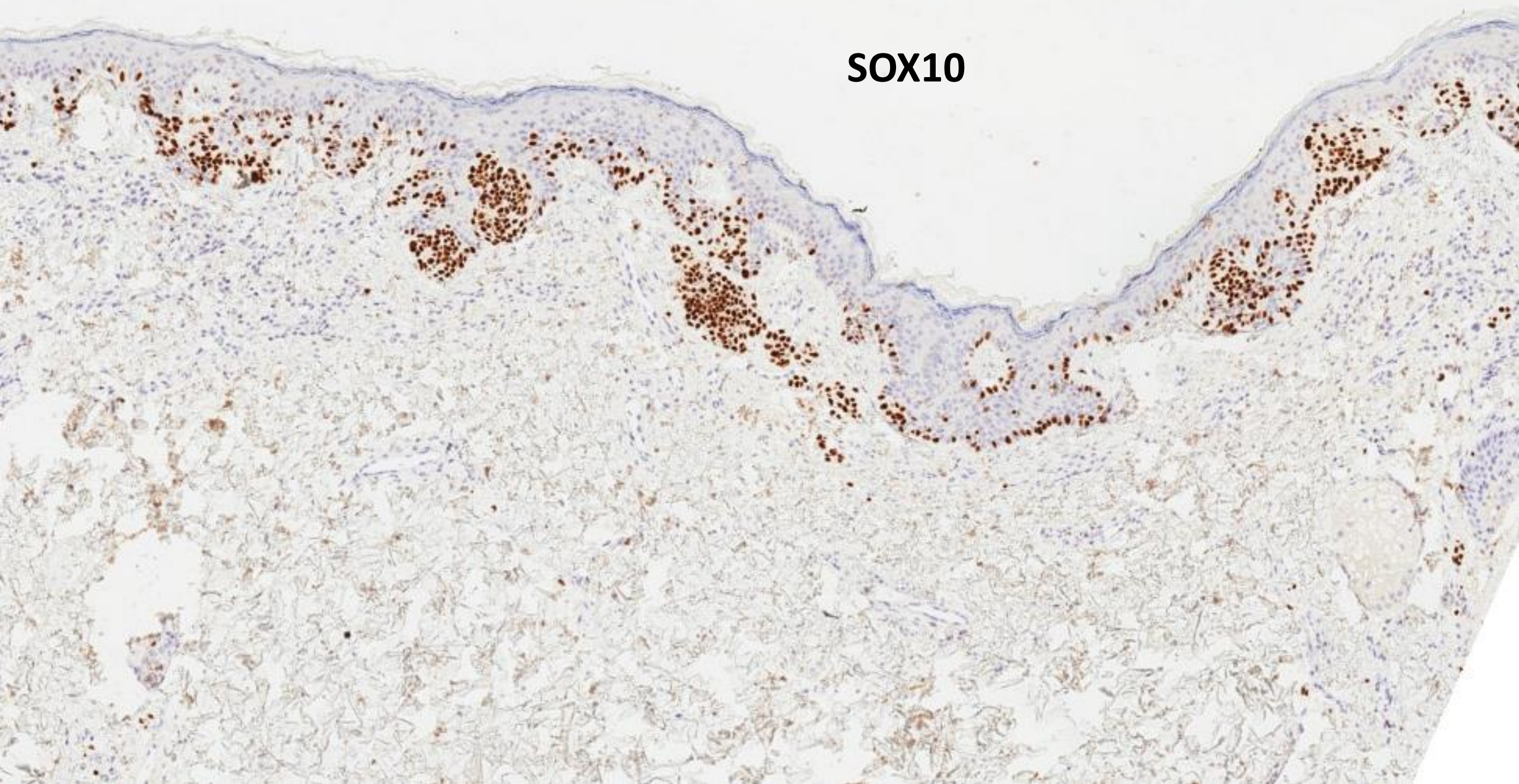




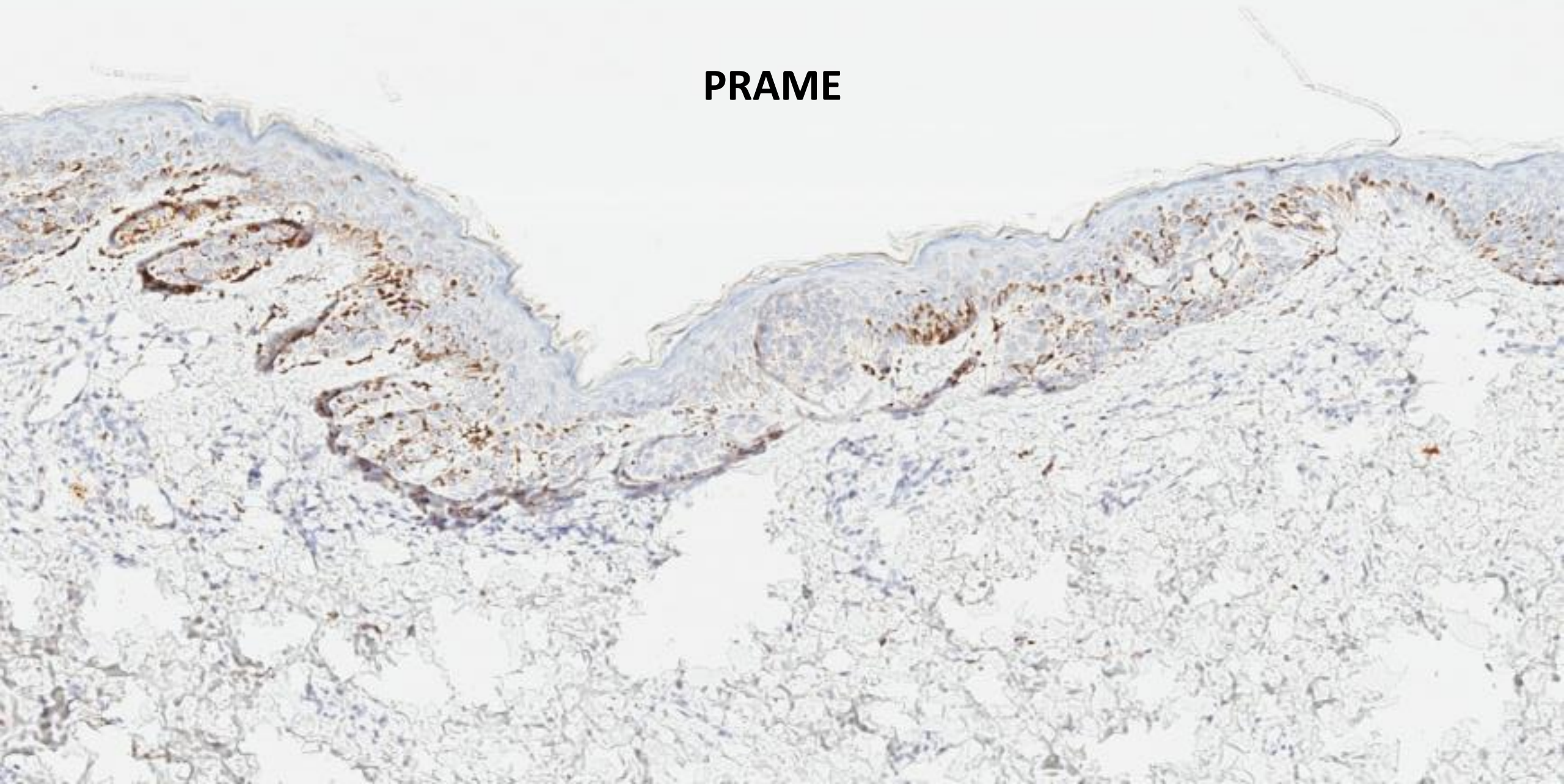


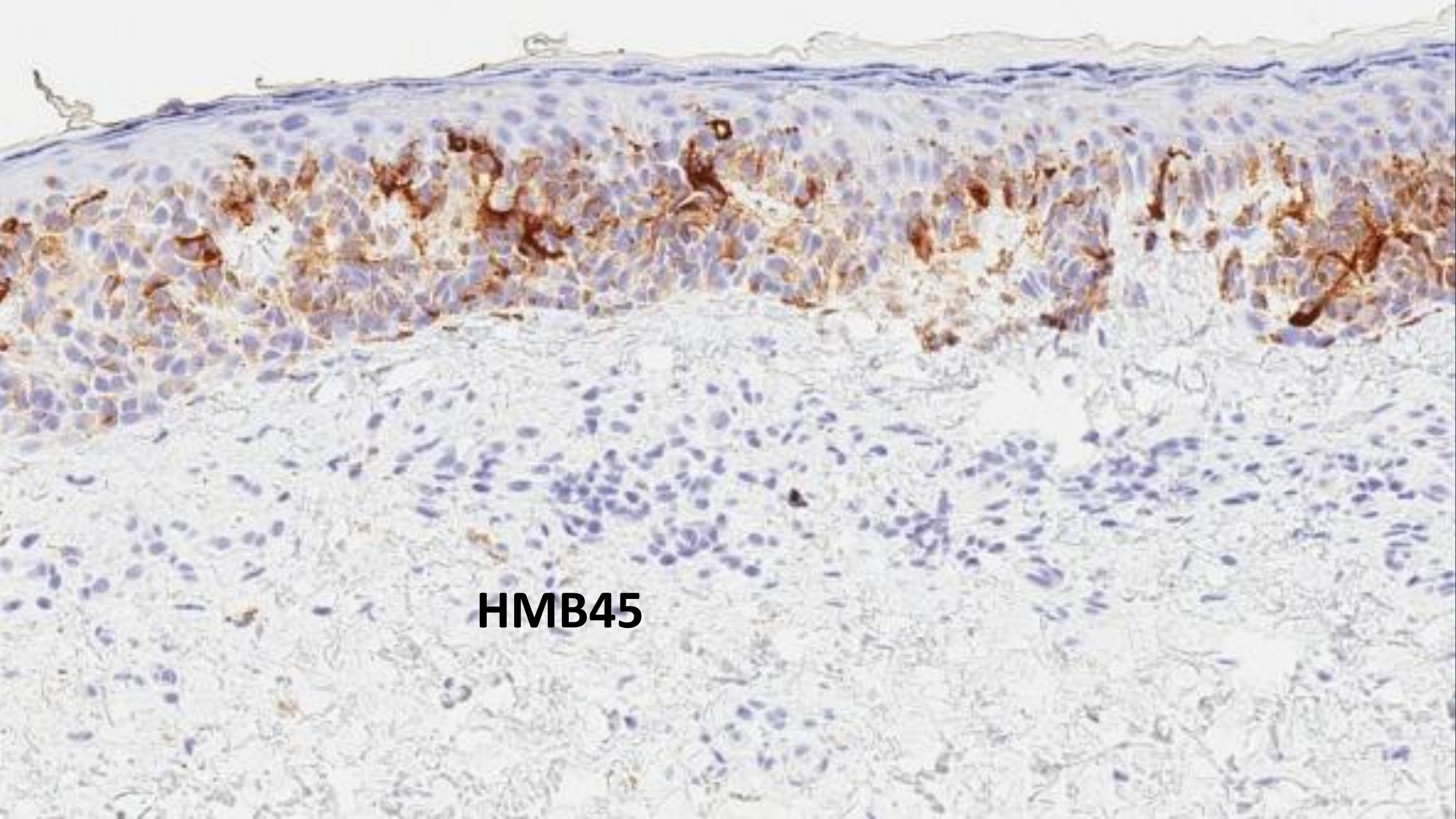


SOX10



PRAME





HMB45

Sammensatt nevus med dermal irregulær komponent

Take home message,

- Basalcellekarsinom og plateepitelkarsinom må tas på alvor.
- Ikke stek for mye i sola. Om du absolutt må; ikke bli solbrent.
- Nye mørke flekker hos voksne bør sjekkes.