

VENEREOROLOGY

- Sexually transmitted infections (STI) are a persistent problem not only in the Czech Republic

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Is syphilis still
common
infection ???

Syphilis – Lues Venerea

- is a chronic infectious disease caused by
- *Treponema pallidum* subspecies *pallidum* – *Spirocheta pallida*,
F. Schaudin, E. Hoffmann 1905



Treponema pallidum

Dark-Field Technique Tr.p. showing
regular spirals and marked angling.

Classification

- **acquired** syphilis is sexually transmitted infection
- **syphilis congenital** is intrauterine infection, the *Treponema* crossing the placental barrier from mother to foetus

Acquired syphilis

- Syphilis I
- Syphilis II
- Seropositive latent syphilis
(early latency)

Early syphilis

Late syphilis

- Syphilis III
- Seronegative latent syphilis
- Late latent syphilis
- Parenchymatous syphilis
(tabes dorsalis, general paresis)

Congenital syphilis

- 1. Syphilis praenatalis
- 2. Syphilis congenita postnatalis

recens

tarda

non manifesta - seropositive

- **1998 in the Czech Rep. 18**

Genital Primary Lesions

By acquired syphilis

Erosive chancre

A clinical photograph showing the cervix of a patient. The cervix is a pinkish, fleshy organ with a central opening. There is a large, irregular, and highly vascularized area on the surface, which appears to be an erosive chancre. The surrounding tissue is also pink and moist. The background is a dark, reddish-brown color, likely the vaginal wall or a speculum.

Erosive chancre

-cervix uteri

Lymph Node Swelling ?

successive chancres



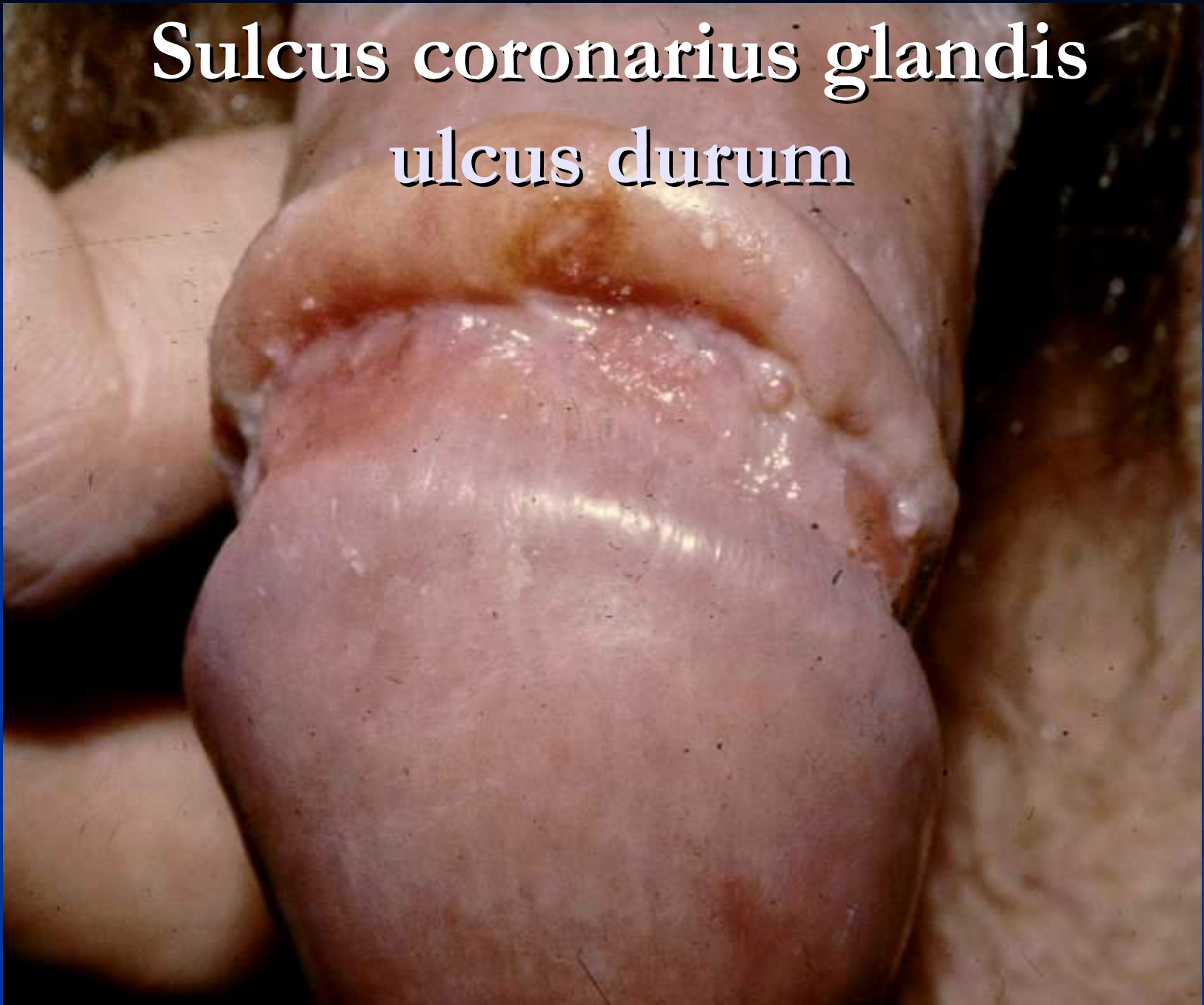
Erosive chancre



Syphilis primaria indurativa

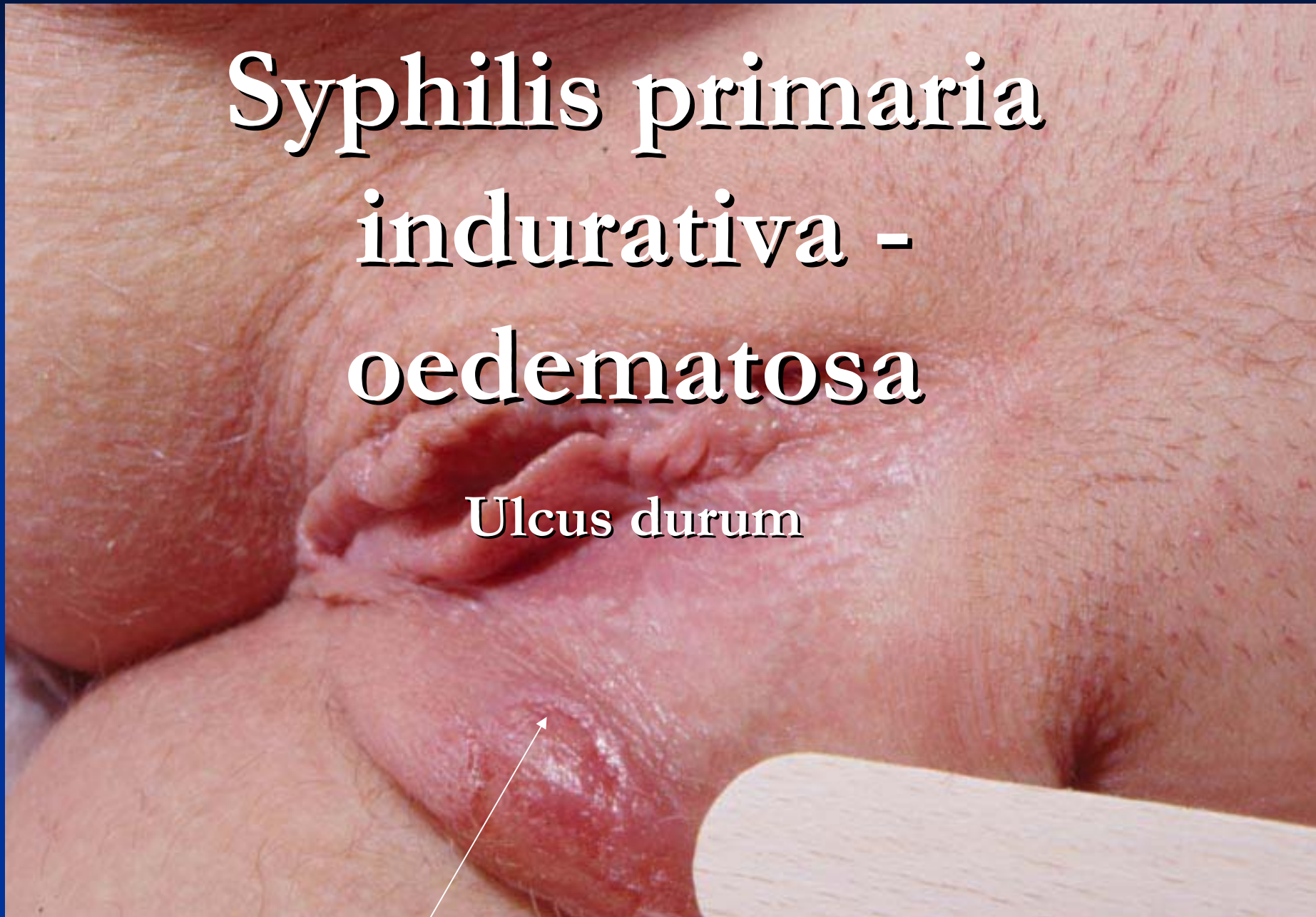


Sulcus coronarius glandis ulcus durum



Syphilis primaria indurativa - oedematosa

Ulcus durum



Oedema indurativum, phimosis chancre



is durum - chancre



Ulcus durum gangrenosum





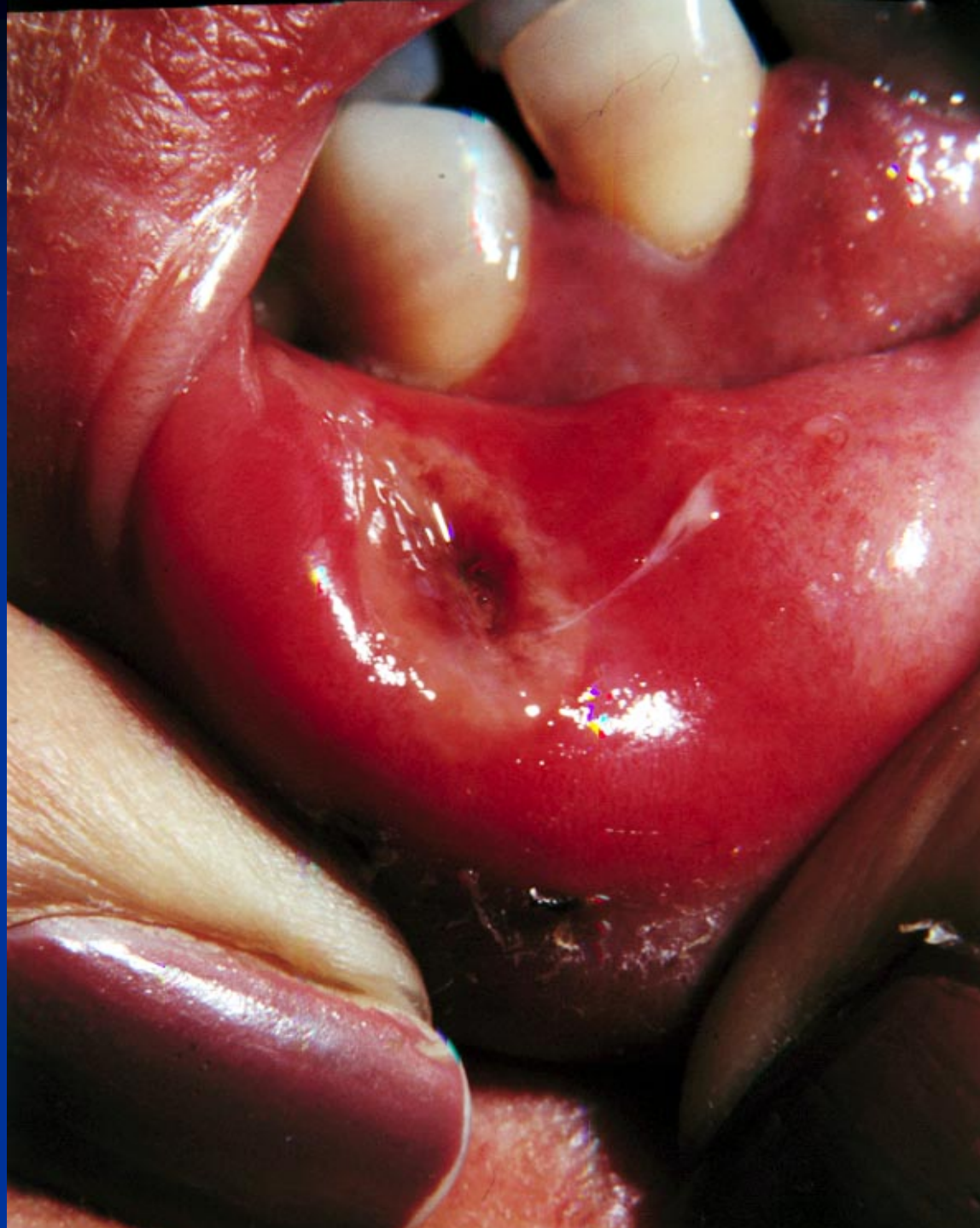
Ulcus mixtum

Treponema pallidum
+ *Hemophilus ducrei*

Extragenital Chancre



Extragenital chancre



Extragenital chancre



Lymph Node Swelling: Syphilitic Bubo



Syphilis secundaria recens



- maculosa –
roseola
syphilitica

Roseola syphilitica - rash



maculosa - rosoela syphilitica





Syphilis secundaria

papulosa

Syphilis papulosa



Sy papulosa +
condylomata lata,
dark-field positive



Syphilis II. papulosa mucosae oris



Syphilis II – on the tongue

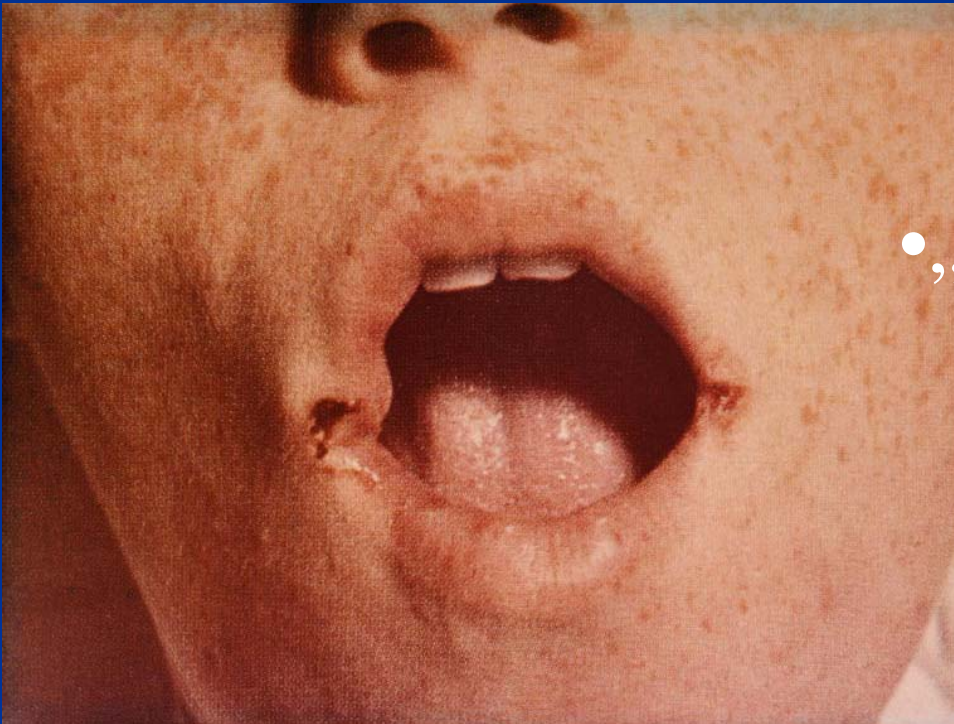


Syphilis II. mucosae oris

glossitis



Syphilis secundaria - papulae rhagadiformes



- „anguli syphilitici“

Angina syphilitica



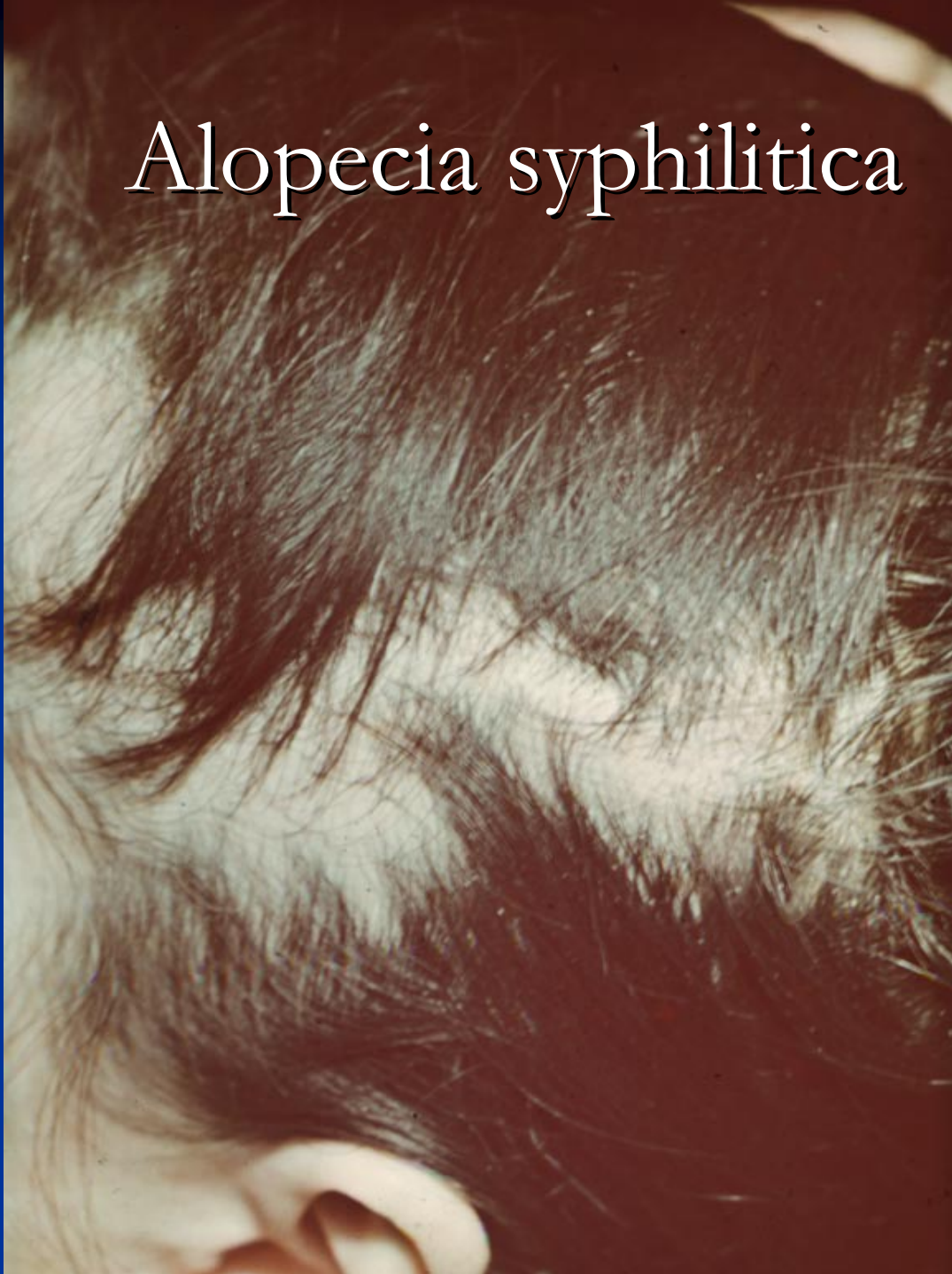
Alopecia syphilitica



diffusa

areolaris

Alopecia syphilitica



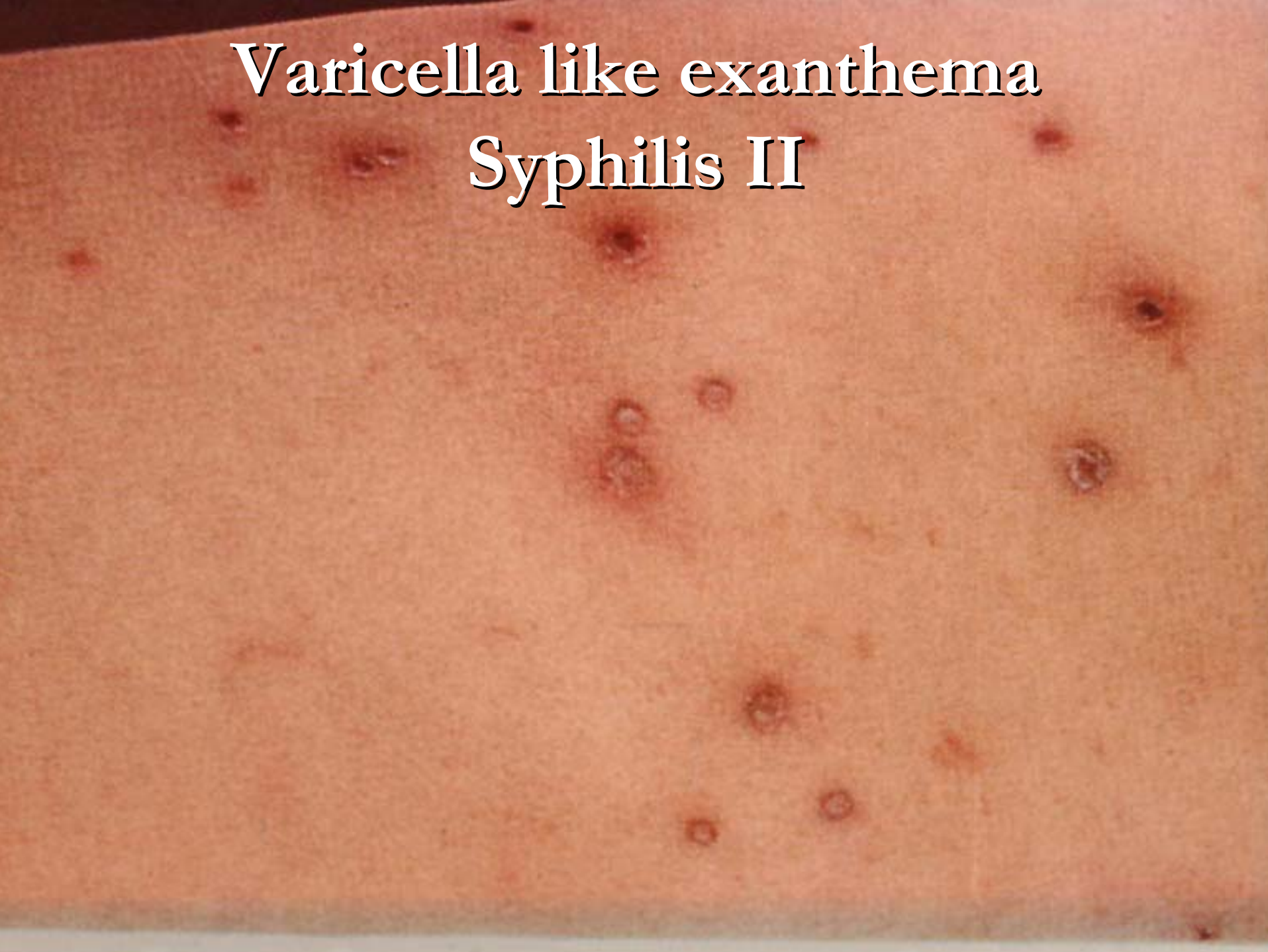


Syphilis secundaria

- recidivans
exanthema
- like
dermatitis
seborrhoica

Varicella like exanthema

Syphilis II





Condylomata lata
Highly infectious
lesions

Condylomata lata perianalis



Syphilis II – scaly, psoriasiform rash



Syphilis secundaria papulosa



Syphilis tertiaria

lingua lobata

- Glossitis interstitiaria sclerotisans profunda





Dfg. TBC cutis

Sy tertiaria ulcero-
serpiginosa



Aneurysma aortae

Syphilis tertiaria

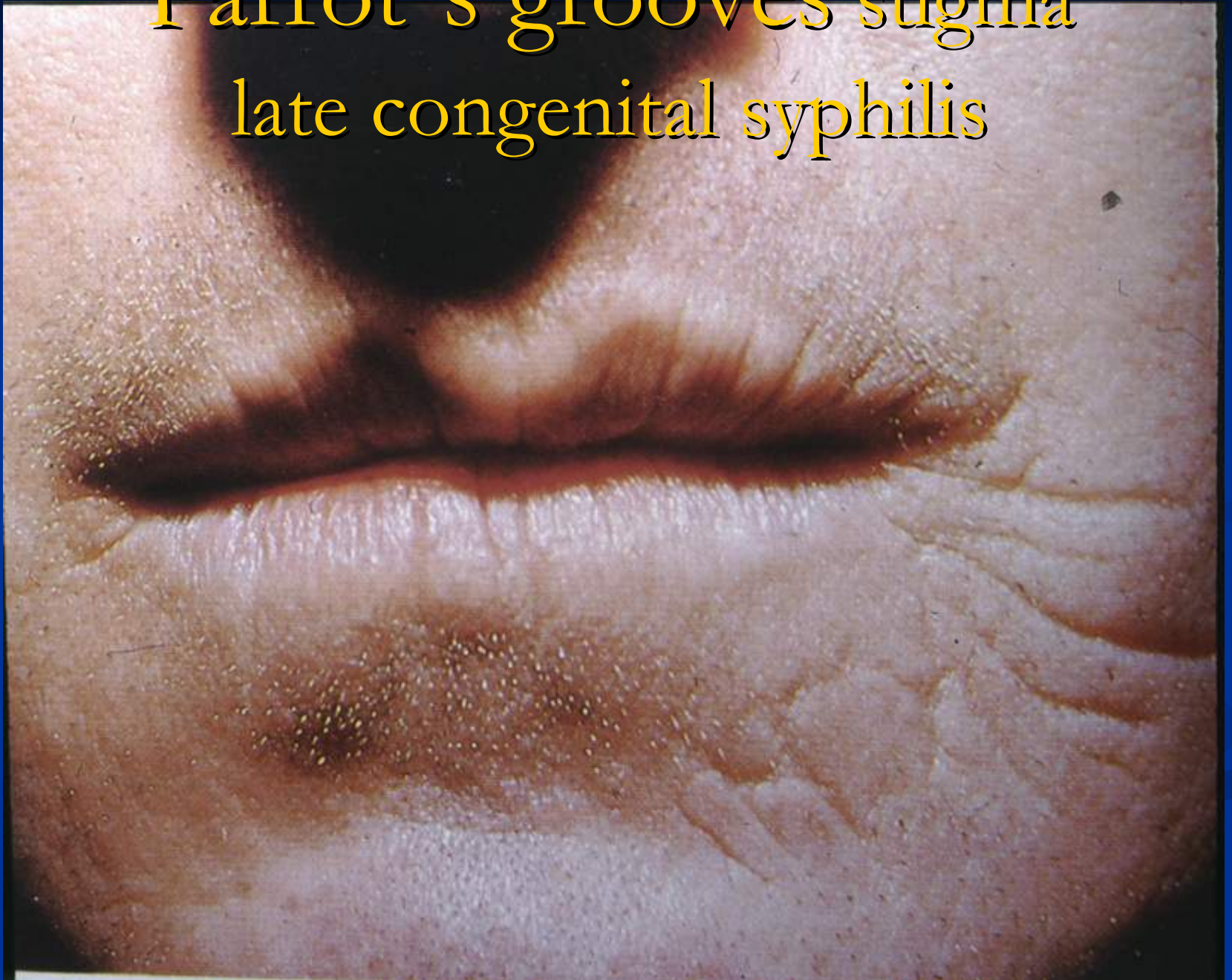


Syphilis
congenita tarda
Facies syphilitica

Hutchinson's teeth



Parrot's grooves stigma late congenital syphilis



Gonorrhoea acuta anterior

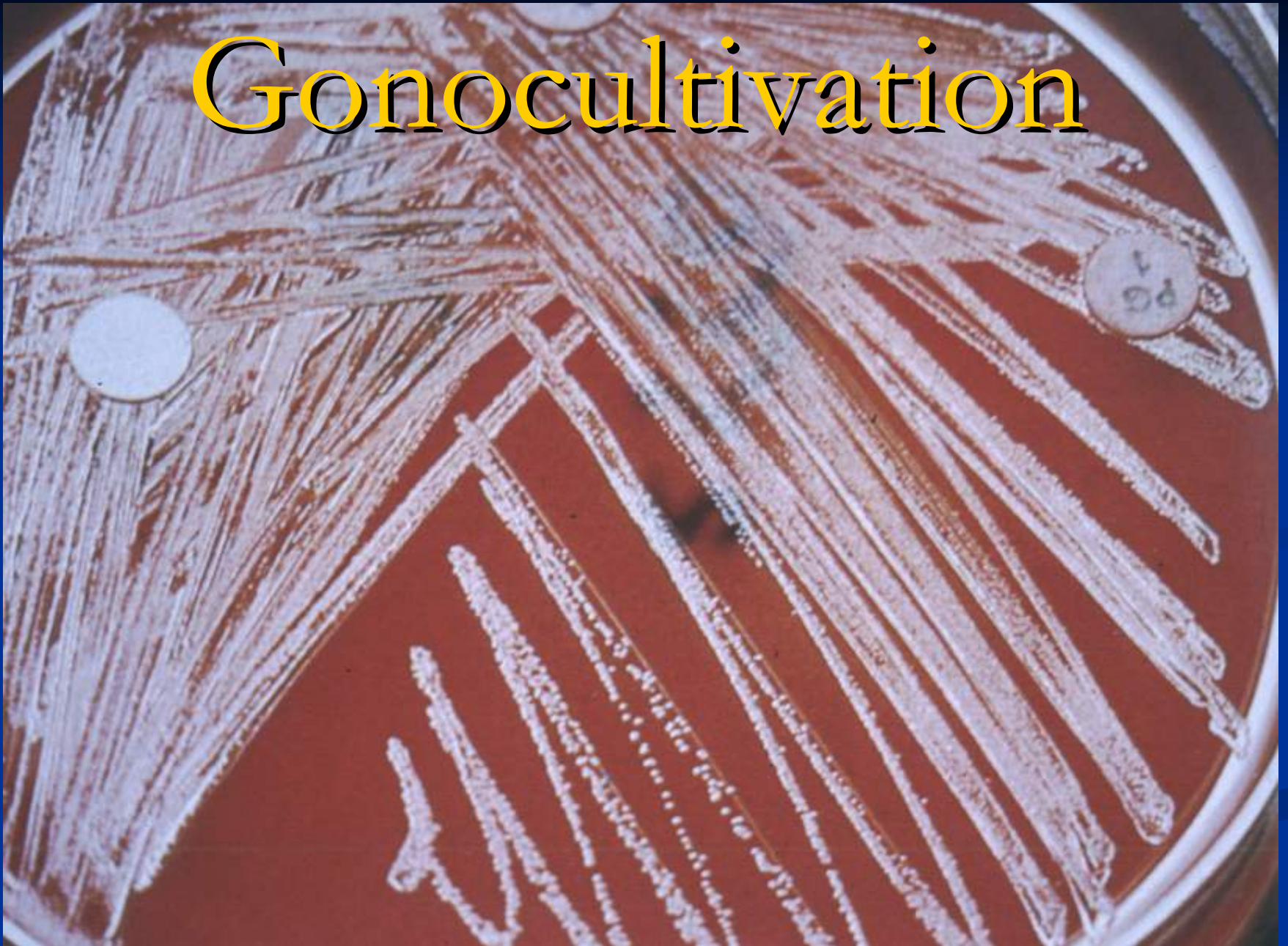


- **Neisseria gonorrhoeae**
- **Urethral discharge - purulent**

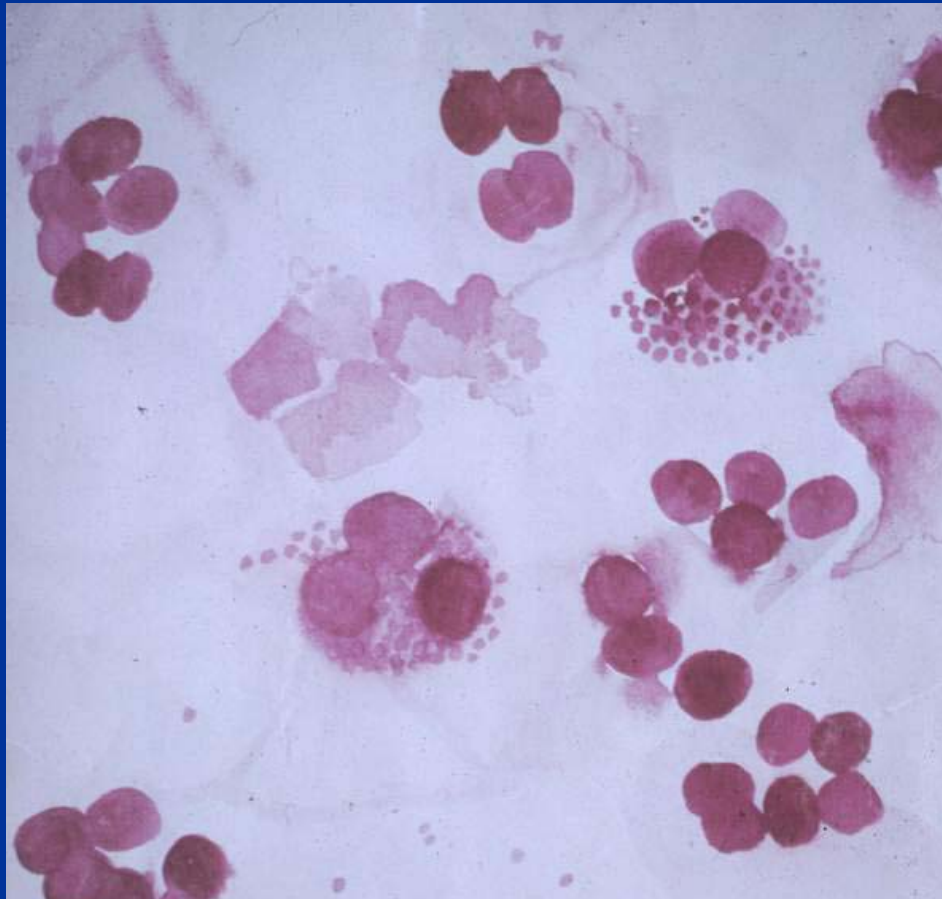
Gonorrhoea acuta



Gonocultivation



Go acuta- microscopic picture
Neisseria gonorrhoeae, Gramm neg.



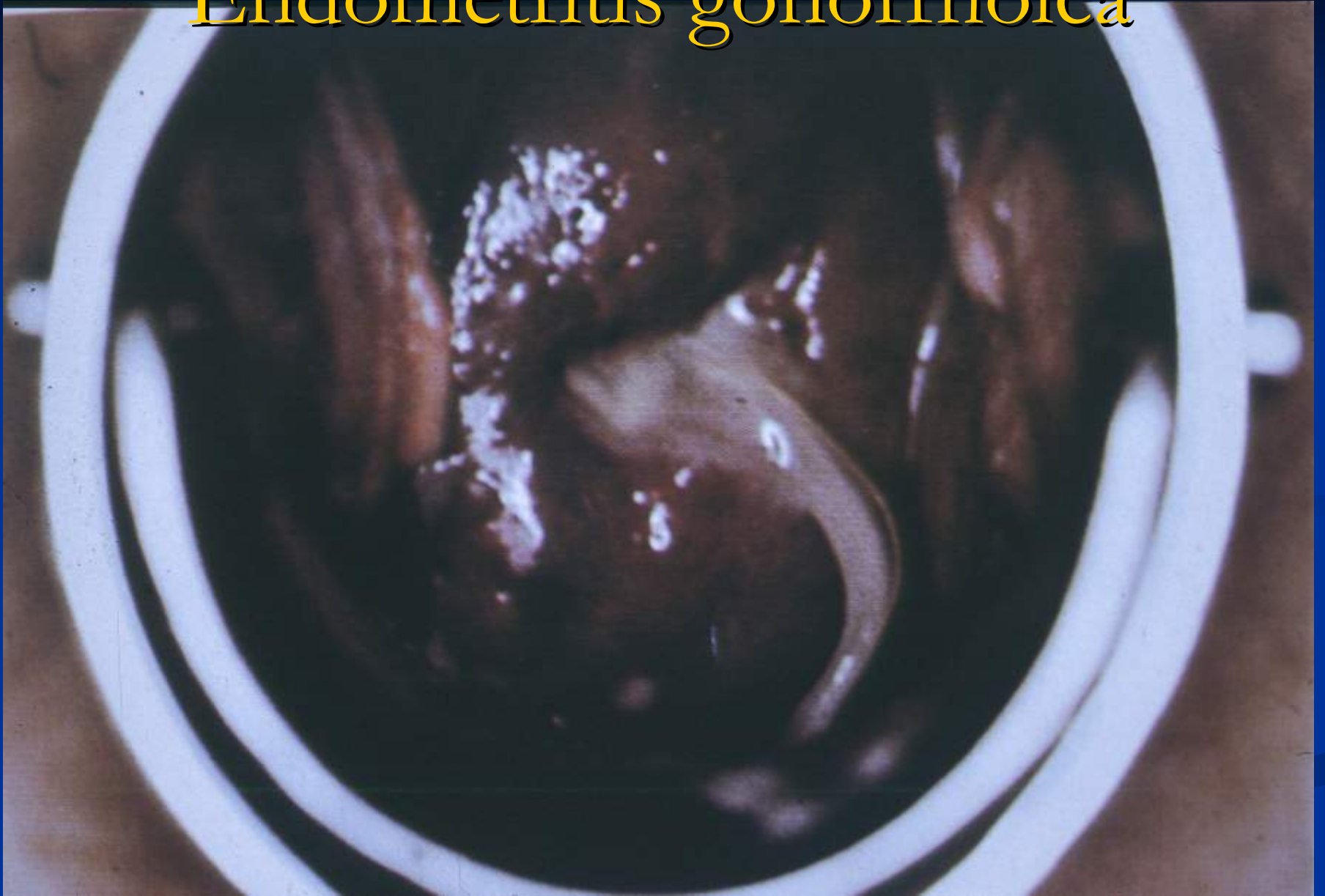
Bartholinitis gonorrhoeica acuta



Go absces glandulae vestibulares maiores

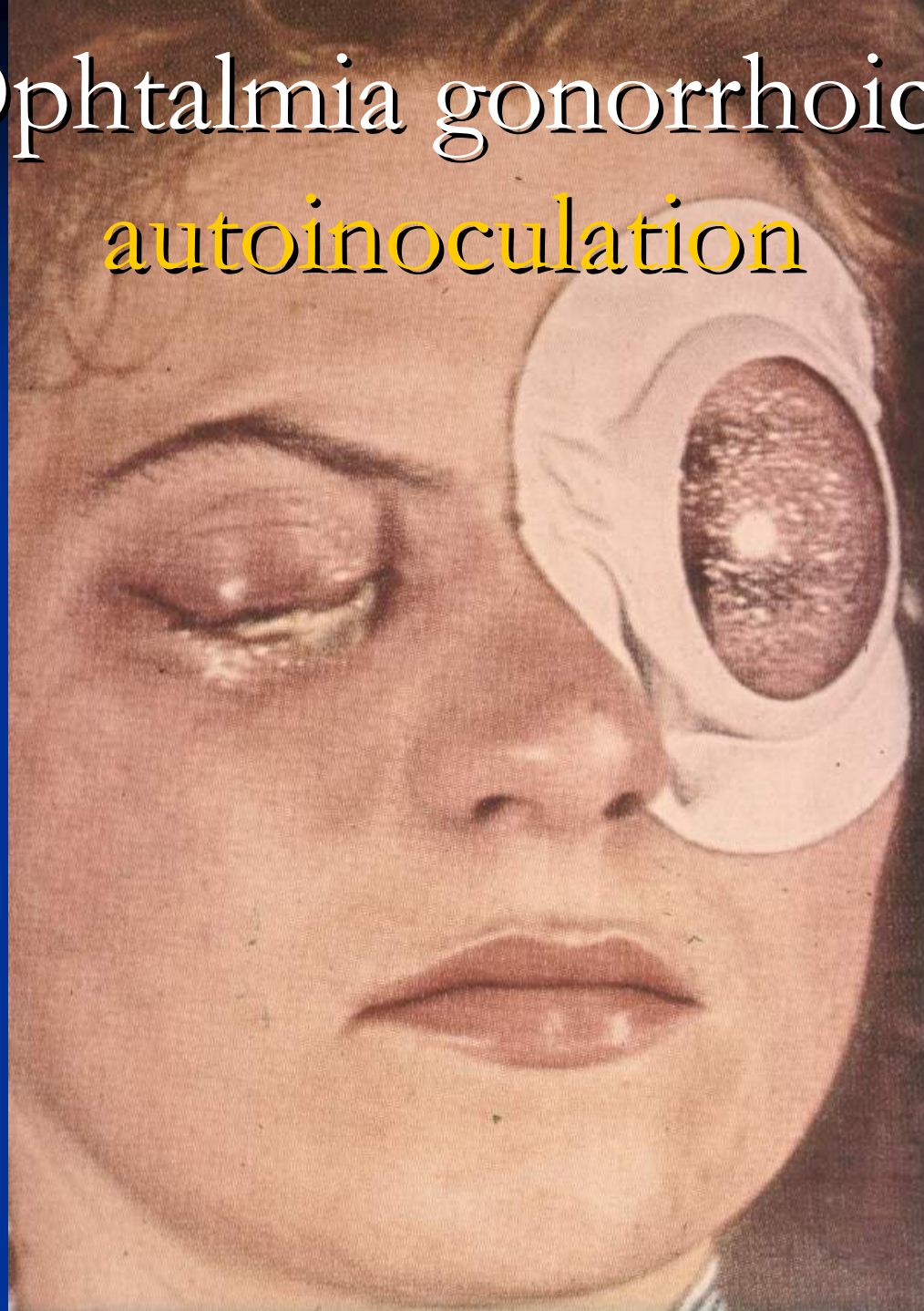


Endometritis gonorrhoeica



Ophthalmia gonorrhoeica

autoinoculation



Ophtalmia gonorrhoeica neonatorum



Vulvovaginitis gonorrhoeica infantum

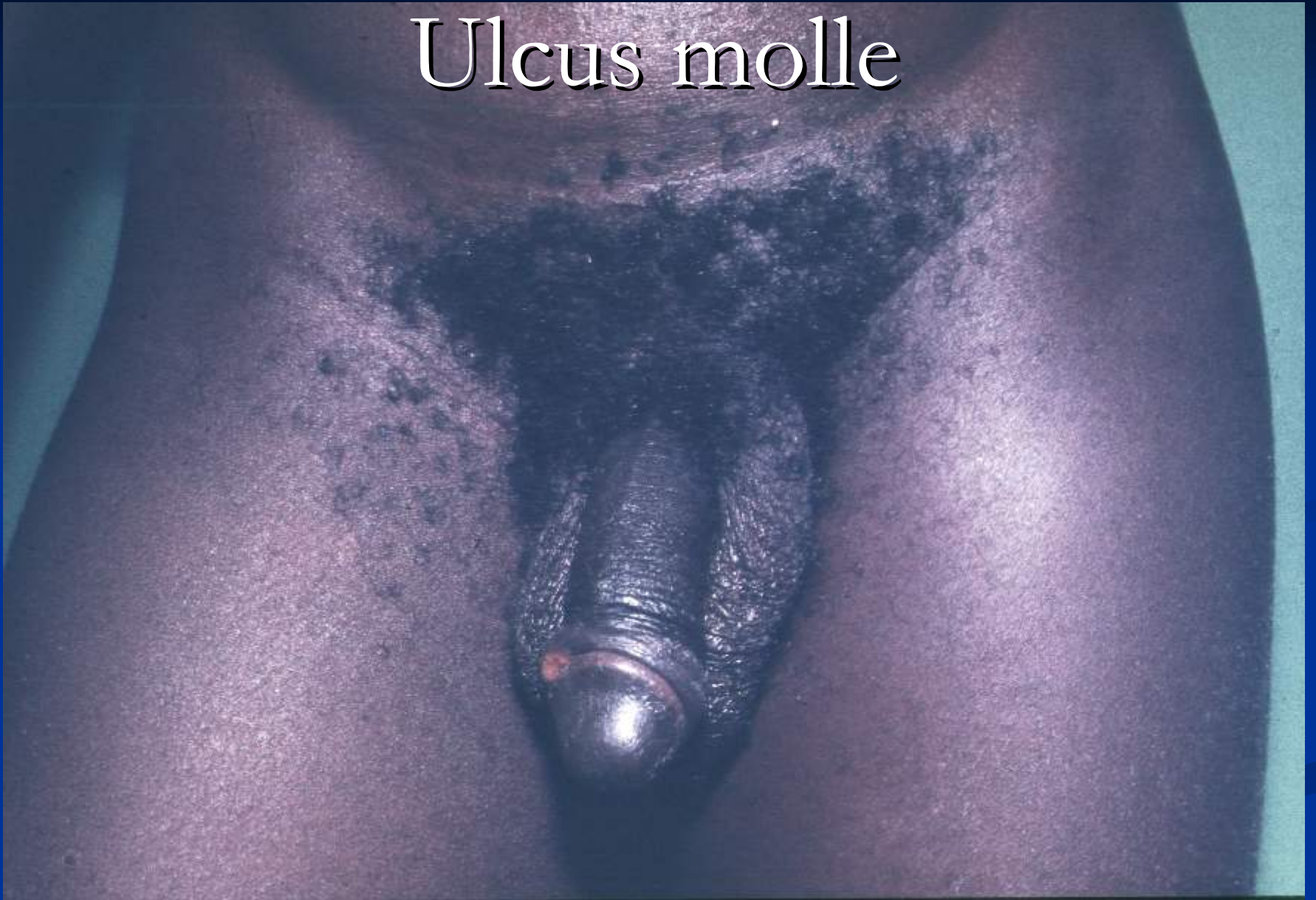


Ulcus molle-chancroid, soft chancre *Haemophilus ducreyi* (streptobacilli)



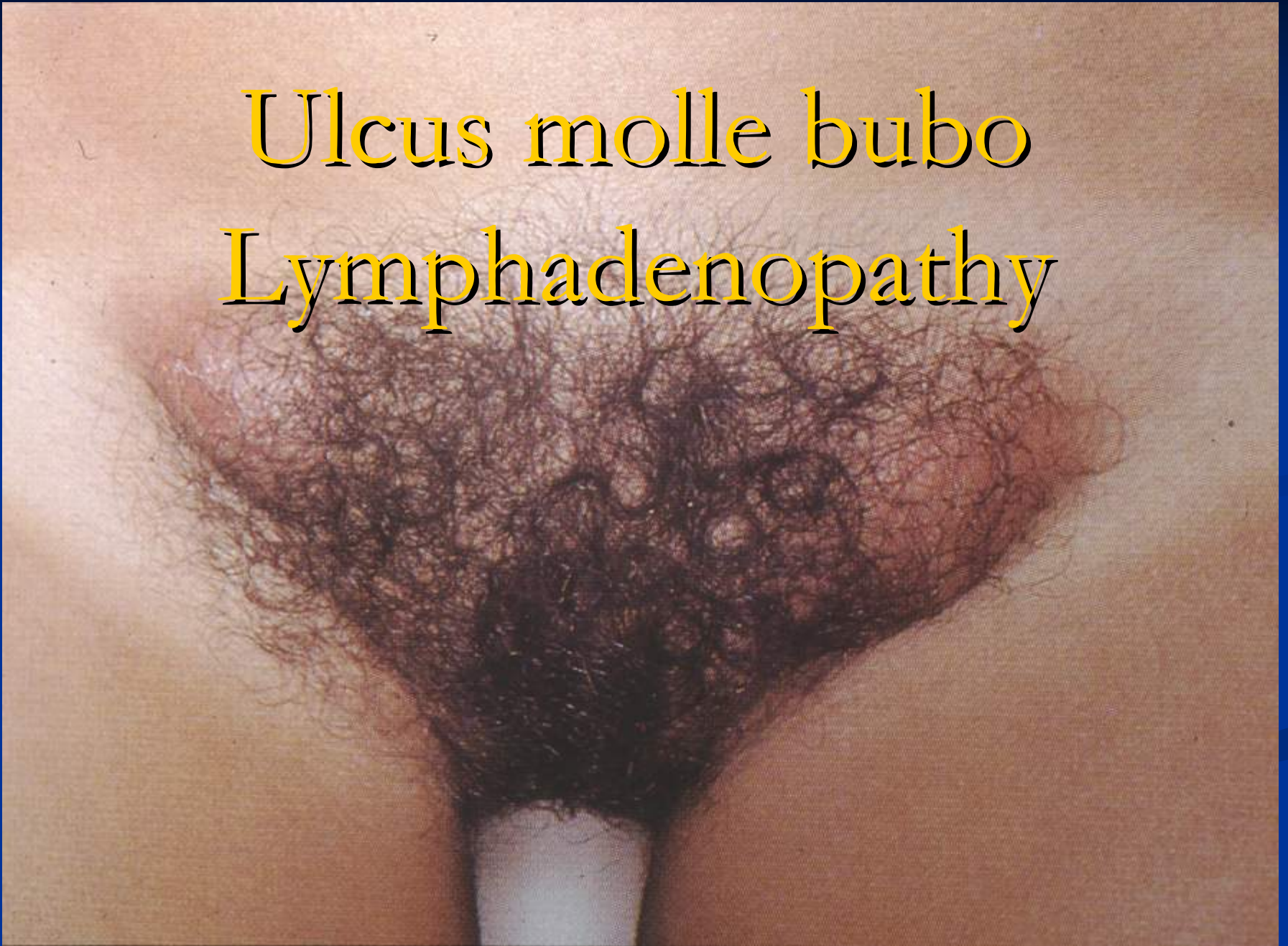
- Dif.diagnosis
- Ulcus mixtum
+ *Treponema pallidum*

Ulcus molle



Ulcus molle bubo

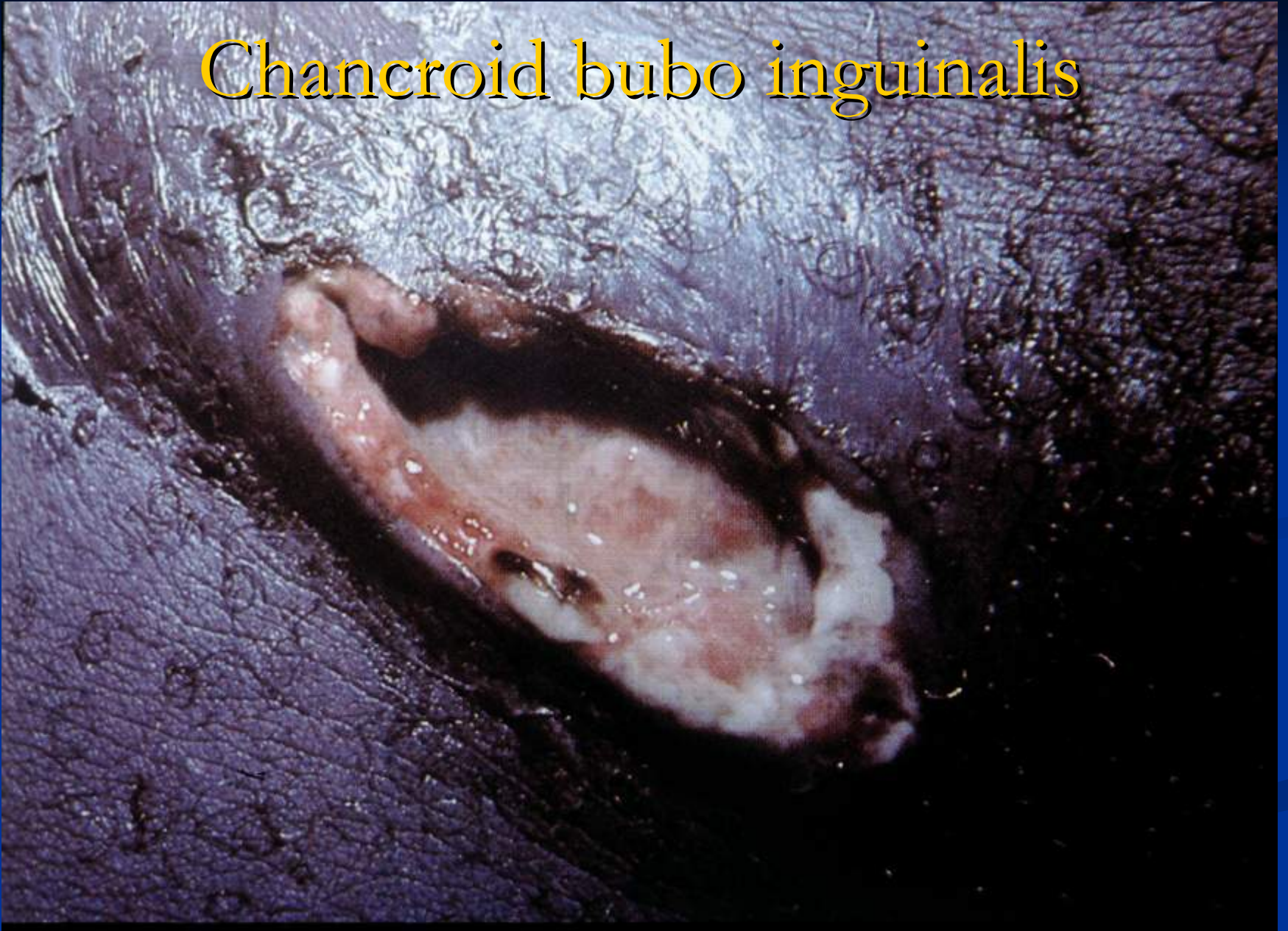
Lymphadenopathy



Ulcus molle Bubo



Chancroid bubo inguinalis



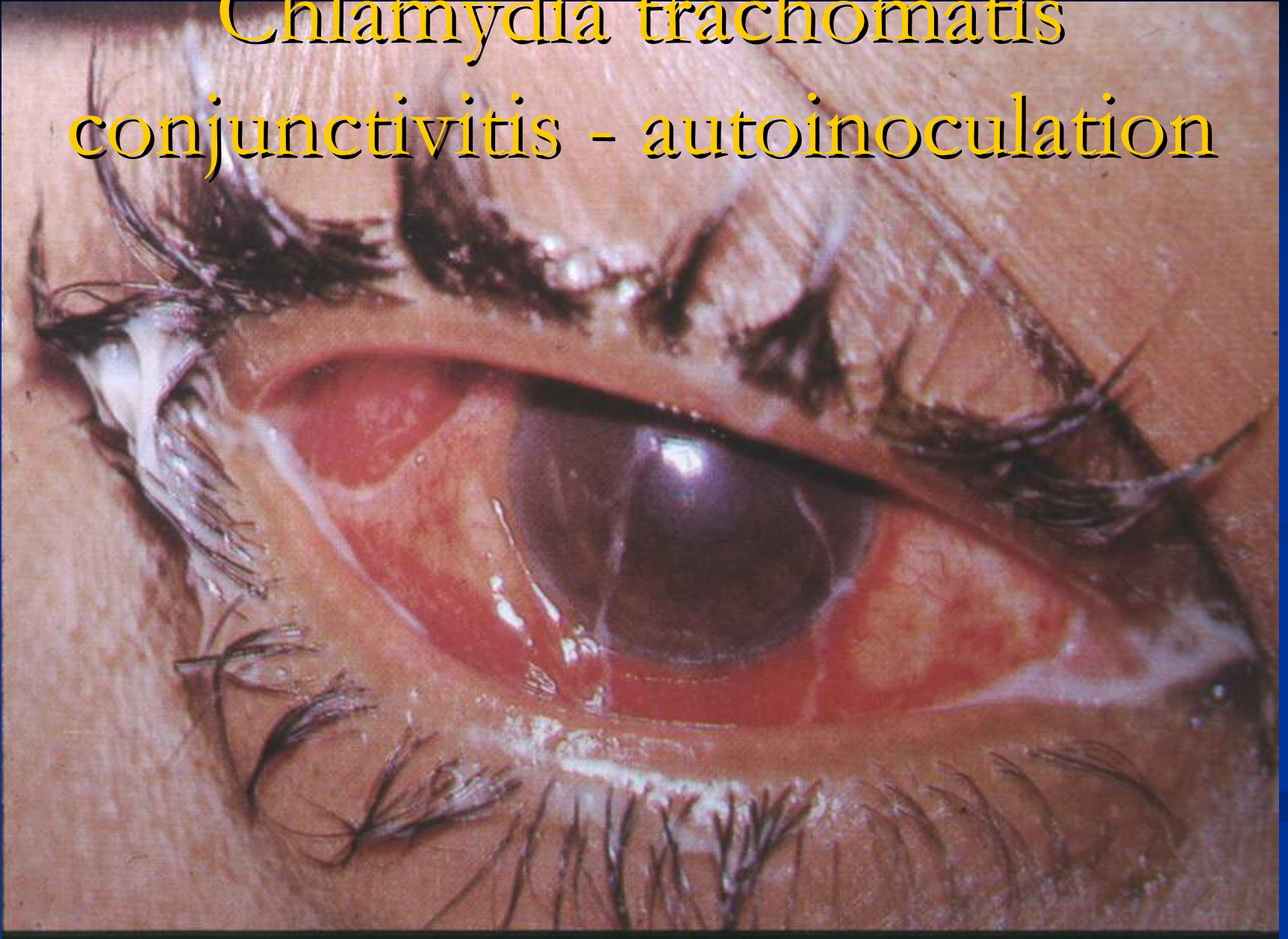
Lymphogranuloma venereum
chlamydia trachomatis
A, serotype L1-L3, elephantiasis



Urethritis nonspecific
Chlamydia trachomatis serotype **D**
- **K**



Chlamydia trachomatis conjunctivitis - autoinoculation



Condylomata acuminata

—anogenital warts



human papillomavirus (HPV) 6, 11, 16, 18,
31, 33, 35, ...41-45, 56, 59 genotypes

Condylomata acuminata scrotum



herpes genitalis – HSV-2,1



Herpes perianalis ulcus

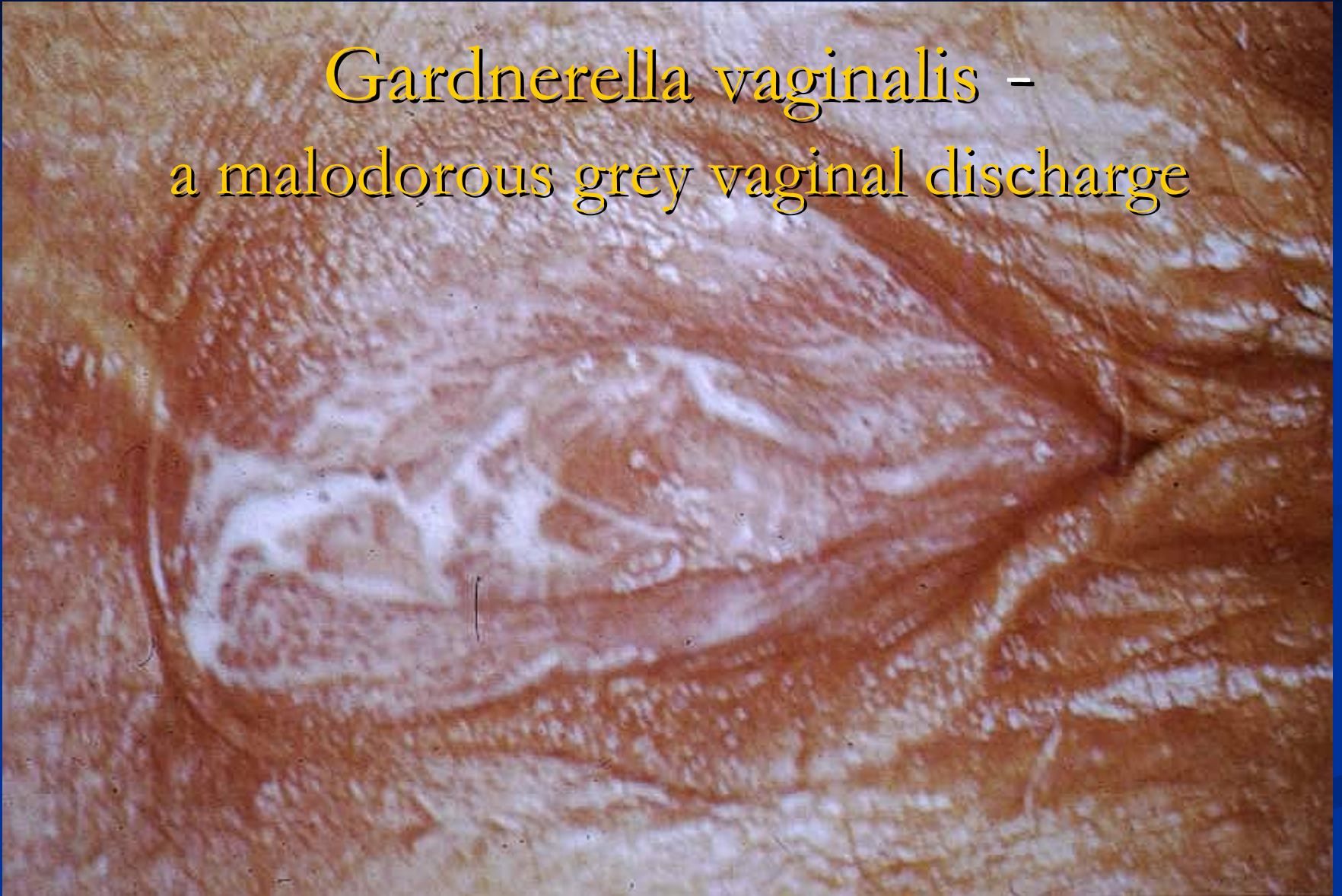
- Herpes simplex virus genotypes 2,1, recidivans
- Dfg. Syphilis primaria
- Examination in dark-field

Balanoposthitis candidamycetica

Candida albicans

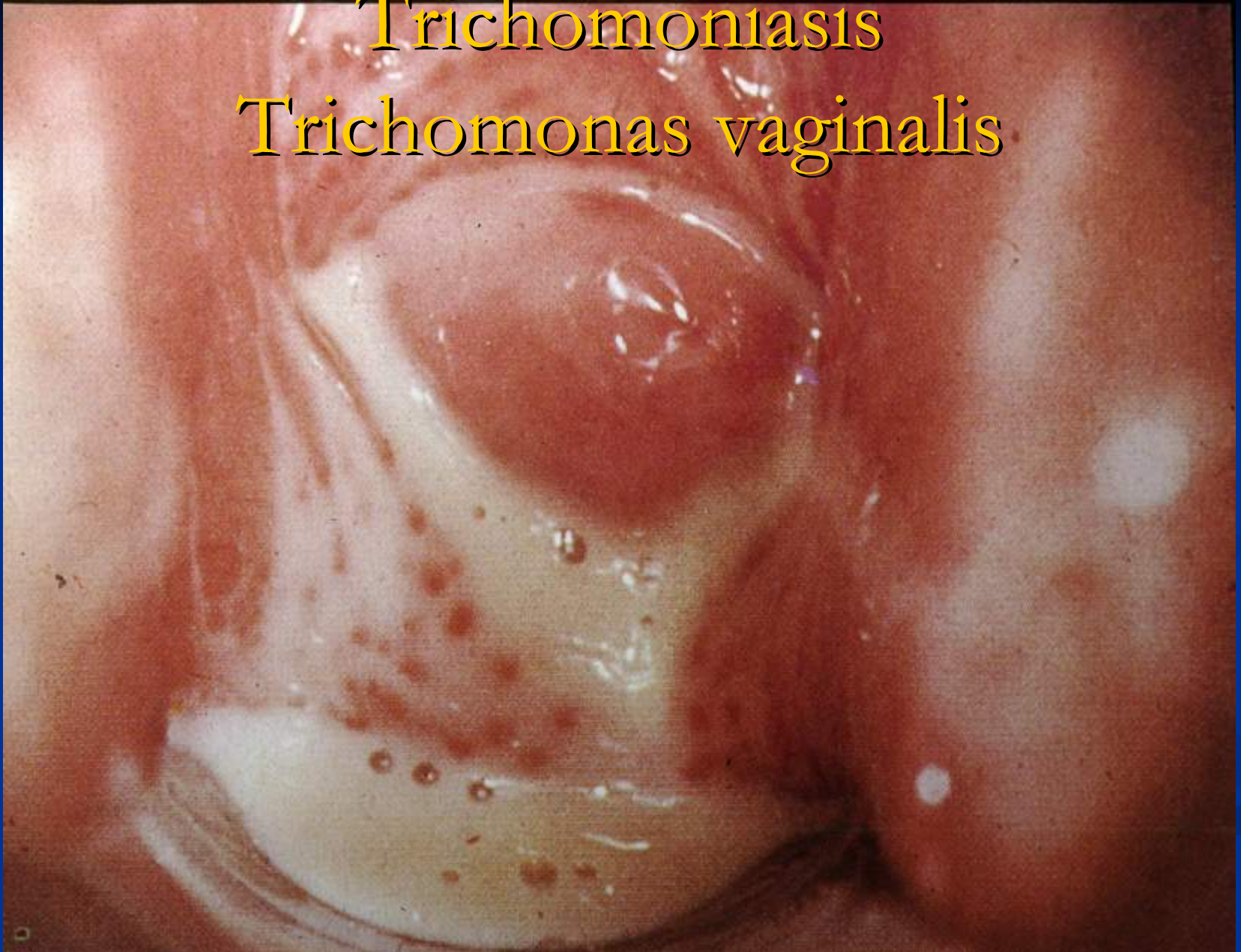


Gardnerella vaginalis -
a malodorous grey vaginal discharge



Trichomoniasis

Trichomonas vaginalis



Pediculosis capitis et pubis

Pediculus pubis



Scabies

Sarcoptes scabiei



Scabies - glans penis



Molluscum contagiosum

umbilicated papules



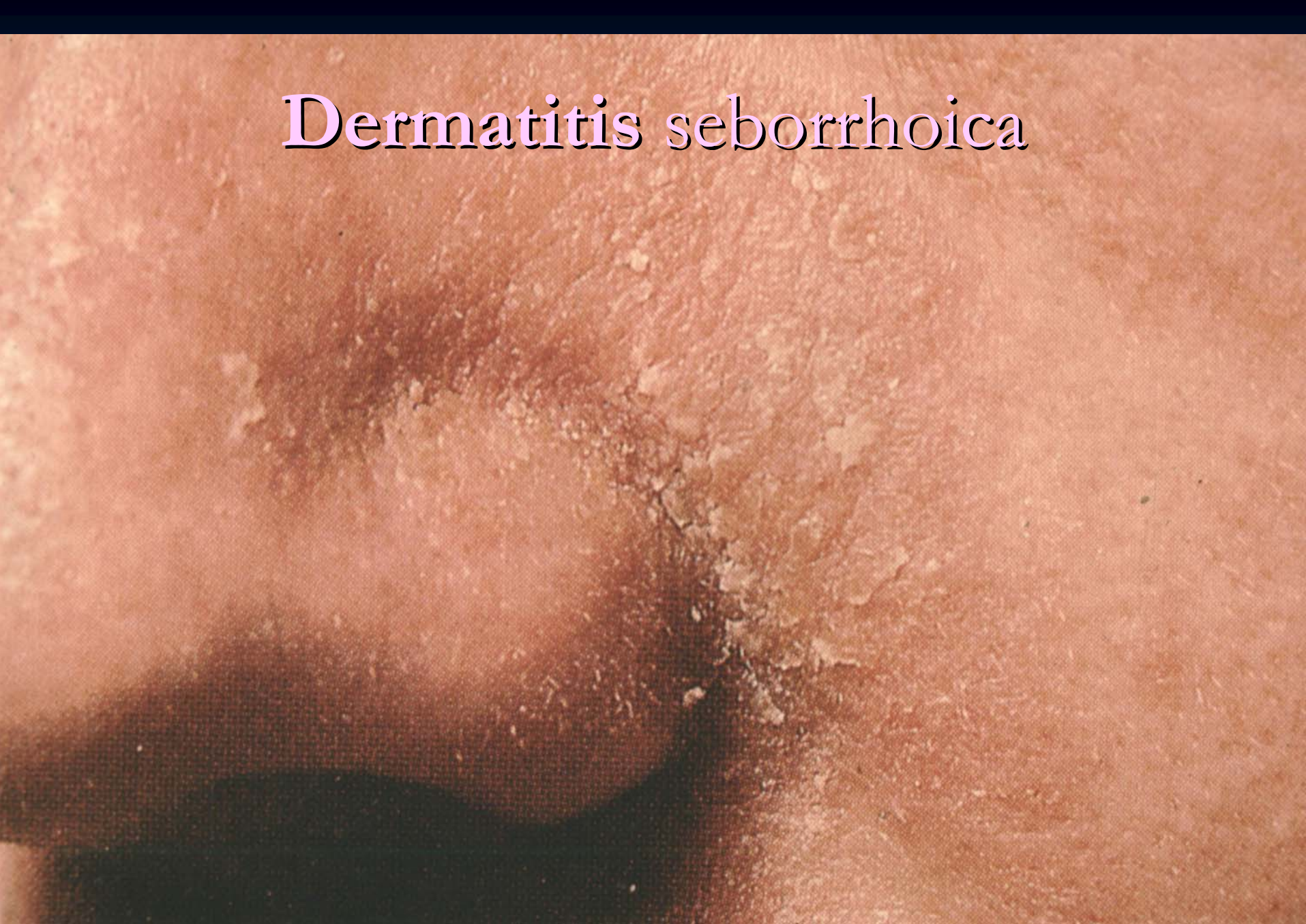
Skin signs by HIV infection

A Colour Atlas of AIDS

CF. FARTHING, SE. BROWN et al.

Wolfe Medical Publ. Ltd London, 1986

Dermatitis seborrhoica



Typical predilection



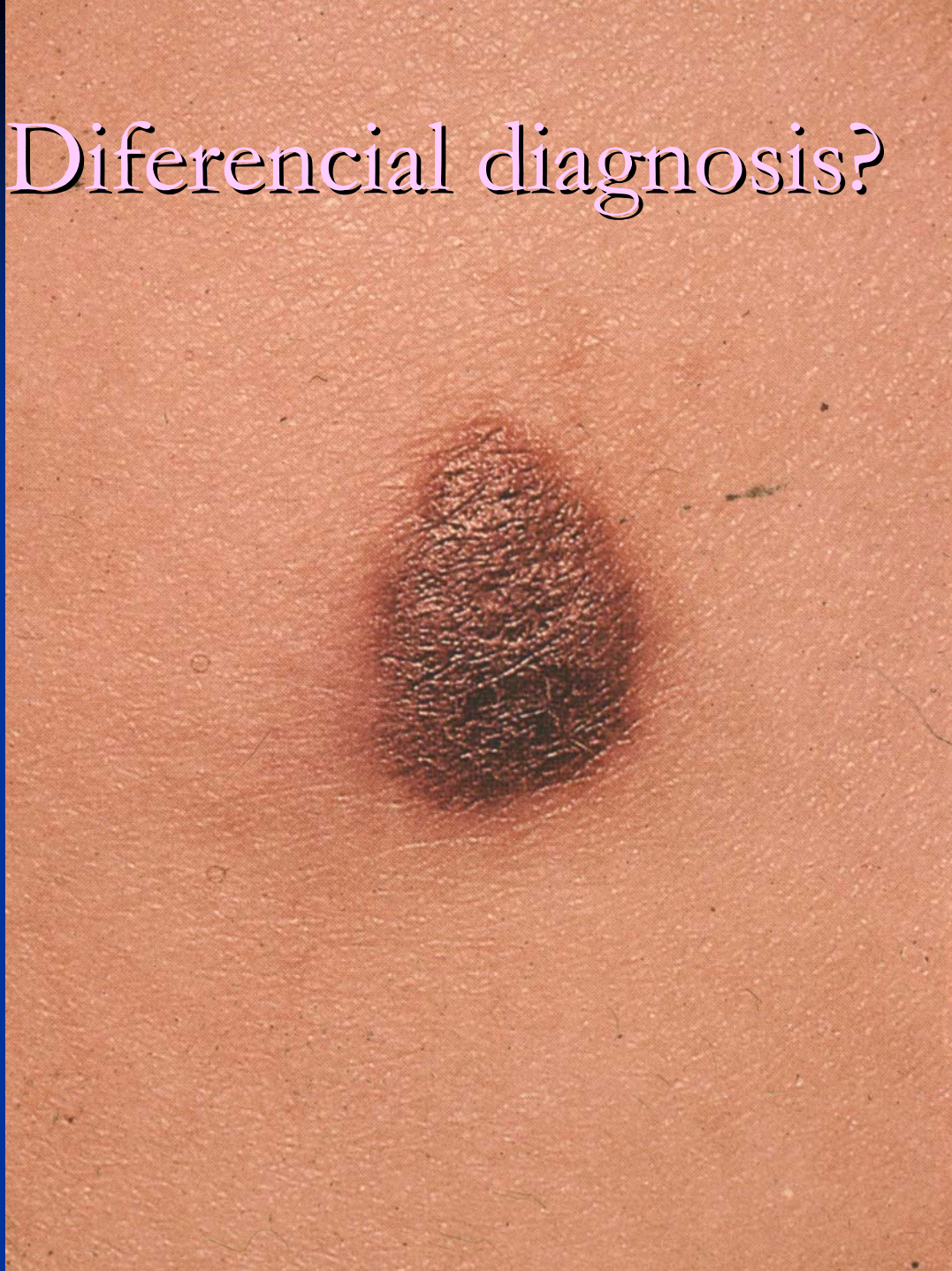
Dermatitis seborrhoica - folliculitis



Sarcoma idiopathicum multiplex hemorrhagicum Kaposi (1872)



Diferencial diagnosis?



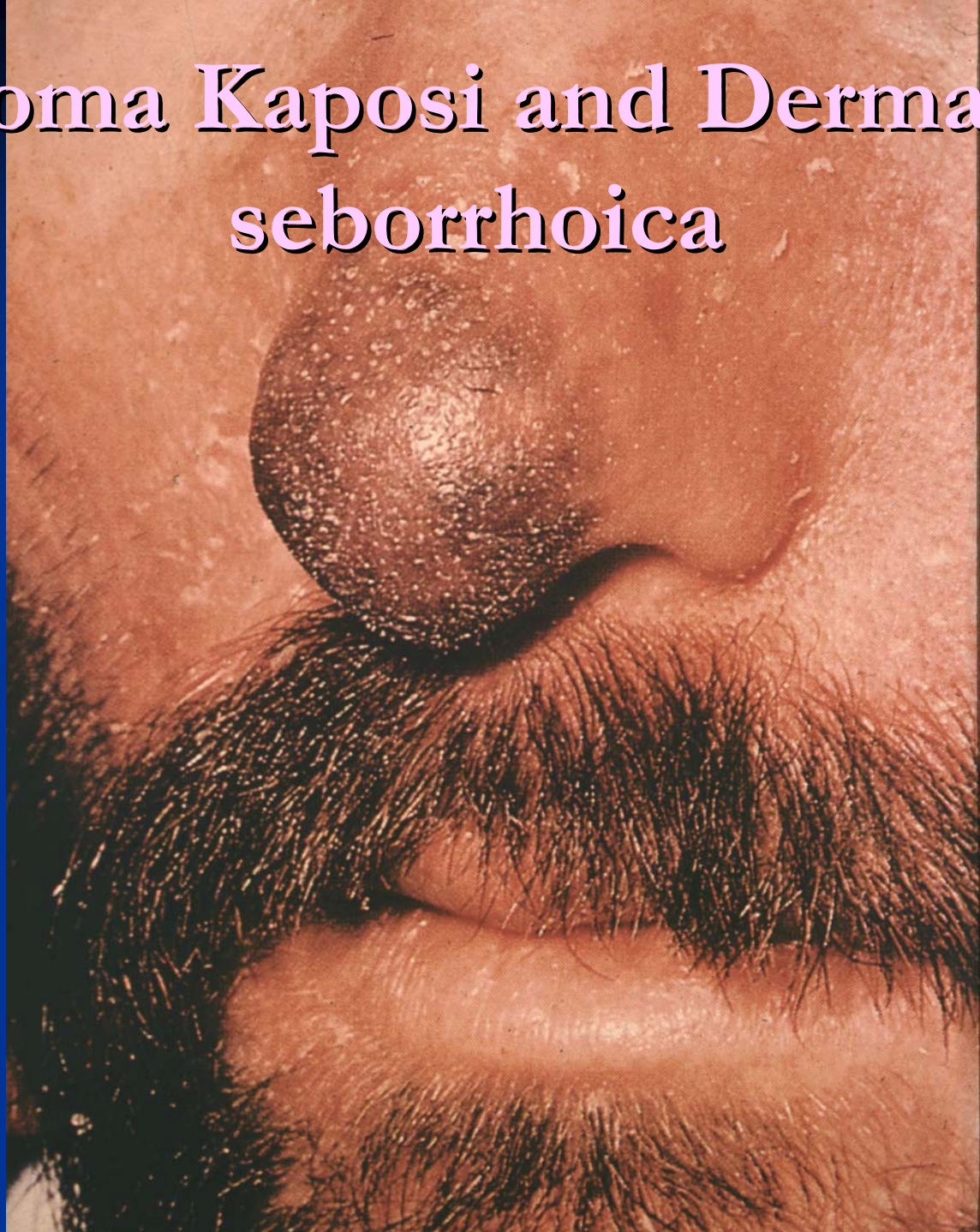
Sarcoma Kaposi multiplex



Sarcoma Kaposi multiplex



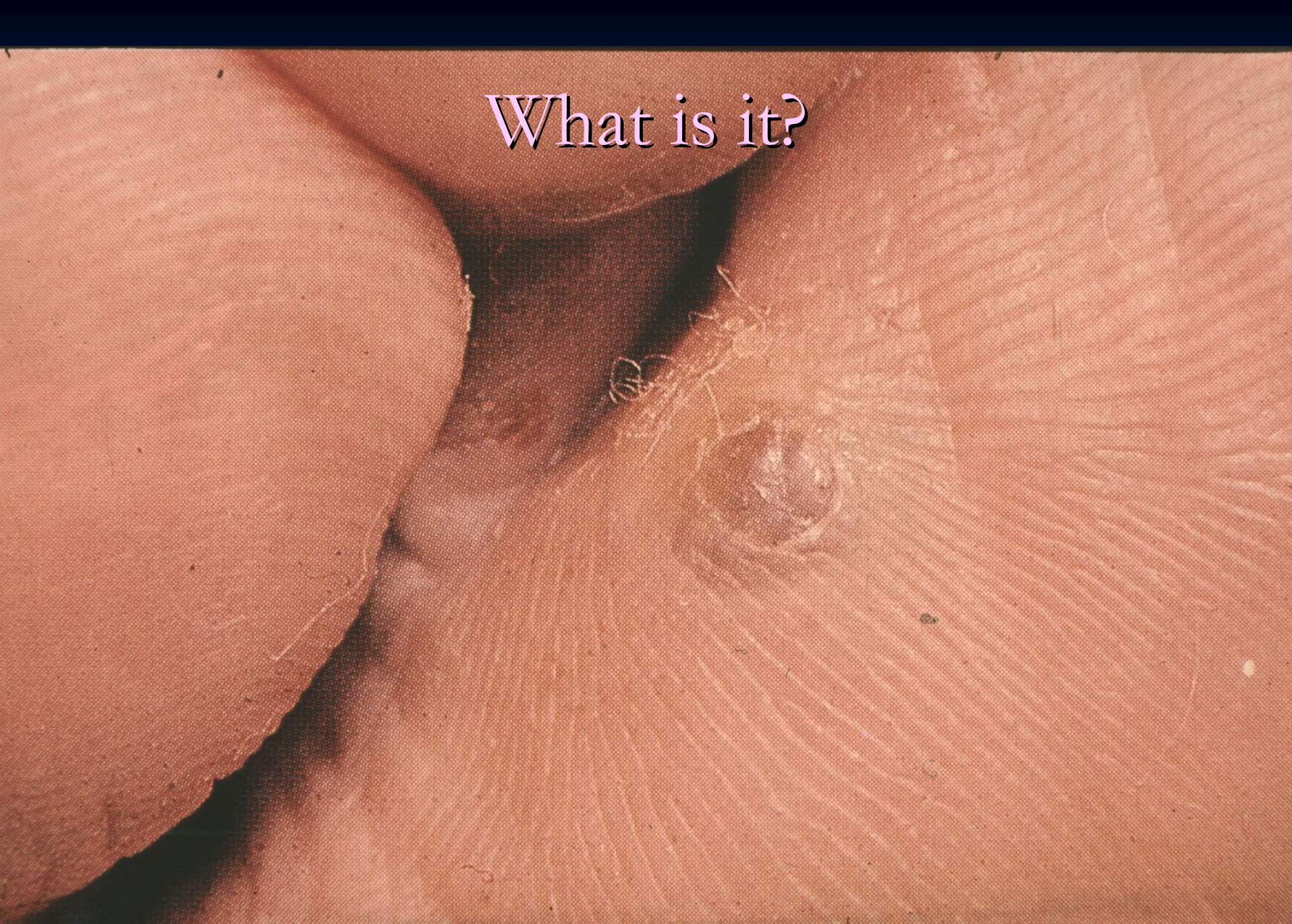
Sarcoma Kaposi and Dermatitis seborrhoica



Genital sarcoma Kaposi



What is it?



Sarcoma Kaposi after two months



Herpes zoster



Herpes zoster recidivans



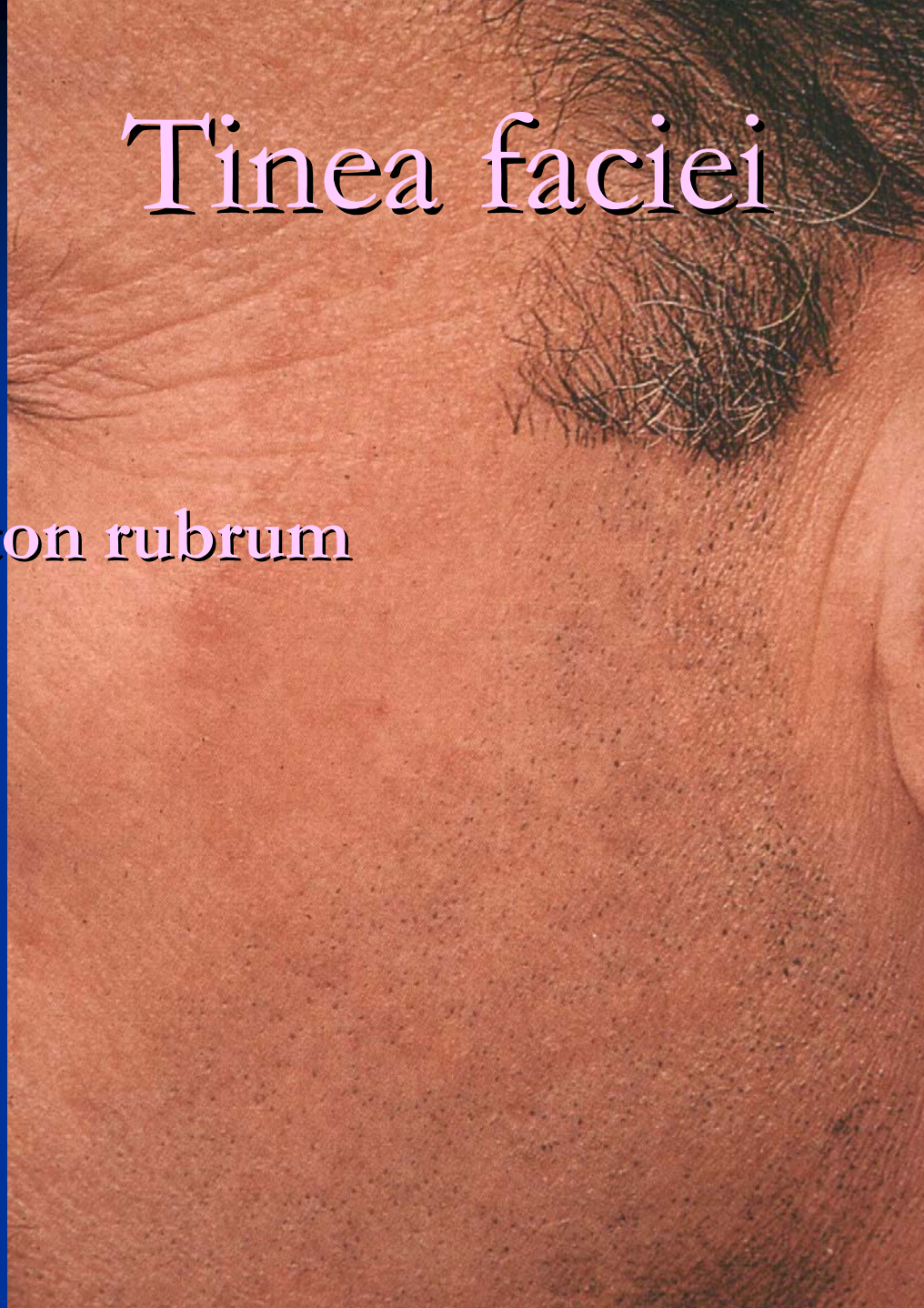
Condylomata acuminata gigantea

■ Carcinoma
spinocellulare



Tinea faciei

Trichophyton rubrum

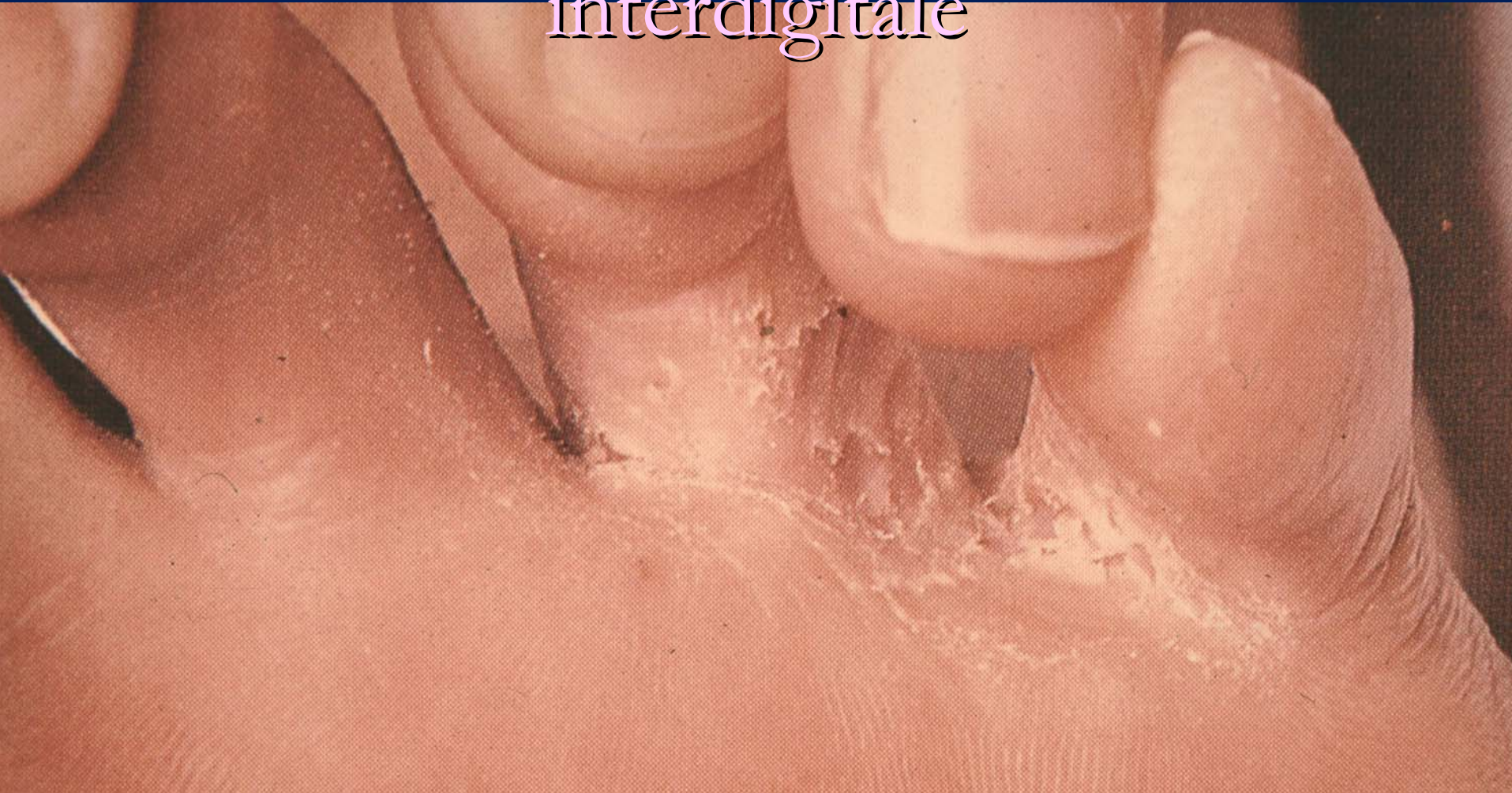


Tinea corporis - Tr.rubrum

Tinea pedis

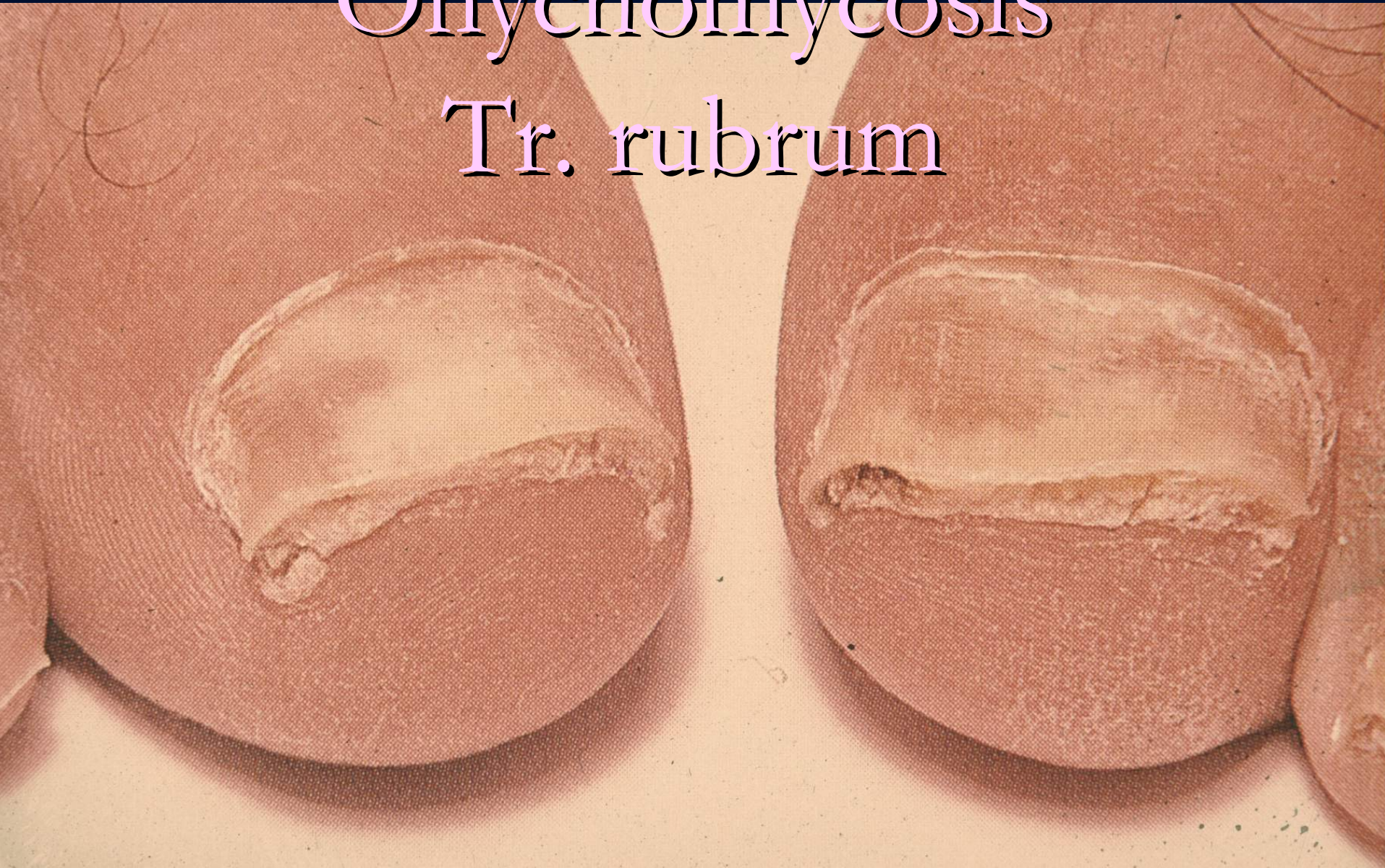


Trichophyton mentagrophytes var. interdigitale



Onychomycosis

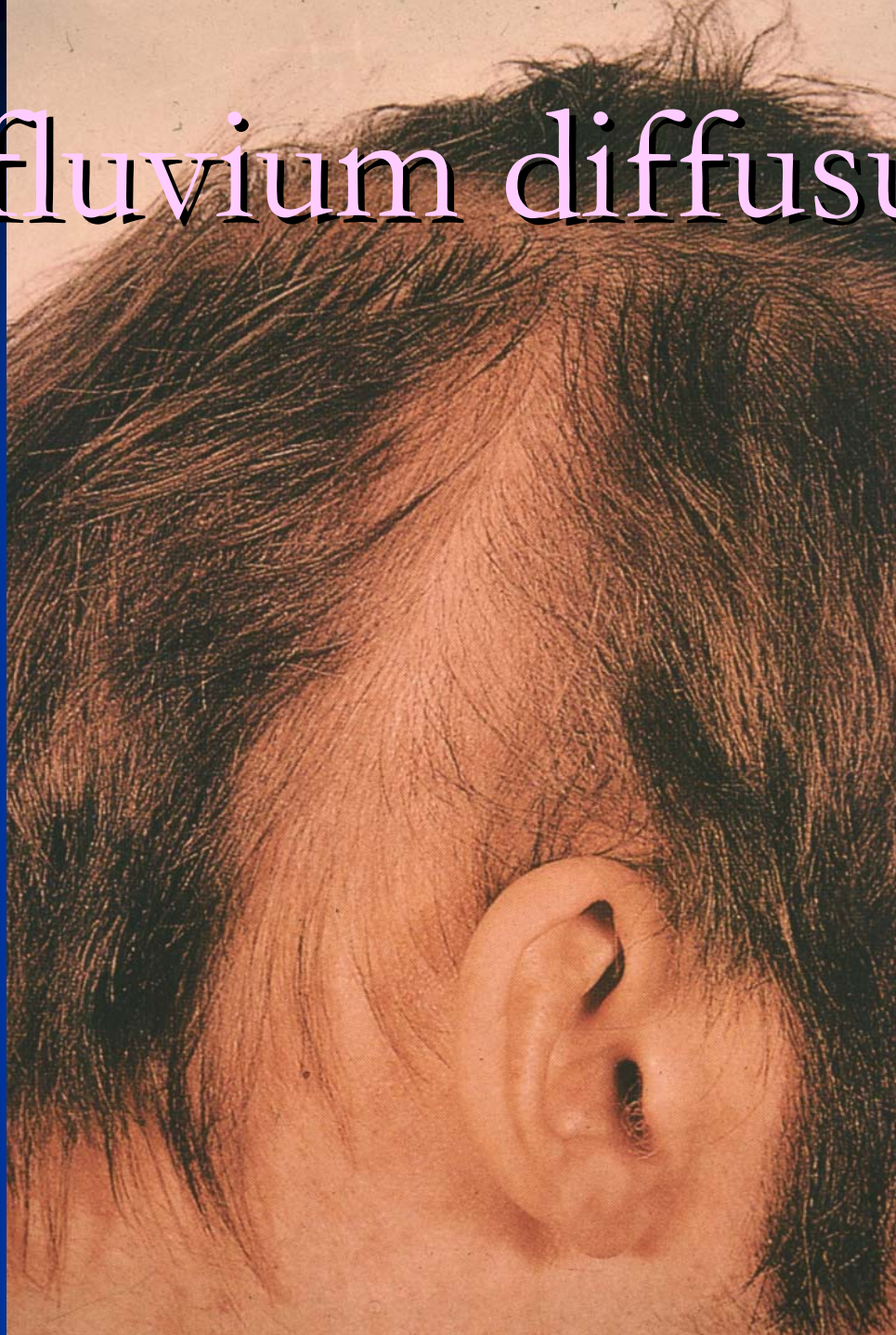
Tr. rubrum



Impetigo contagiosa



Defluvium diffusum

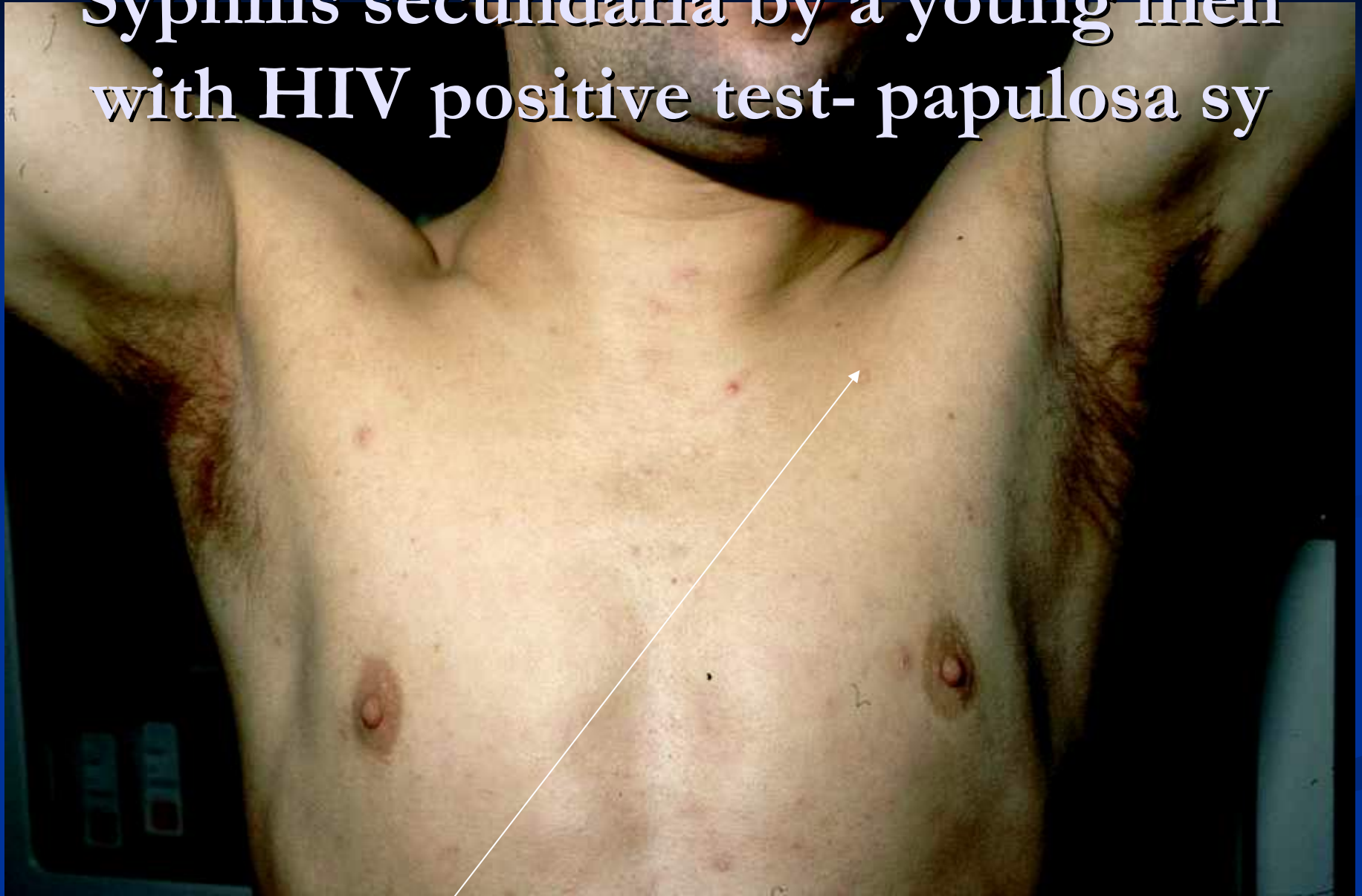


Xerosis cutis

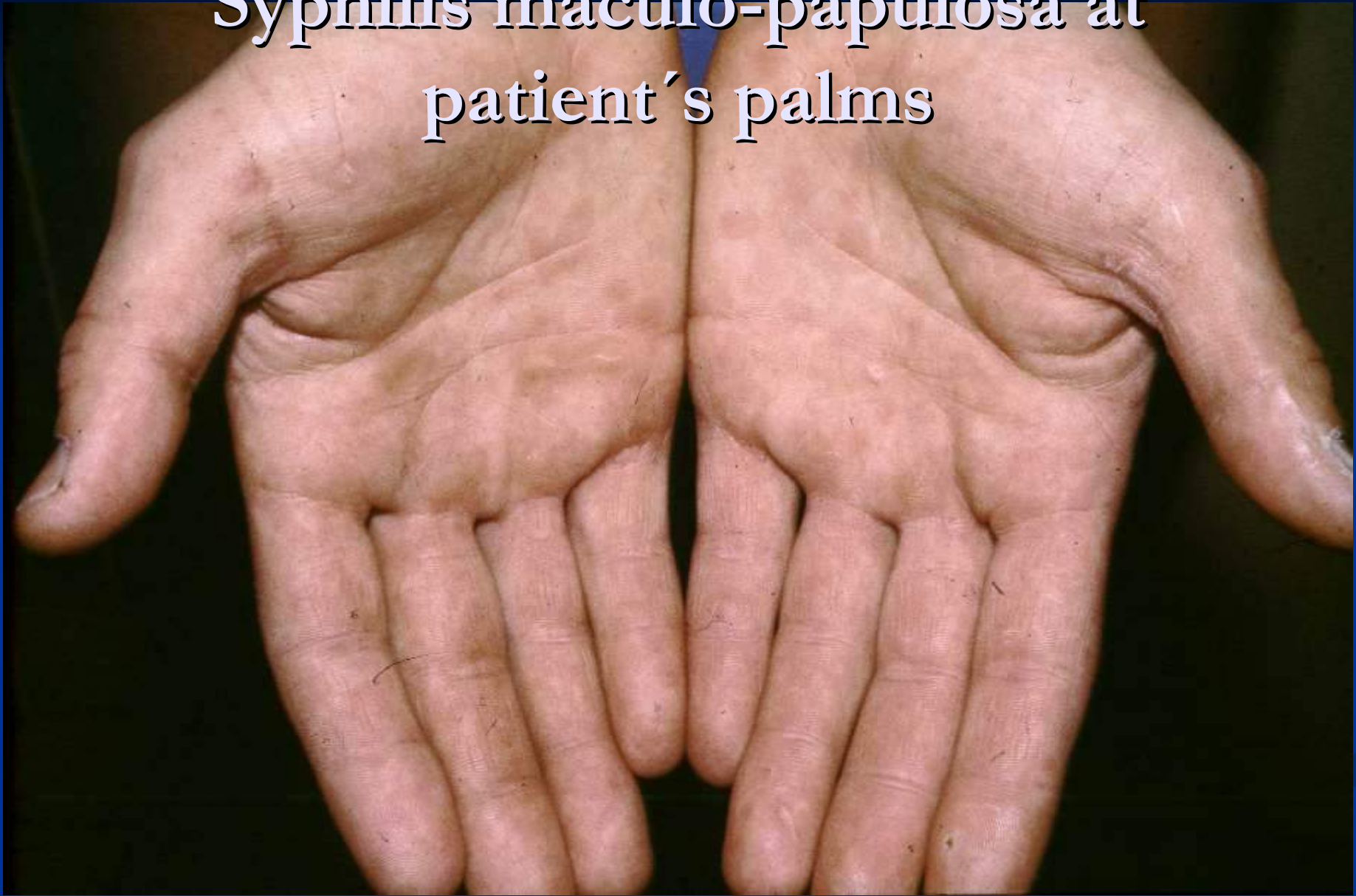
- pruritus
- generalisatus
- erythroderma
- kachexia



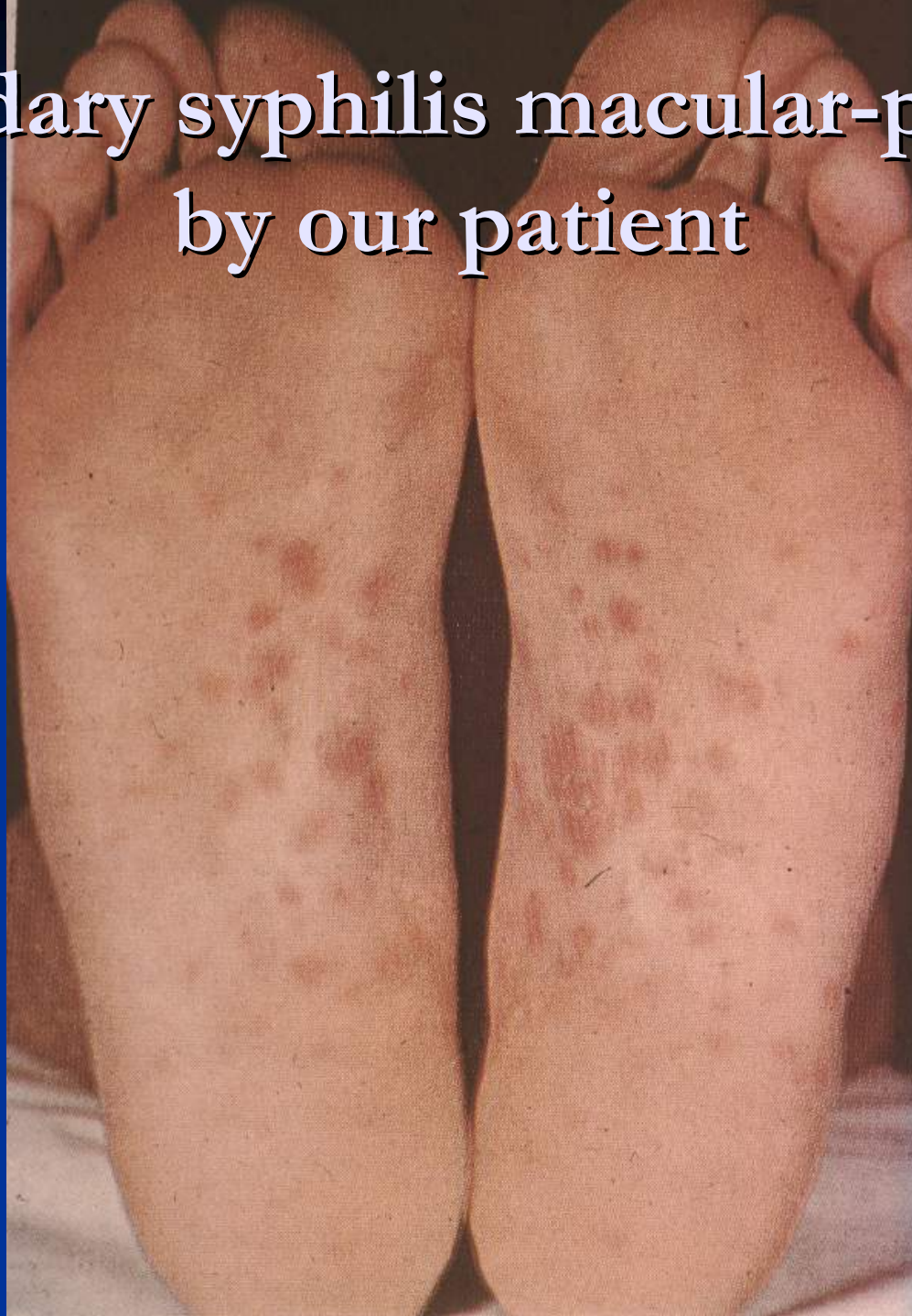
Syphilis secundaria by a young men
with HIV positive test- papulosa sy



Syphilis maculo-papulosa at patient's palms



Secondary syphilis macular-papular by our patient



Syphilis secundaria and HIV inf.



- A small scare after
ulcus durum
- HIV TEST POSITIVE