

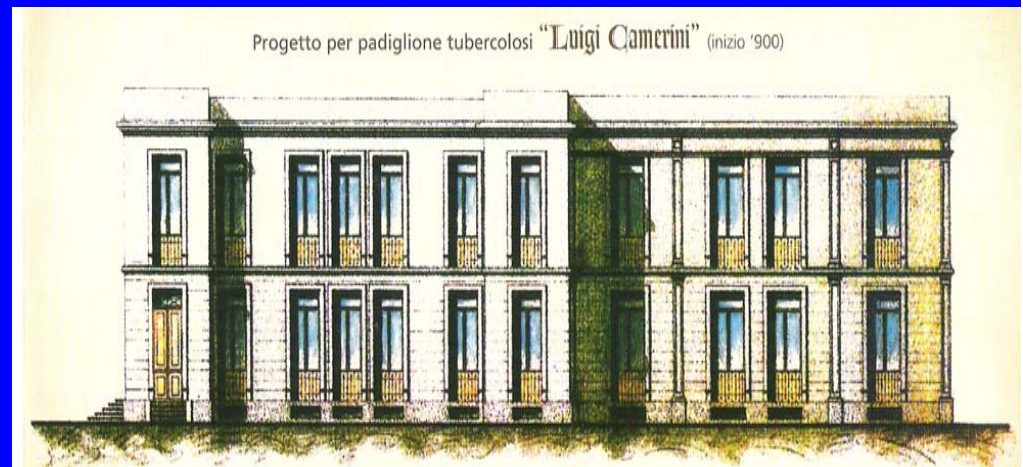
www.fisiokinesiterapia.biz

Quella brutta tosse...



EPIDEMIOLOGIA

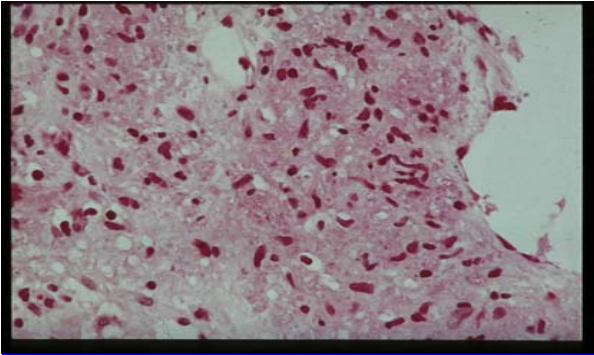
- Mortalità
- 1946 : 65000 (2/1000)
- 1974 : 2722 (0,049/1000)
- 1979 : 1623 (0,026/1000)
- Decremento 98%
- Morbilità
- Decremento 67% 20 anni



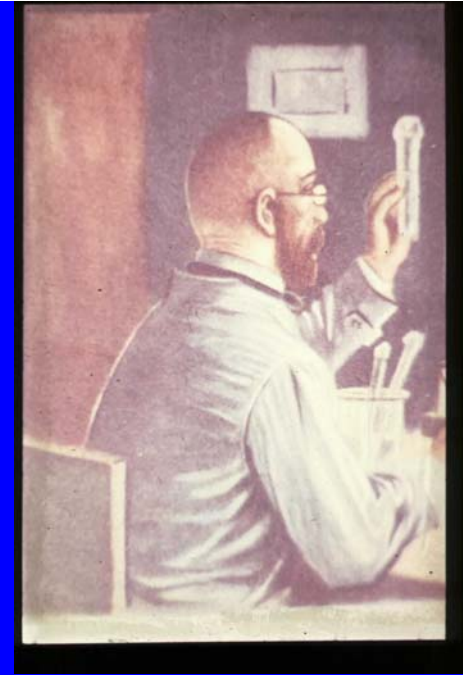
Micobatteri

- Mycobacterium tuberculosis
- Mycobatteri atipici
 - M. Kansasii, Balnei, Acquae, Scrofulaceum, Avium, Balley, intracellulare, Xenopei, Fortuitum





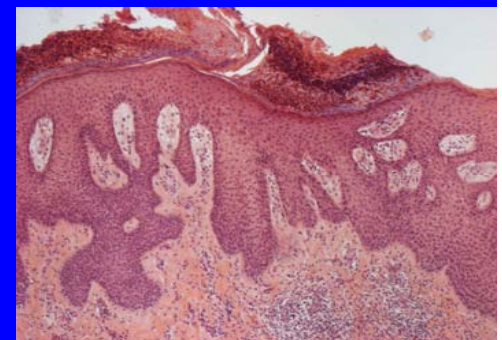
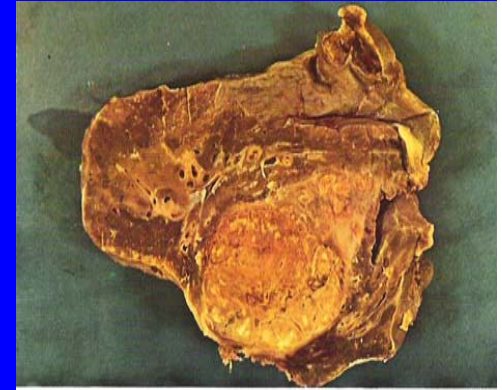
Mycobatteri



- FRAZIONE LIPIDICA
- Fosfatidi : azione tubercologena
- Grassi neutri: scarsa irritazione locale
- Cere: azione necrotizzante
- FRAZIONE PROTEICA
- Esogena : forte antigene, scarso tossico
- Endogena: forte tossico, scarso antigene
- FRAZIONE POLISACCARIDICA : antigeni

VIE DI PENETRAZIONE

- AREA 96%
- DIGERENTE 4%
- CUTANEA Anedottica



DIFFUSIONE

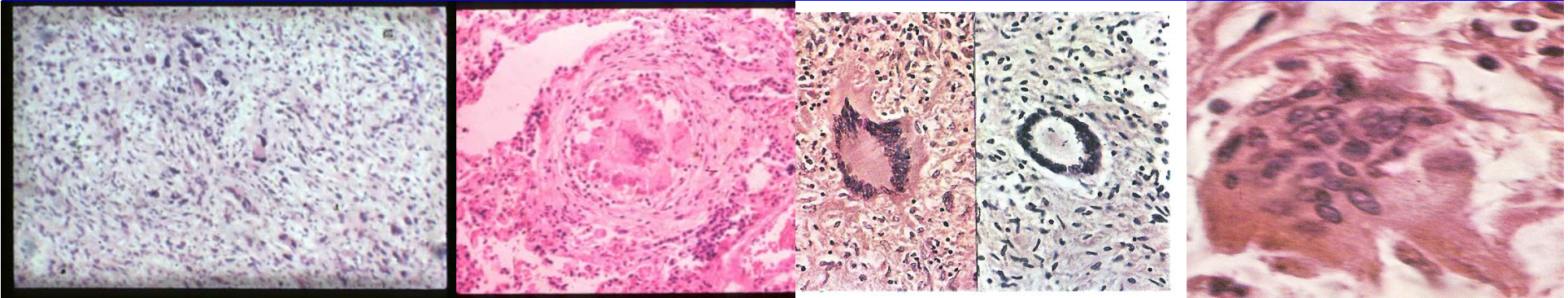
- Linfatica
- Ematica diretta
- Ematica indiretta (linfo ematica)
- Endocanalicolare

RESISTENZA NATURALE



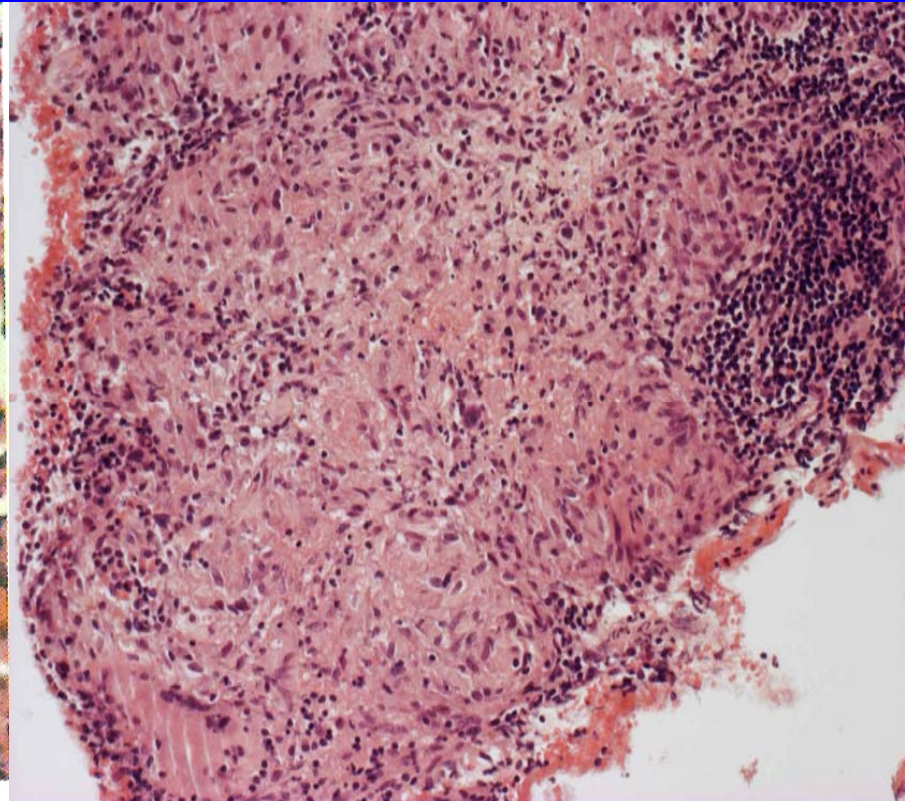
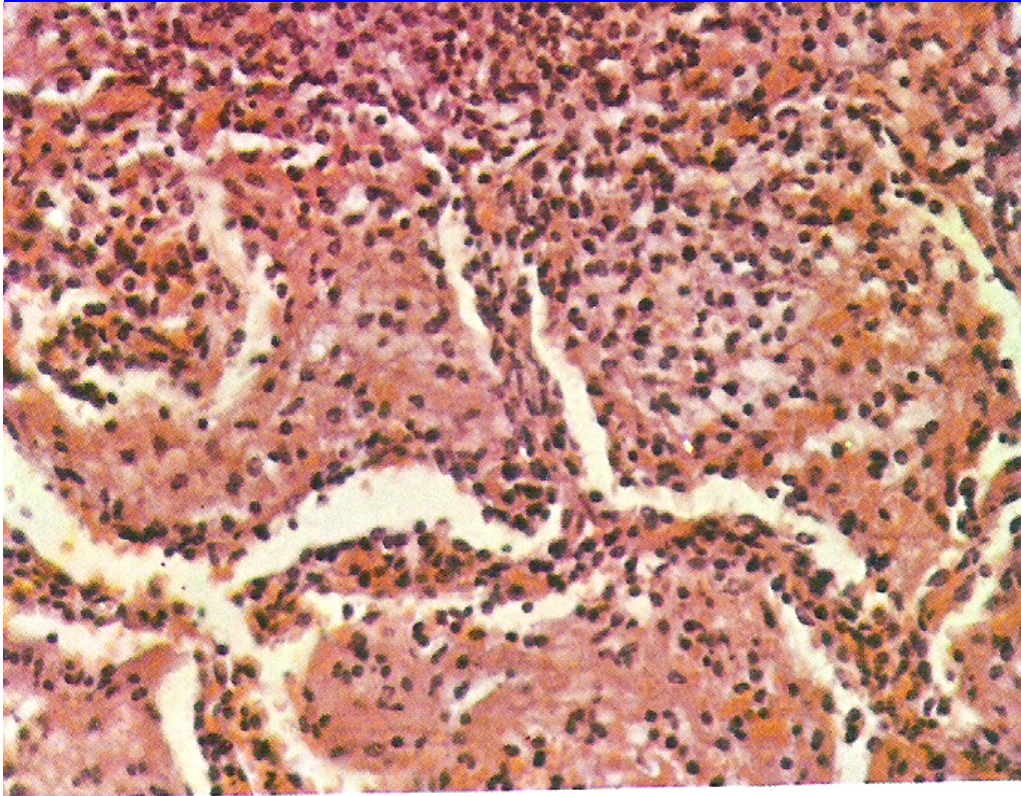
IMMUNOLOGIA

- Macrofagi fagocitosi
- Diffusione macrofagi a linfonodi
- Contatto Linfociti T Helper
- Produzione citochine (Interferon G)
- Attrazione macrofagi, liberazione enzimi litici
- Secrezione Interleuchina 1



LESIONI ELEMENTARI

- ESSUDATIVA
- Alveolite
- PRODUTTIVA
- Tubercolo



FOCOLAI ELEMENTARI

- Focolaio isolato
- Focolai noduli
- Focolaio miliarico

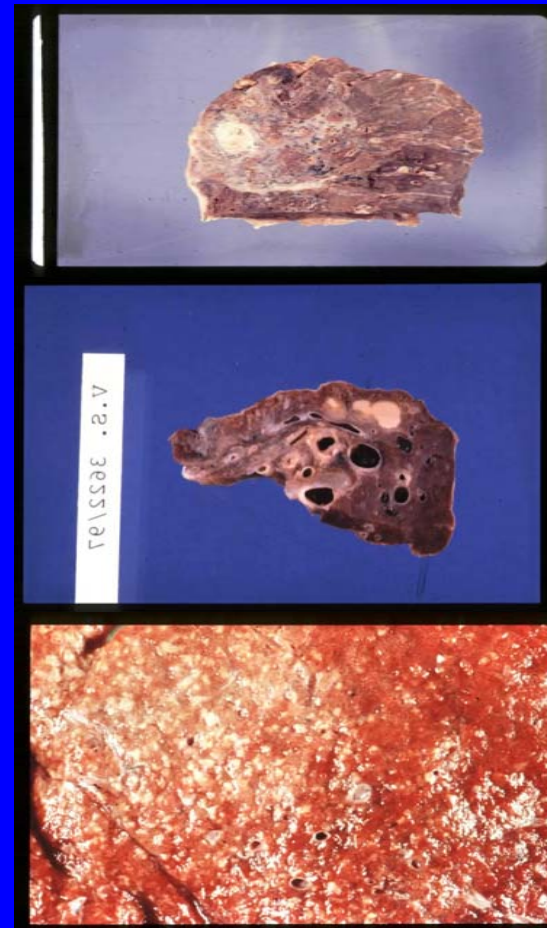
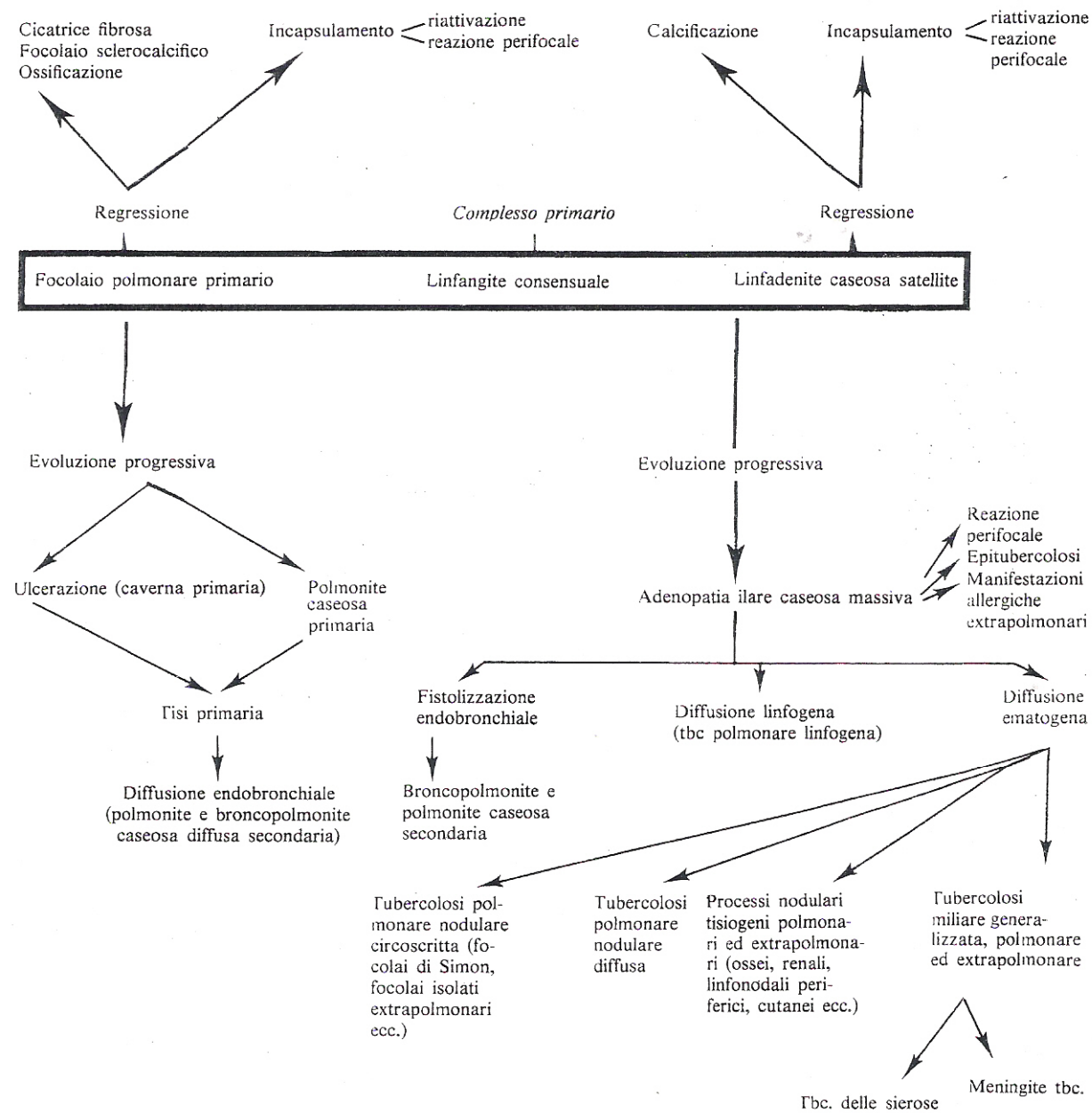


Tabella III - Tubercolosi primaria

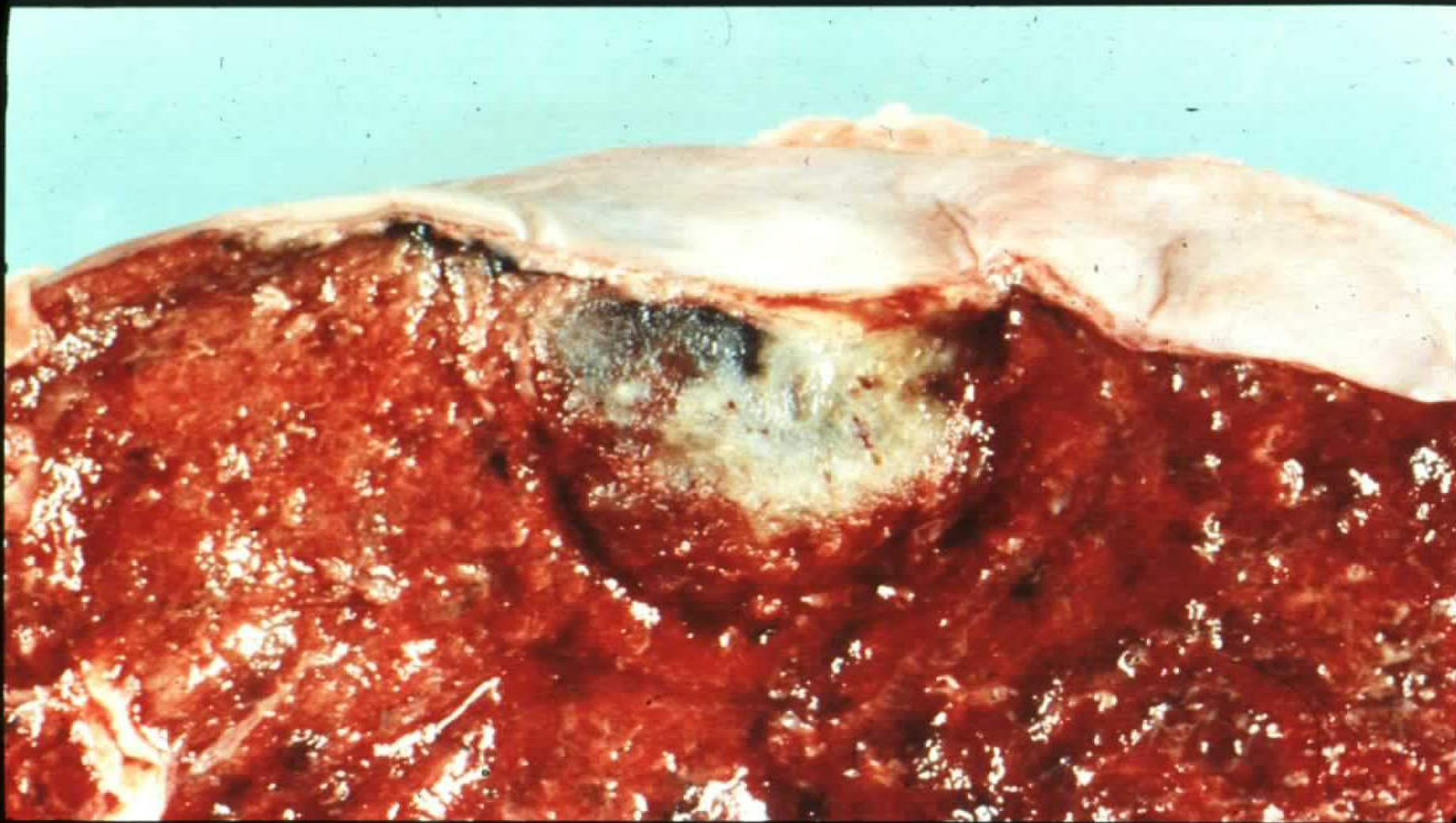


Schema anatomico-patogenetico della tubercolosi polmonare primaria.

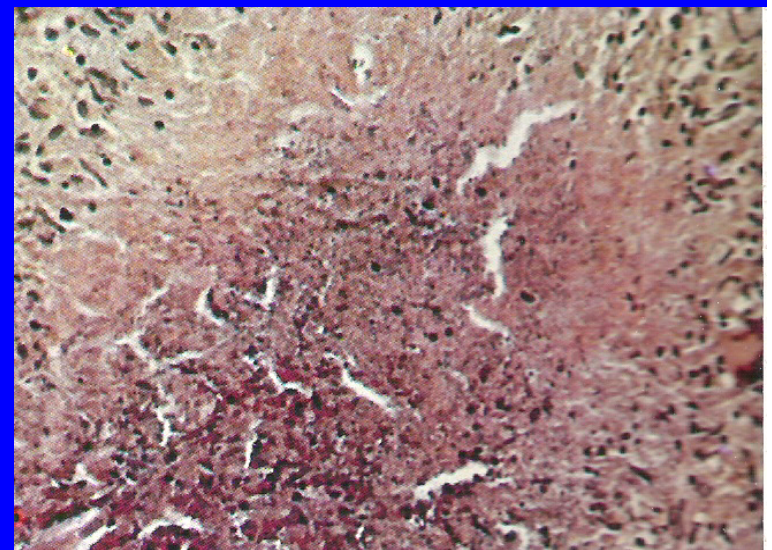
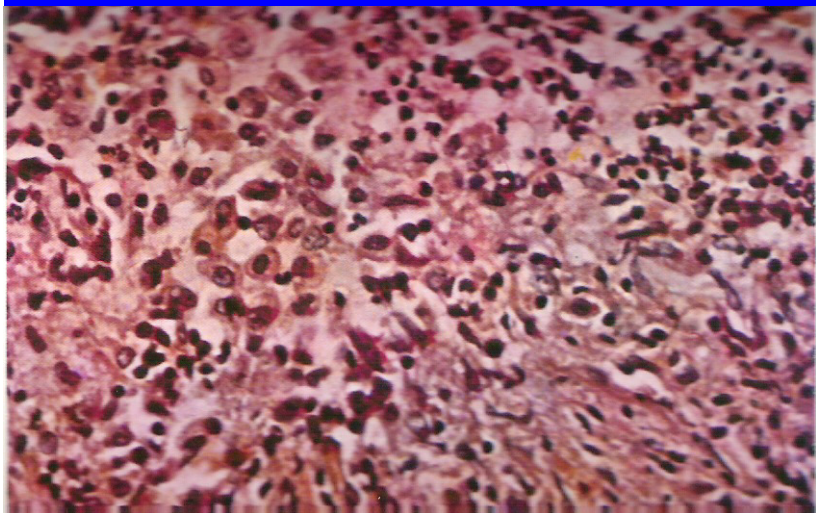
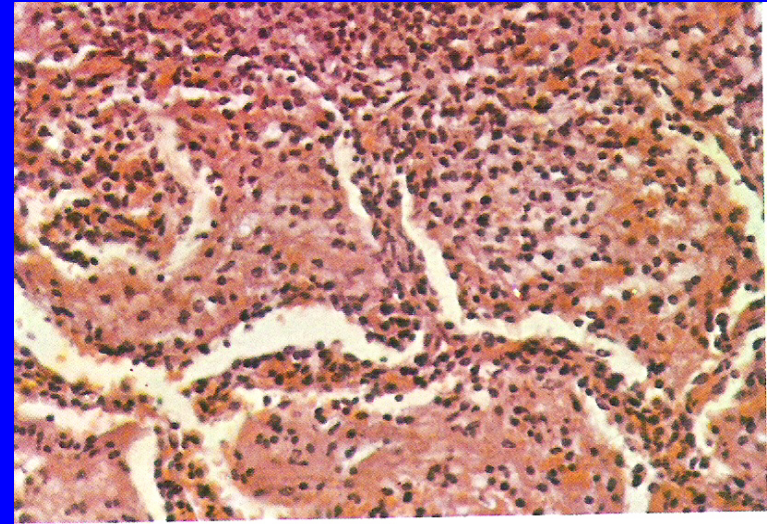
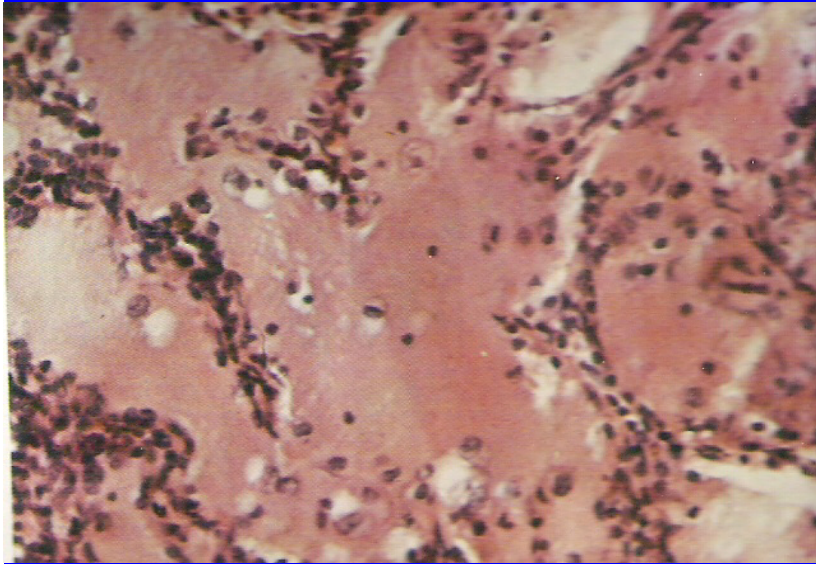
Complesso primario Ranke

- FOCOLAIO KUSS GHON
- SEDE
- Parenchimale
- Linfangite
- Linfadenite
- EVOLUZIONE
- Restitutio
- Fibrosi
- Calciosi

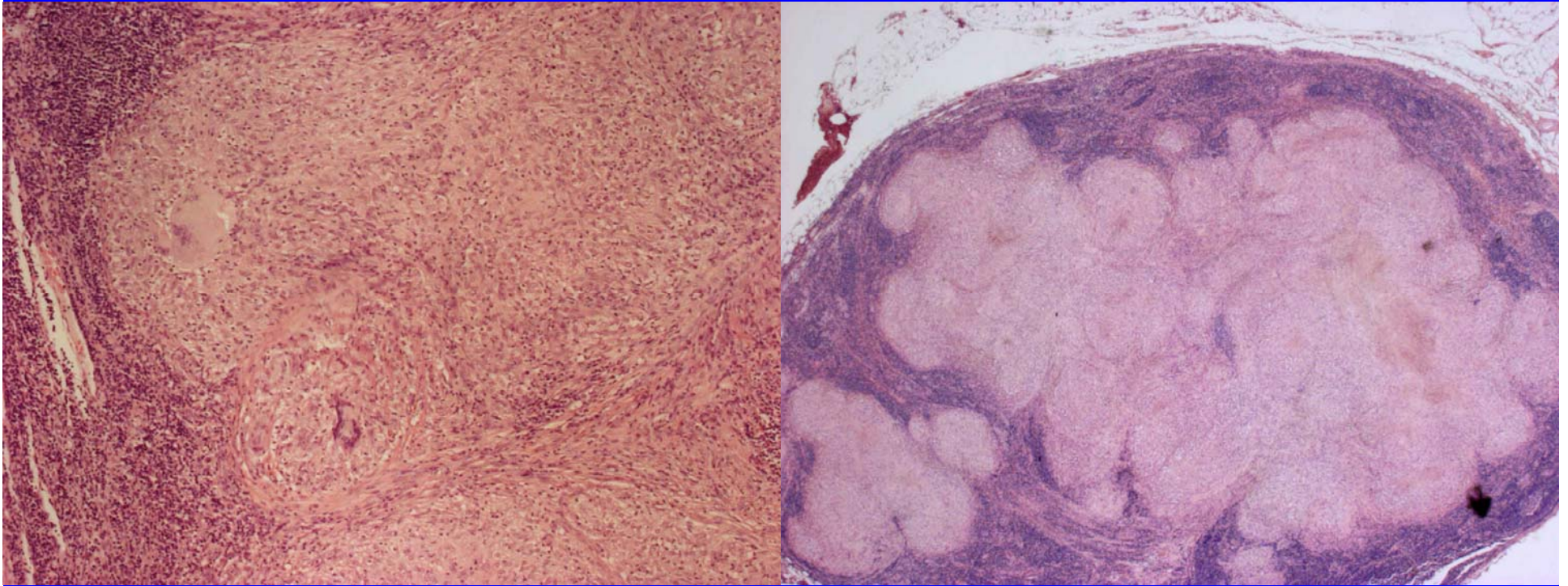
Complesso Primario



Complesso Primario



Linfonodi



Complesso Primario Esito



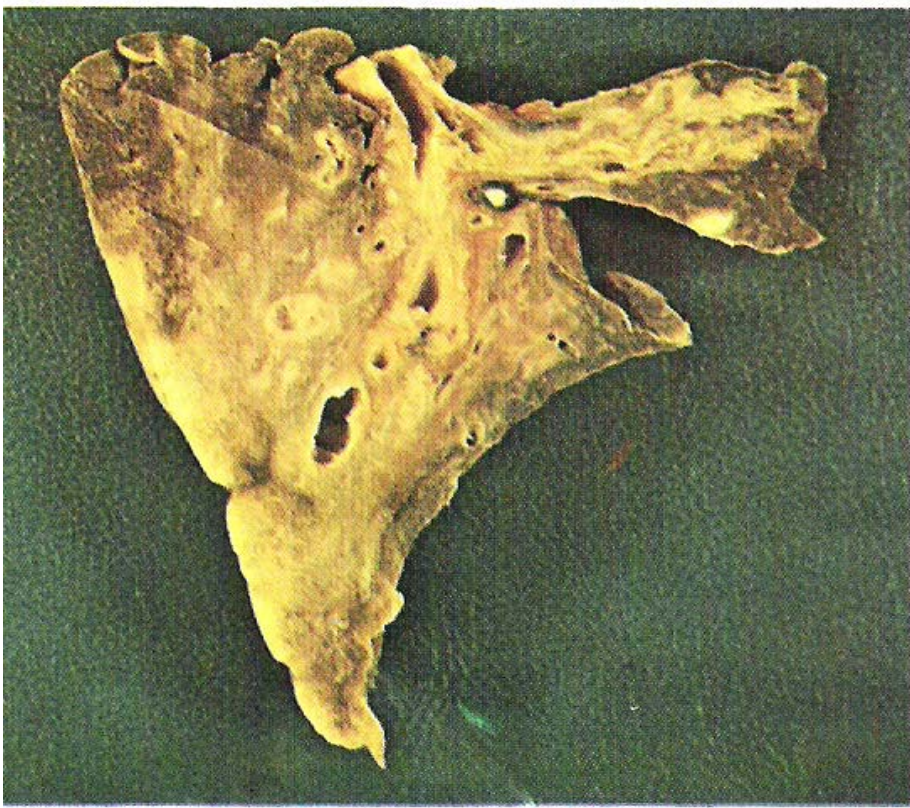
COMPLESSO ATIPICO E COMPLICAZIONI

- Tuberculosis primaria polmonare tardiva
- Focolai Polmonari Multipli
- Focolaio a grande componente infiammatoria aspecifica
- Focolaio Polmonare Caseoso Gigante
- Caverna Primaria
- Polmonite (bronco) Caseosa Massiva Primaria
- Adenopatia Compressiva
- AdenoapaTIA perforante
- Disseminazione ematogena



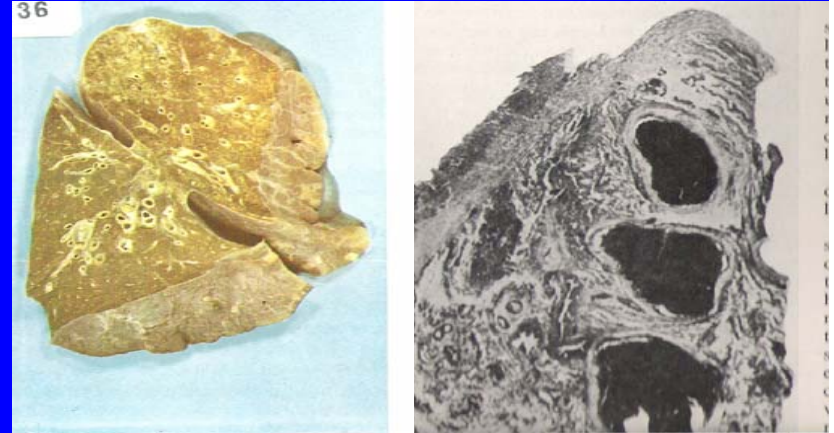
Complicanze

Sindrome Lobo medio Caverna primaria



PROCESSI EMATOGENI IN TBC PRIMARIA

- Focolai di Simon



- Tuberculosis polmonare nodulare diffusa
- fase precoce
- fase avanzata



PROCESSI ALLERGICI IN TBNA PRIMARIA

- Flogosi perifocale
- Scissuriti e Periscissuriti
- Eritubercolosi
- Pleurite Essudativa allergica

Pleurite

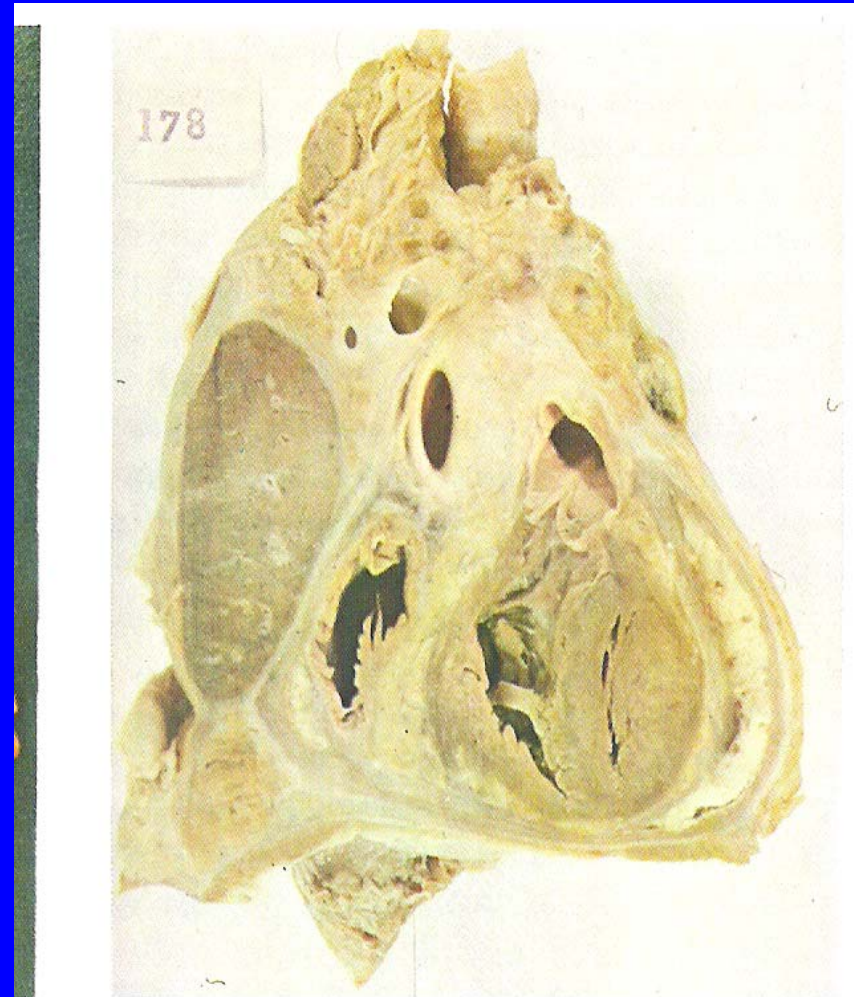
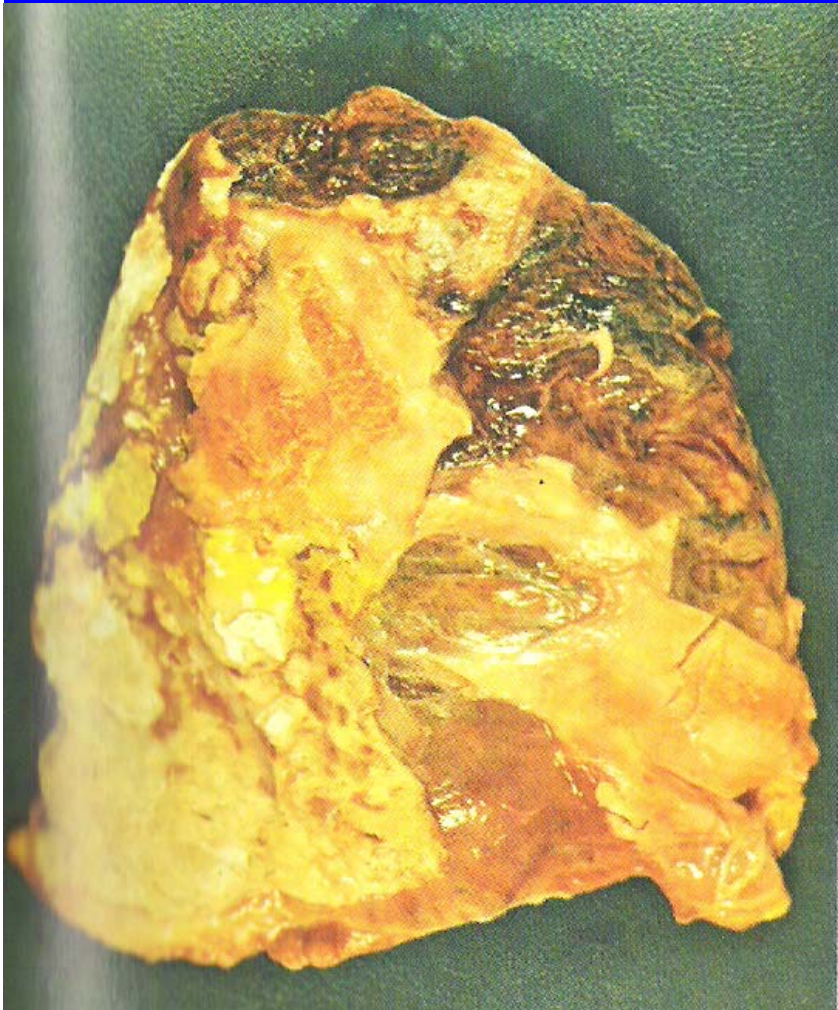
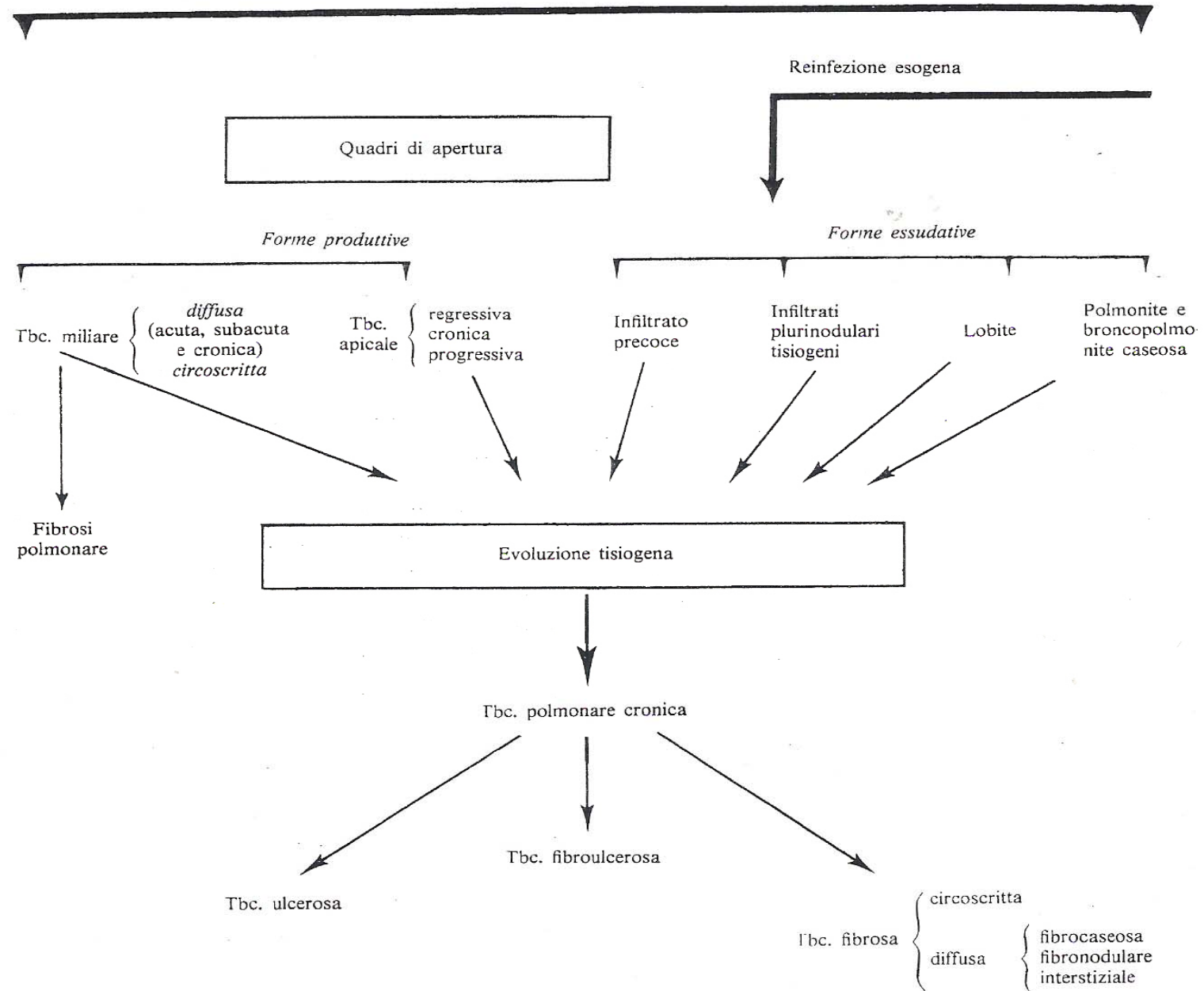


Tabella IV - Tubercolosi polmonare postprimaria

Reinfezione endogena



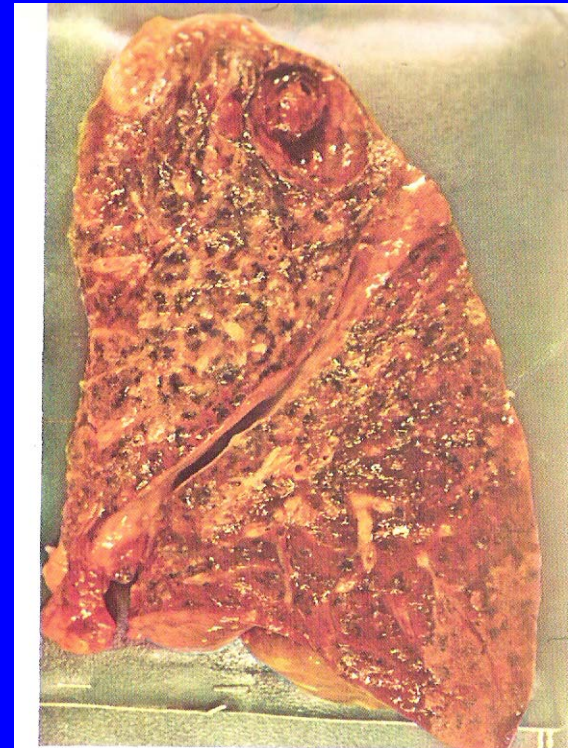
Schema anatomico-patogenetico della tubercolosi postprimaria.

TBC POSTPRIMARIA

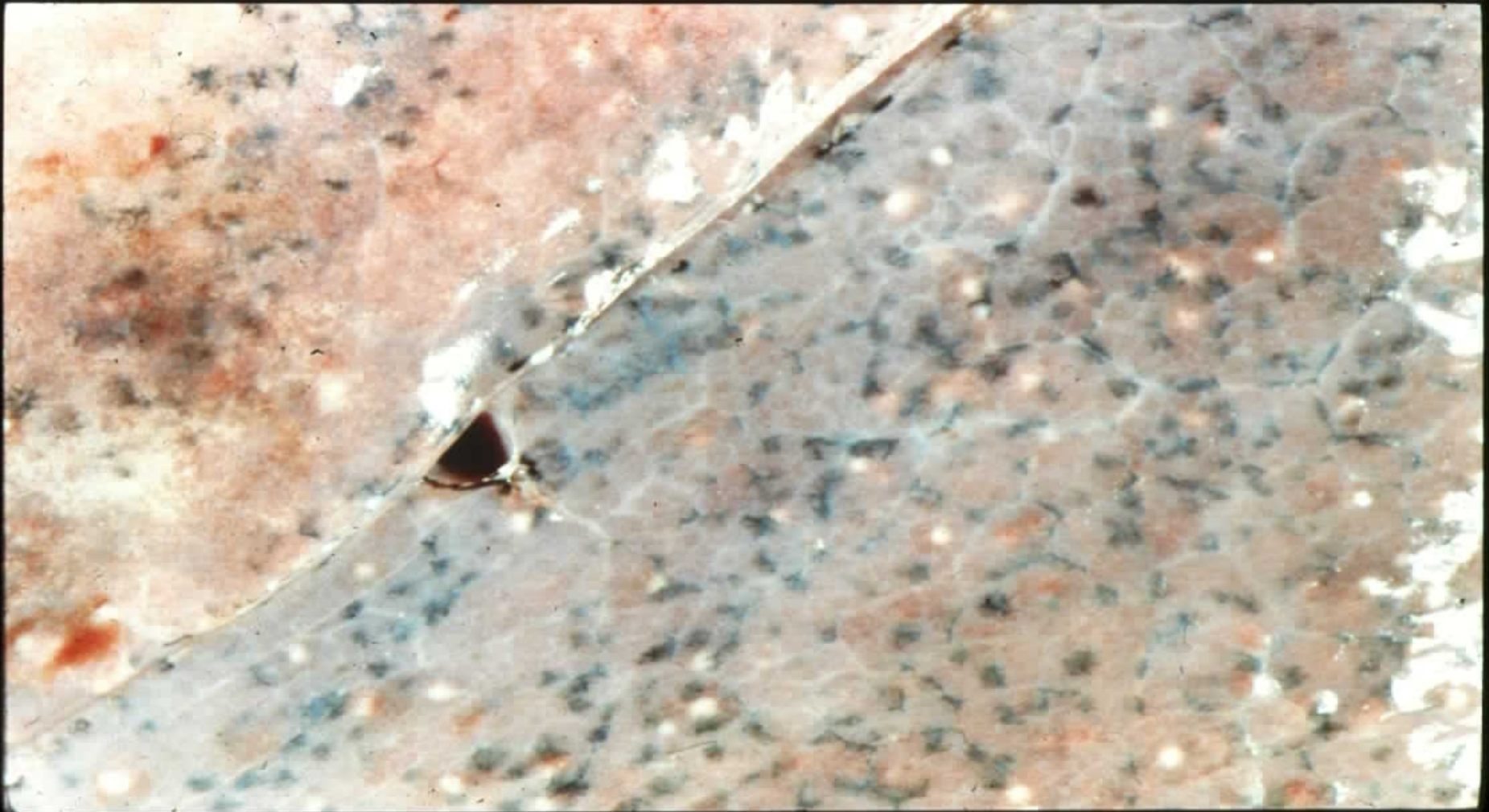
- PRODUTTIVA
- Miliare
- Micronodulare
- ESSUDATIVA
- Infiltrato precoce
- Infiltrati plurinodulari
- Lobite
- Br.polmonite caseosa
- Polmonite caseosa

TUBERCOLOSI MILIARE

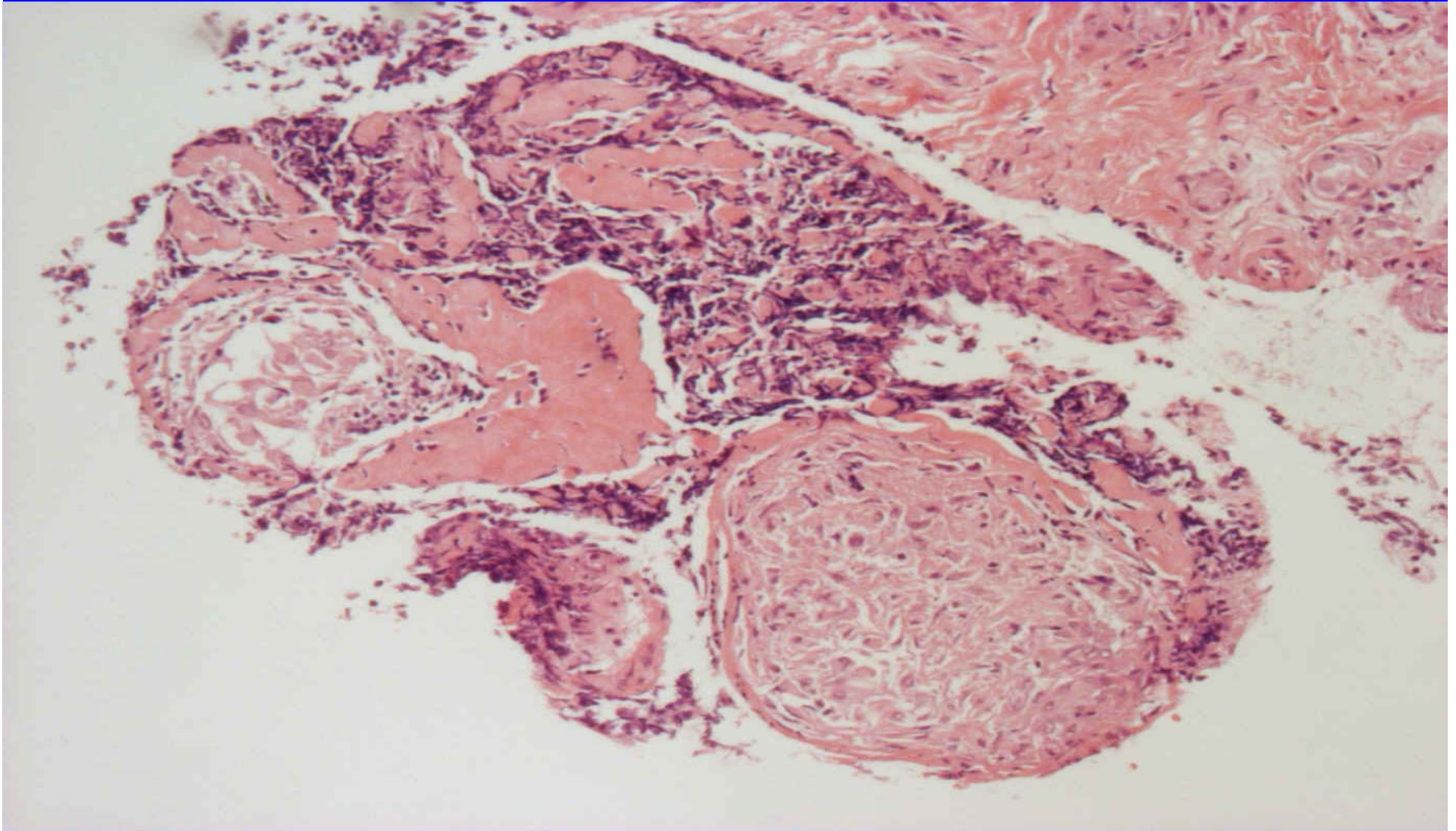
- Tubercolosi miliare acuta
 - interstiziale endoalveolare tisiogena
- Tubercolosi miliare subacuta
- Tubercolosi miliare cronica
- Sepsi tubercolare acutissima

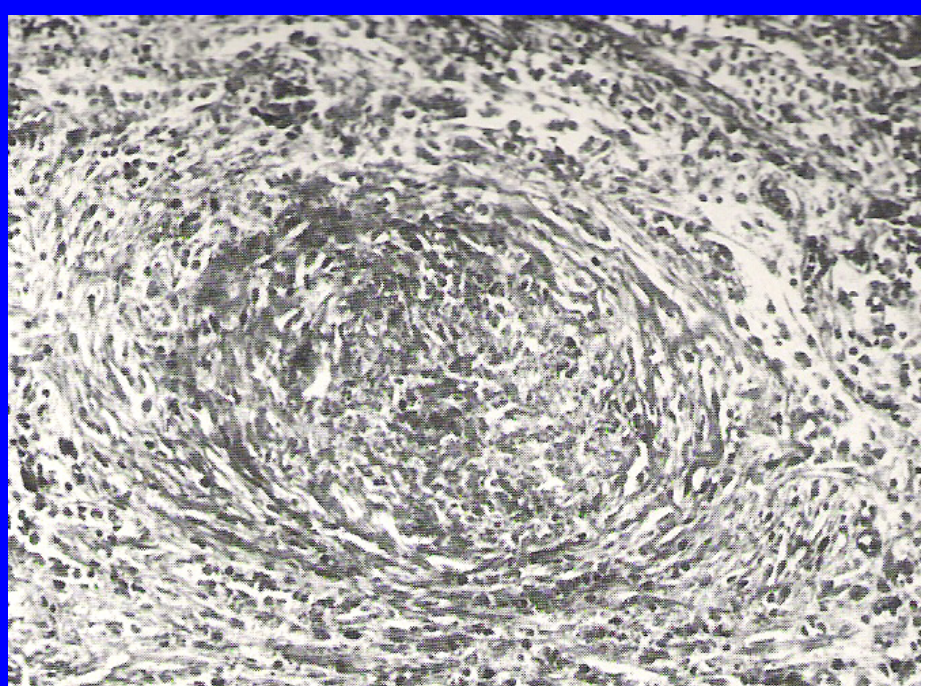
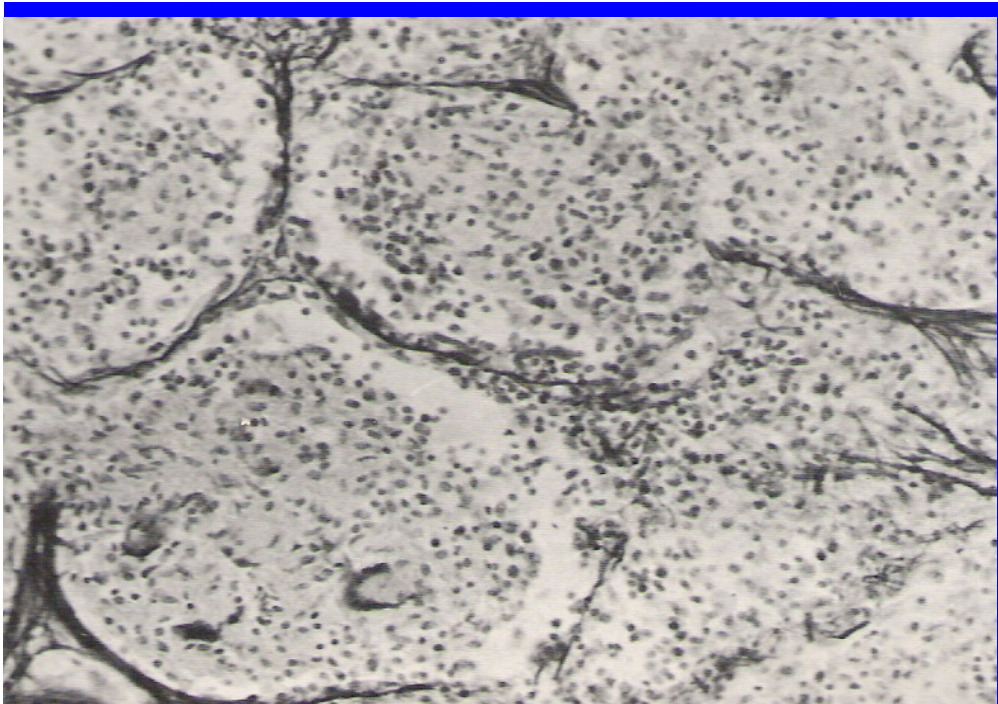
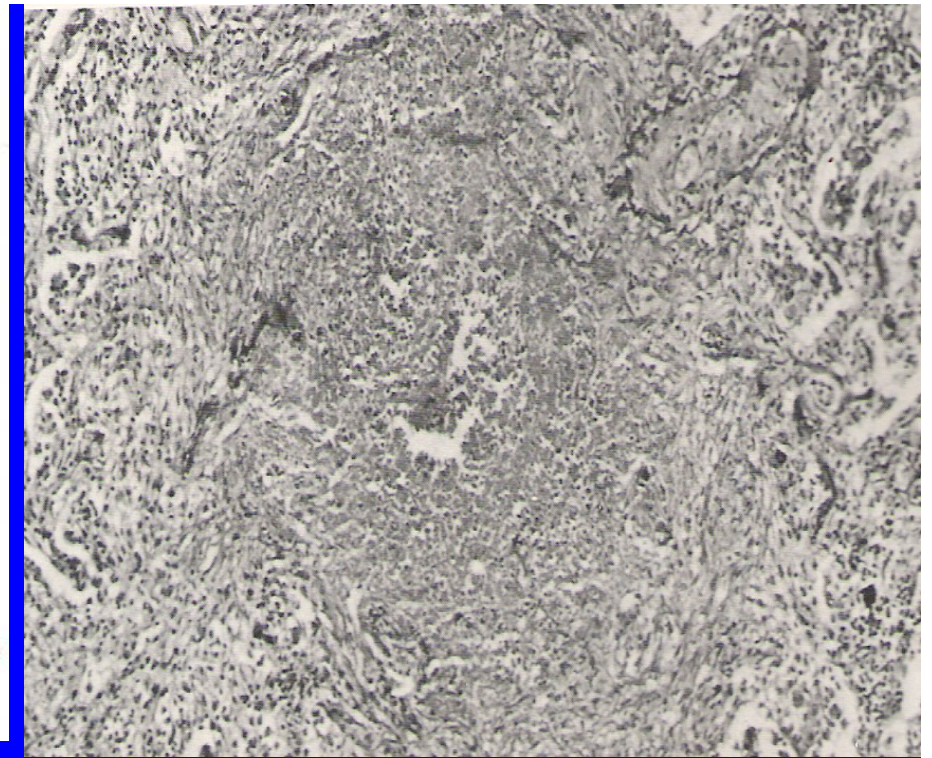
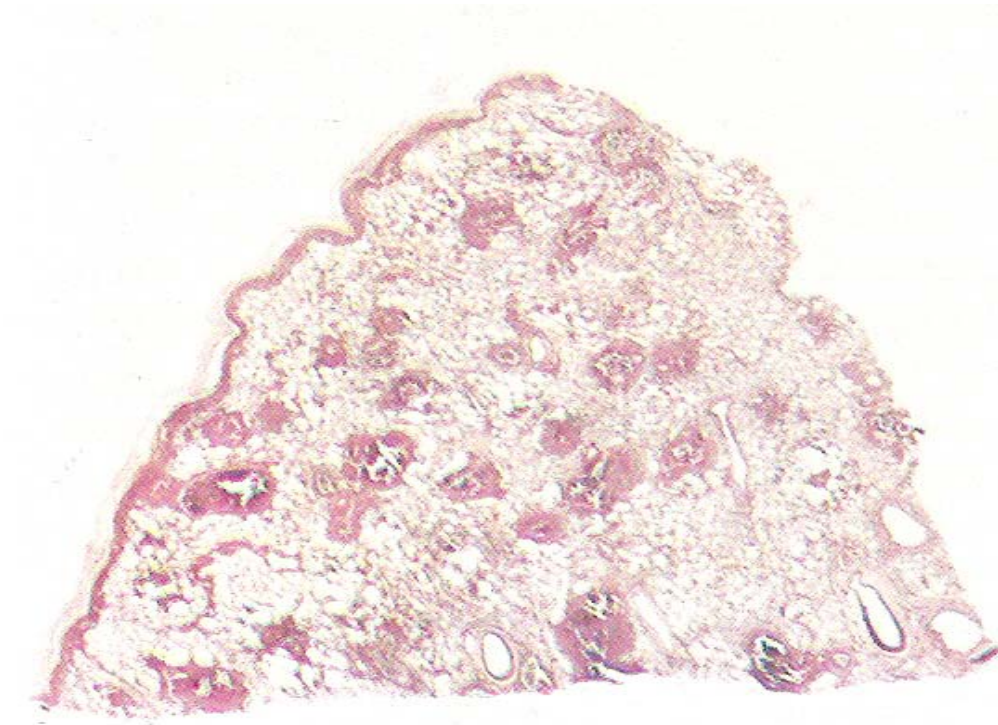


MILIARE

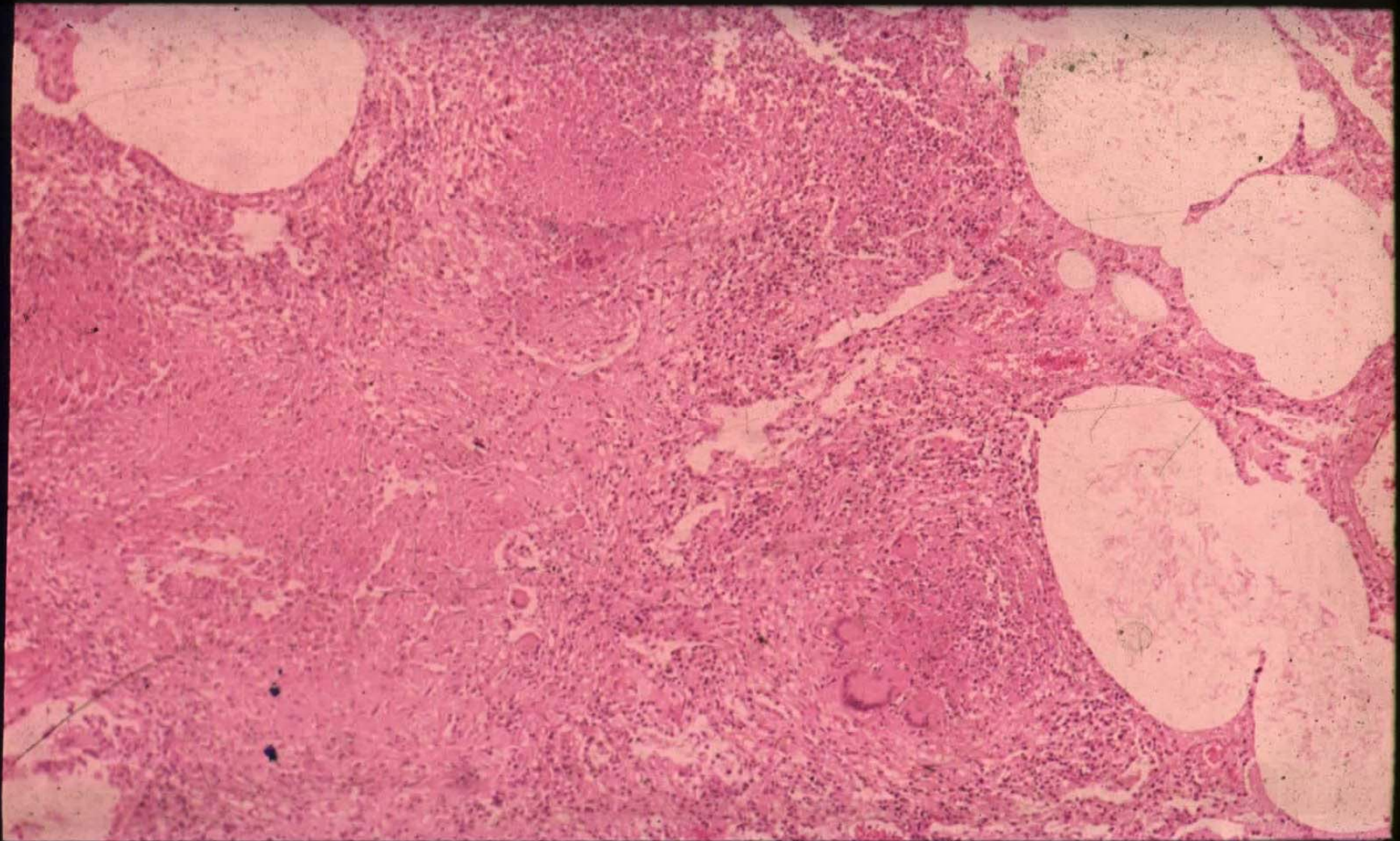


miliare





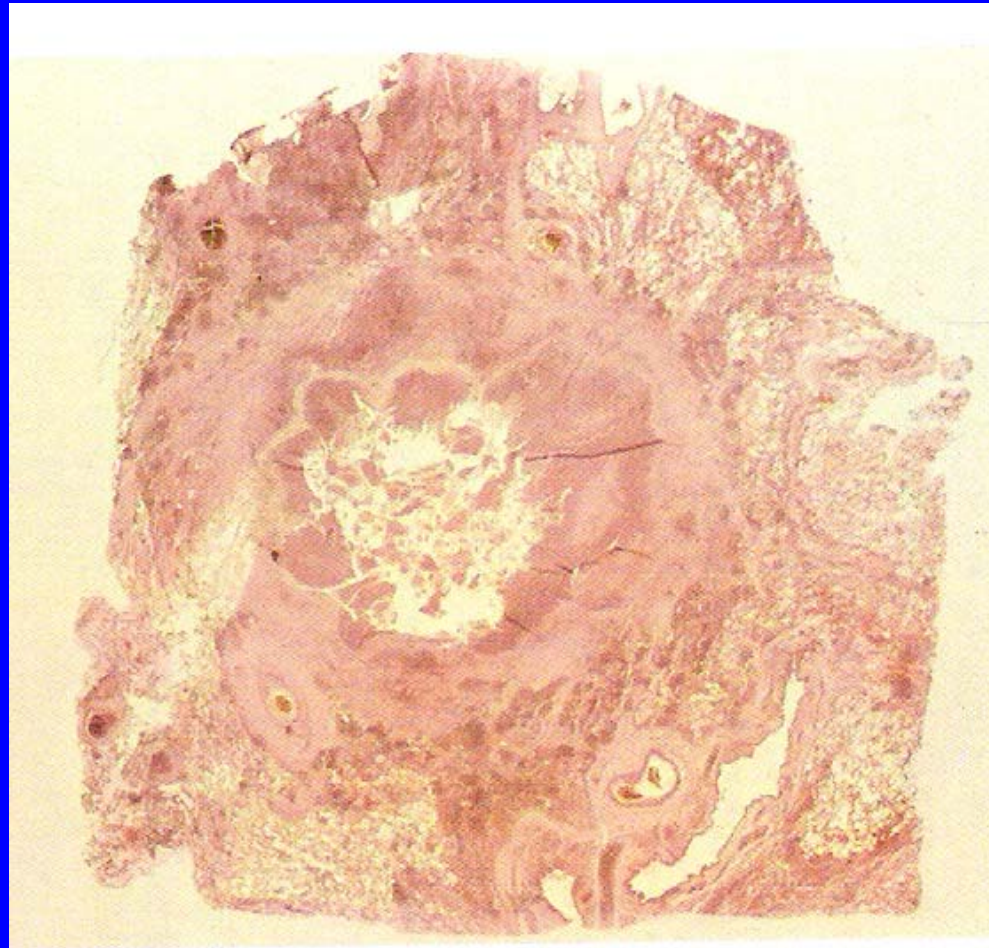
Tbc Essudativa



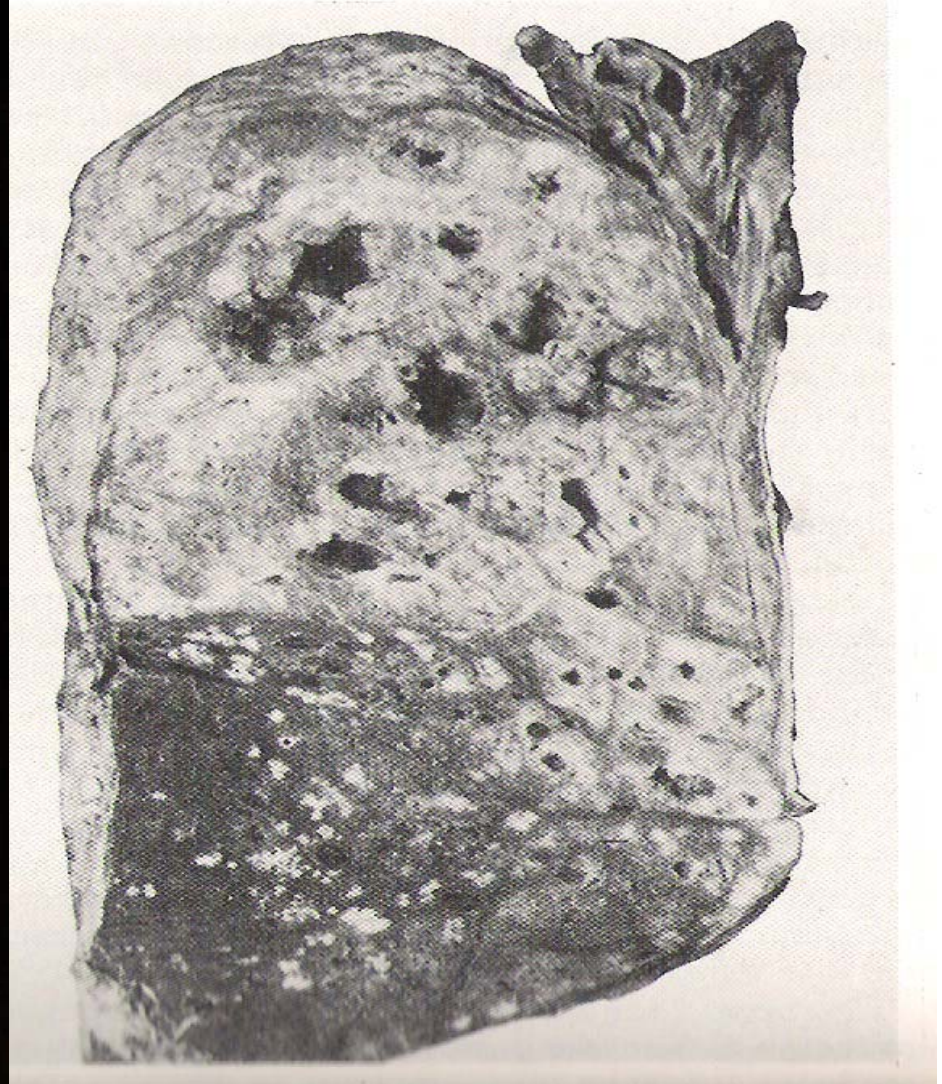
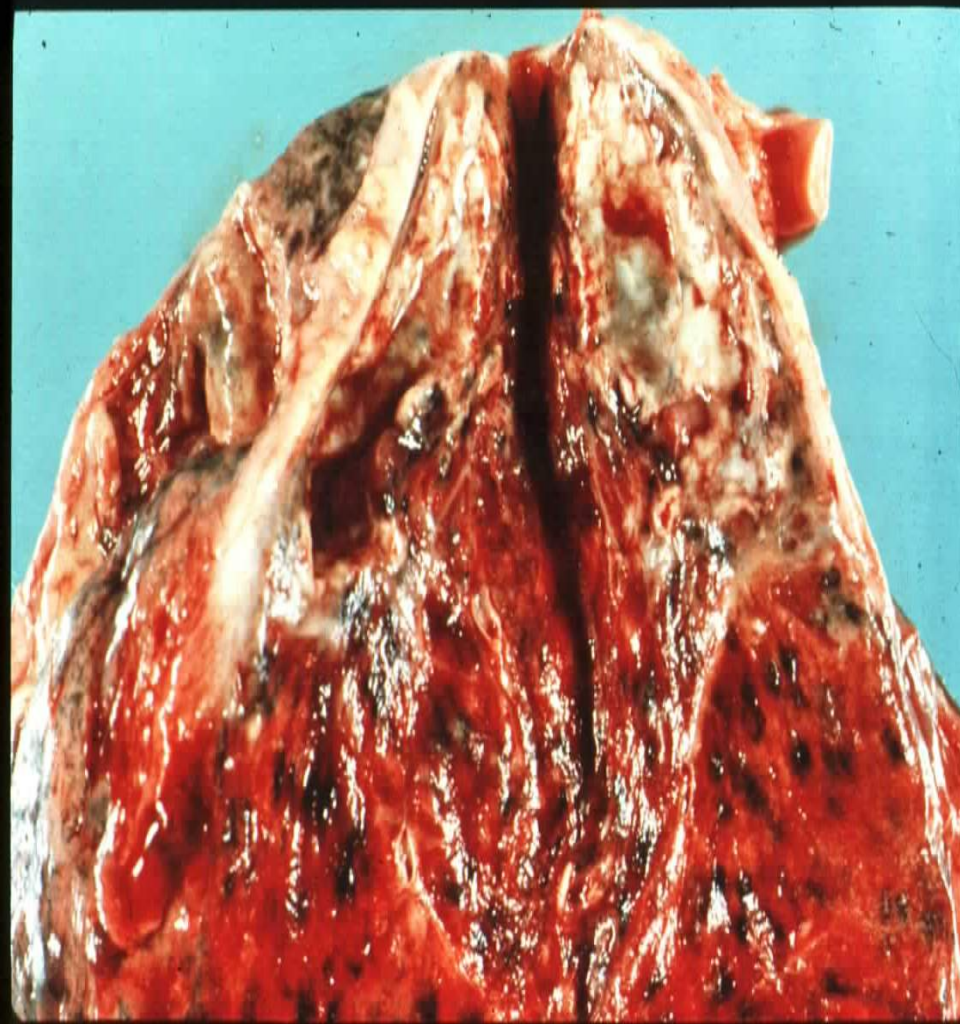
TBC ESSUDATIVA

- Infiltrato sottoclaveare precoce Assmann Redeker
- Infiltrati plurinodulari tisiogeni
- Lobite precoce tisiogena
- Broncopolmonite tisiogena a focolai disseminati
- Polmonite caseosa

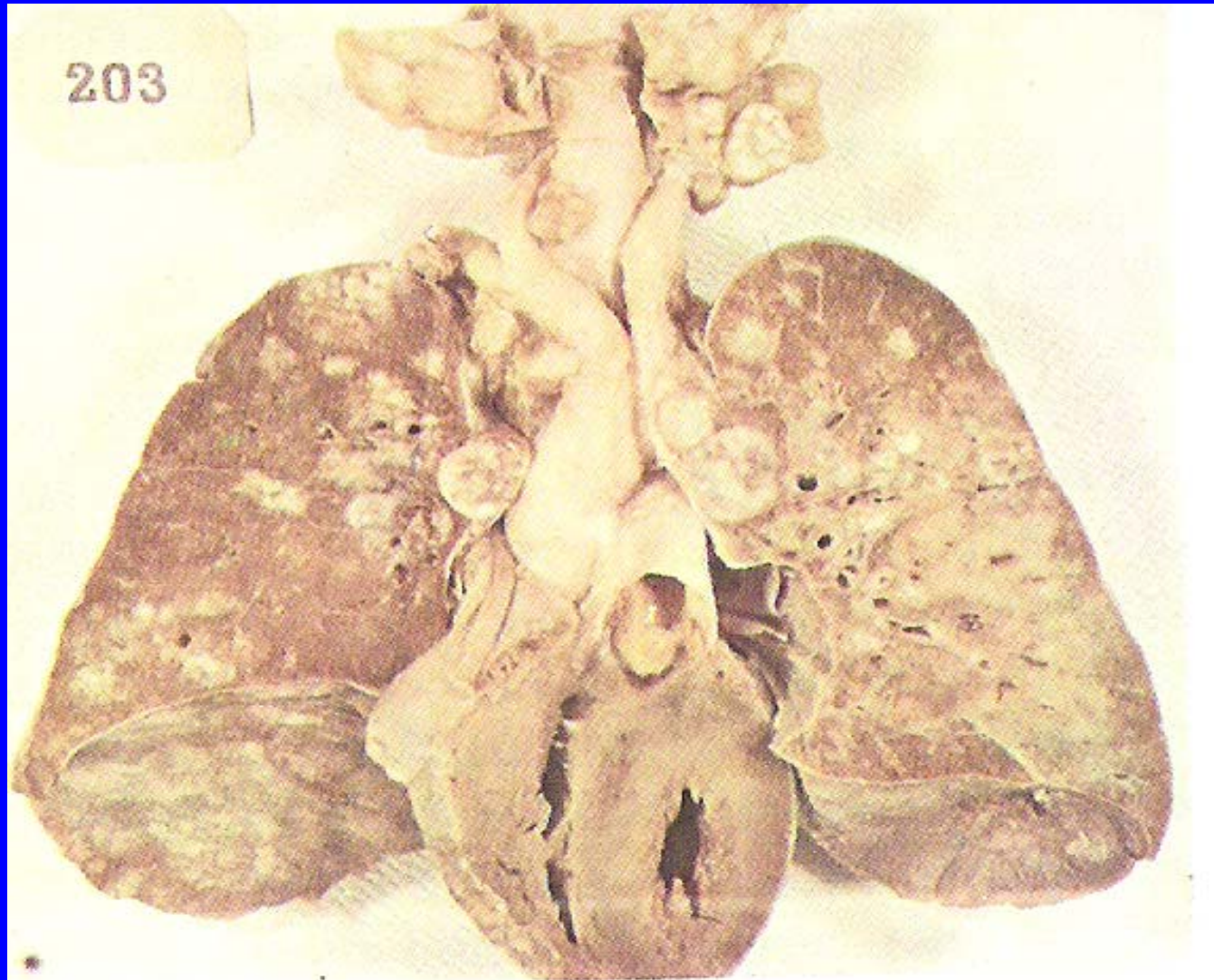
Infiltrato precoce



Lobite Tisiogena



Broncopulmonite tisiogena

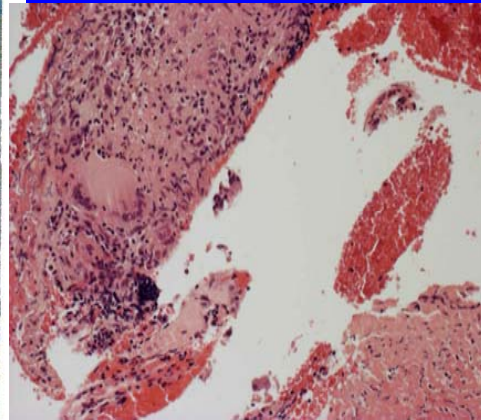
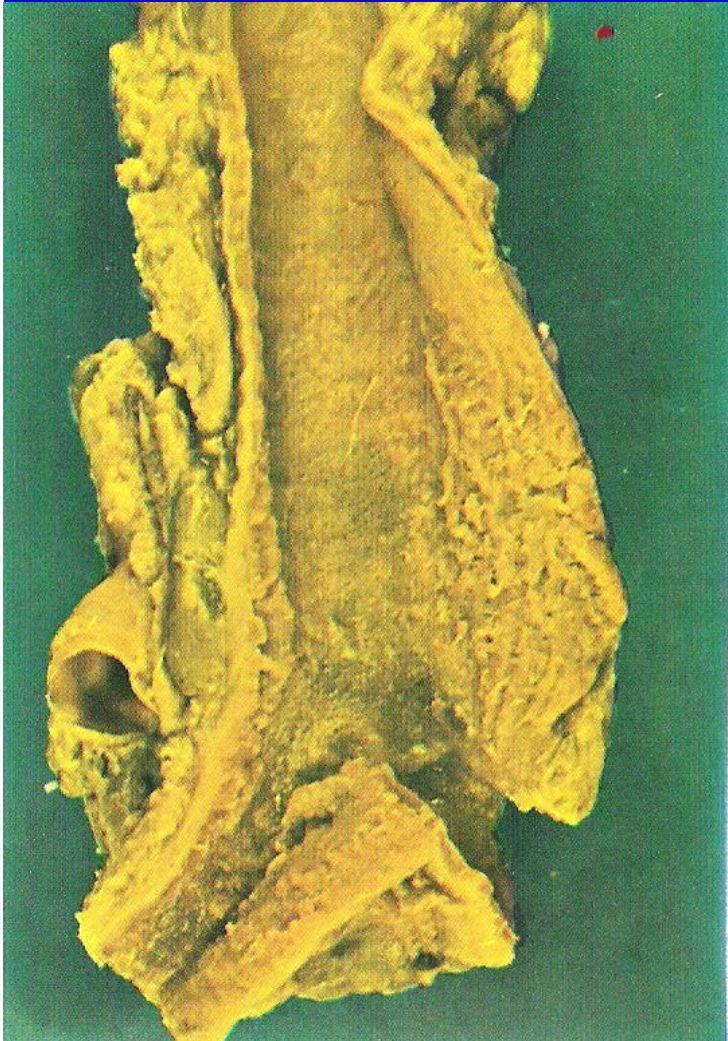


Polmonite caseosa





Trachetite Laringite



TBC CRONICA APICI

- Tubercolosi apicale latente regressiva
- focolaio Puhl Ashoff
- Tubercolosi fibronodulare apice
- Tubercolosi sclero cavernulare apice
- Tubercolosi fibrosa densa apice
- Tubercolosi cronica cavitaria apice



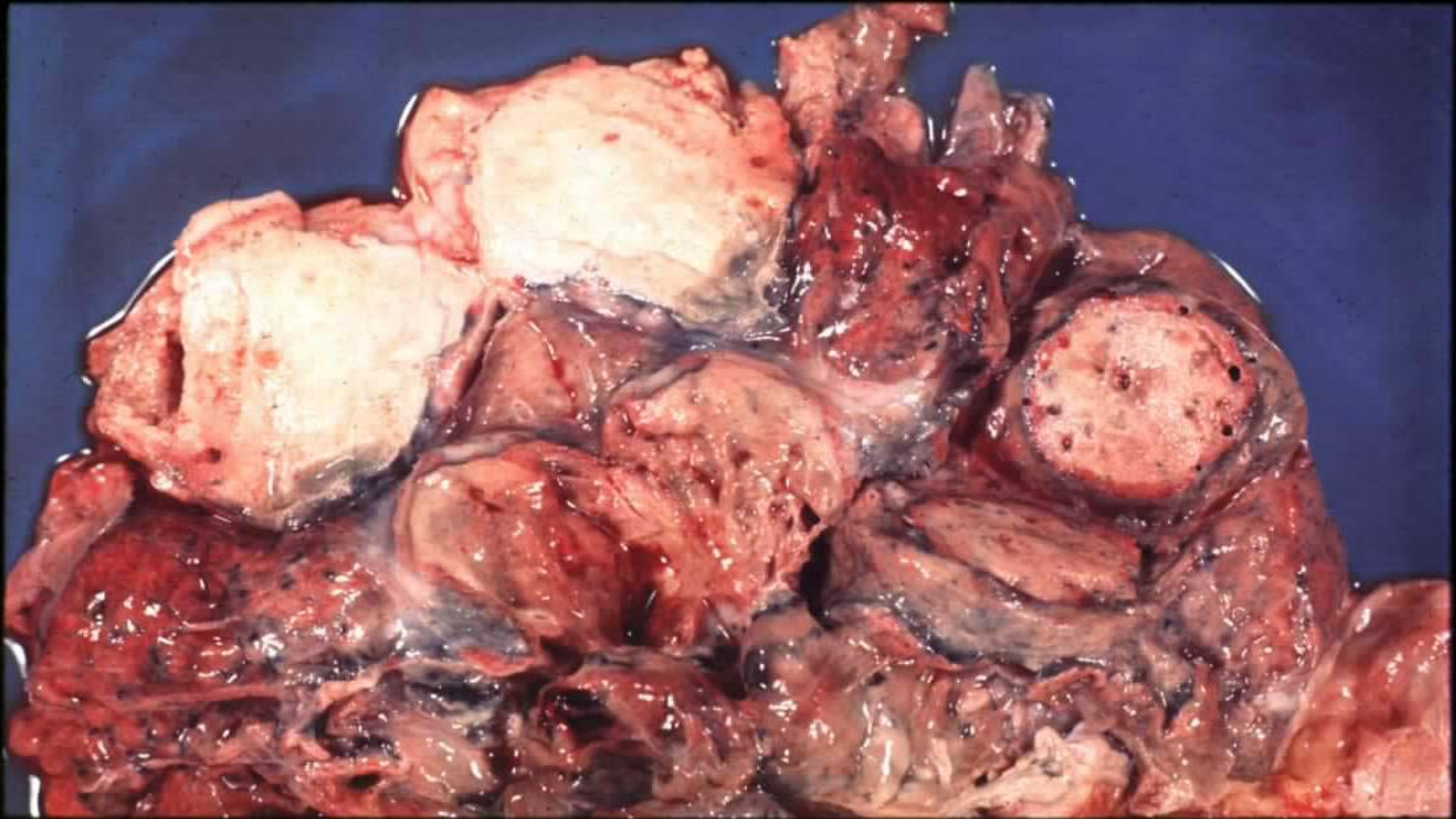
TUBERCOLOSI POLMONARE CRONICA

- Diffusione Broncogena
 - broncopolmonite tubercolare acinosa
 - broncopolmonite acino nodosa
- Diffusione Linfatica
- Diffusione Ematica
- Diffusione per continuità

TBC POLMONARE CRONICA

- Tubercolosi ulcero caseosa
- Tubercolosi fibro caseosa
- Tubercolosi fibrosa
- circoscritta
- diffusa
- Caverne

Tbc Ulcero Caseosa



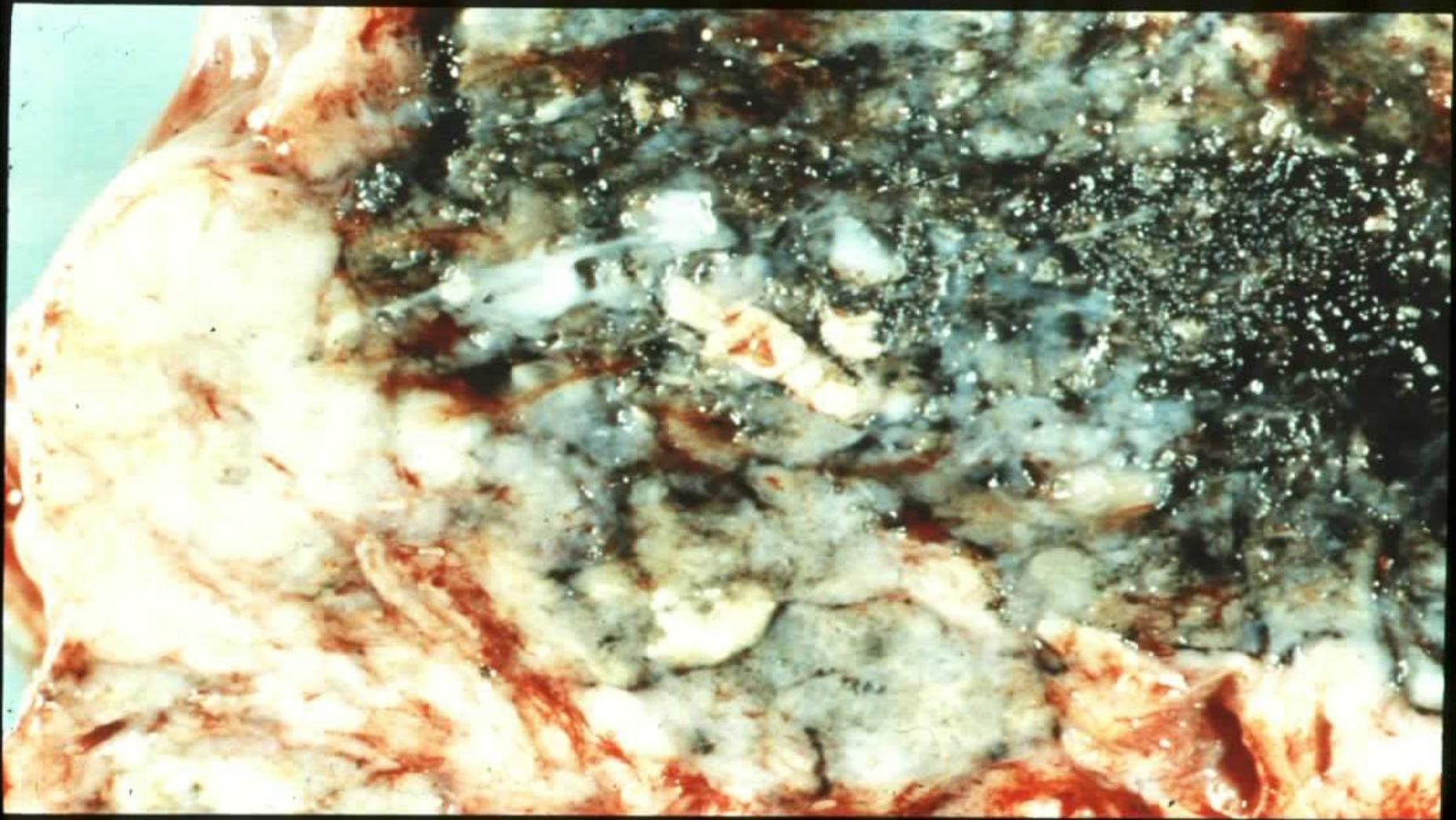
Tbc Fibrocasseosa



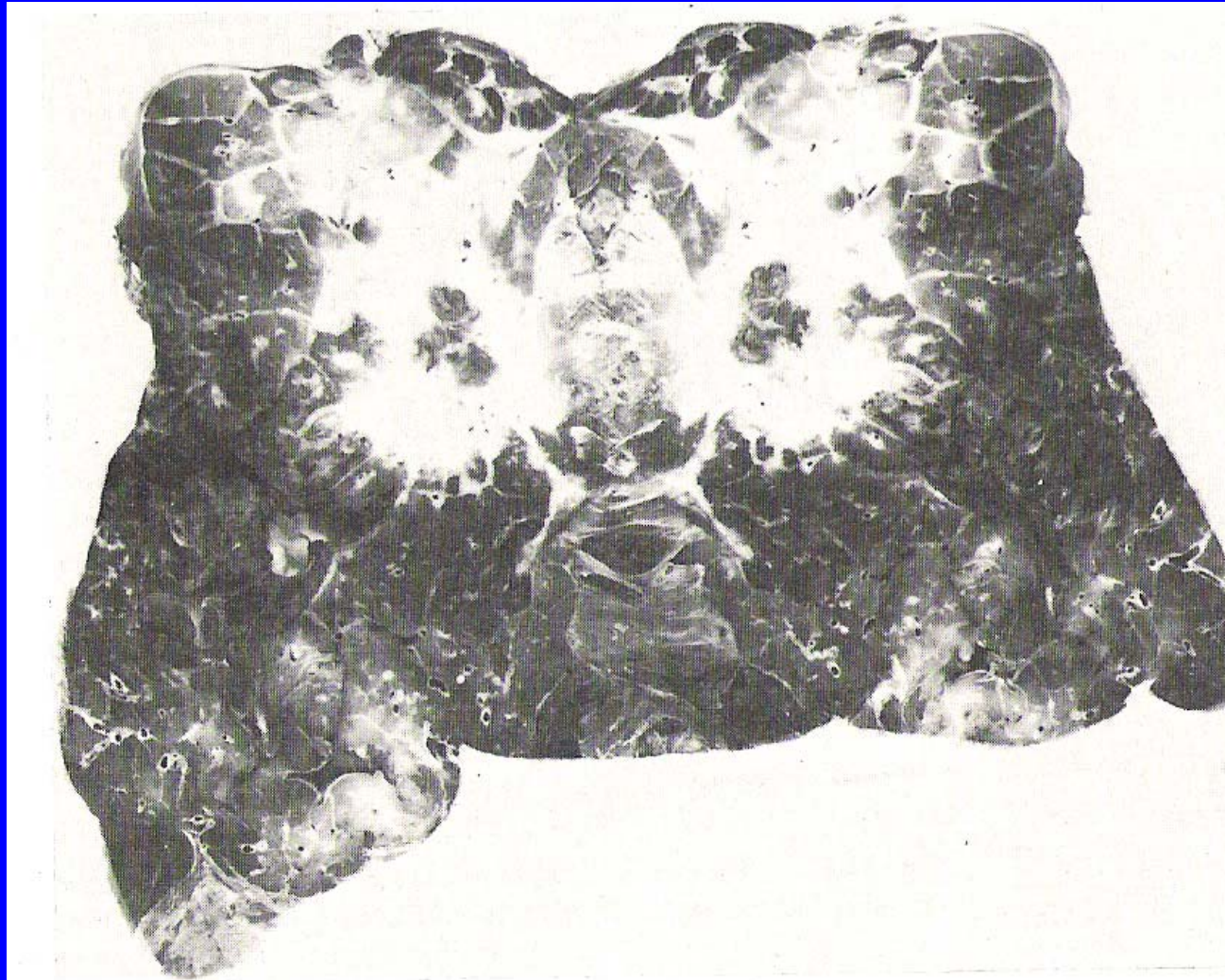
Tbc Fibrosa circoscritta



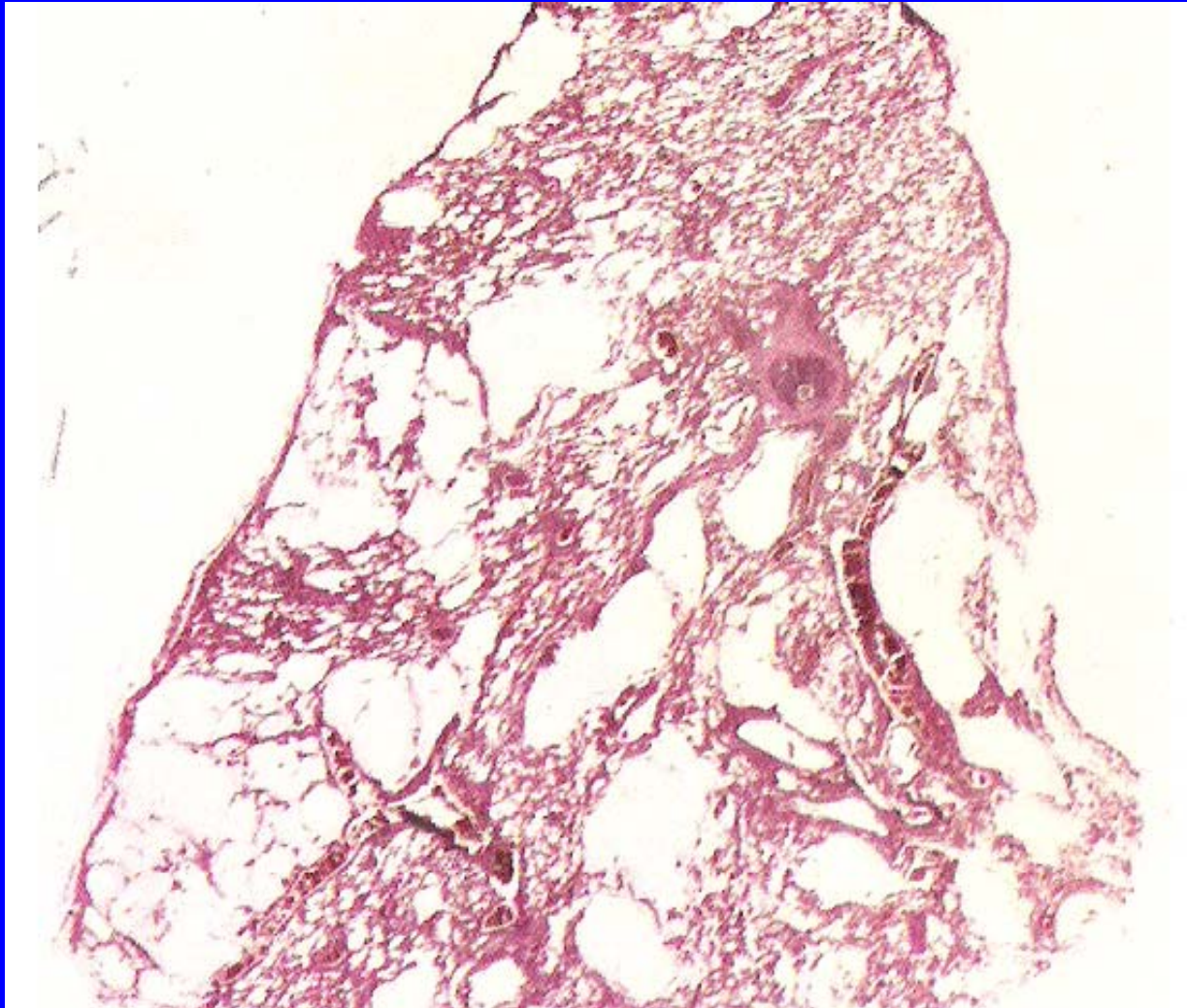
Tbc Fibrosa diffusa



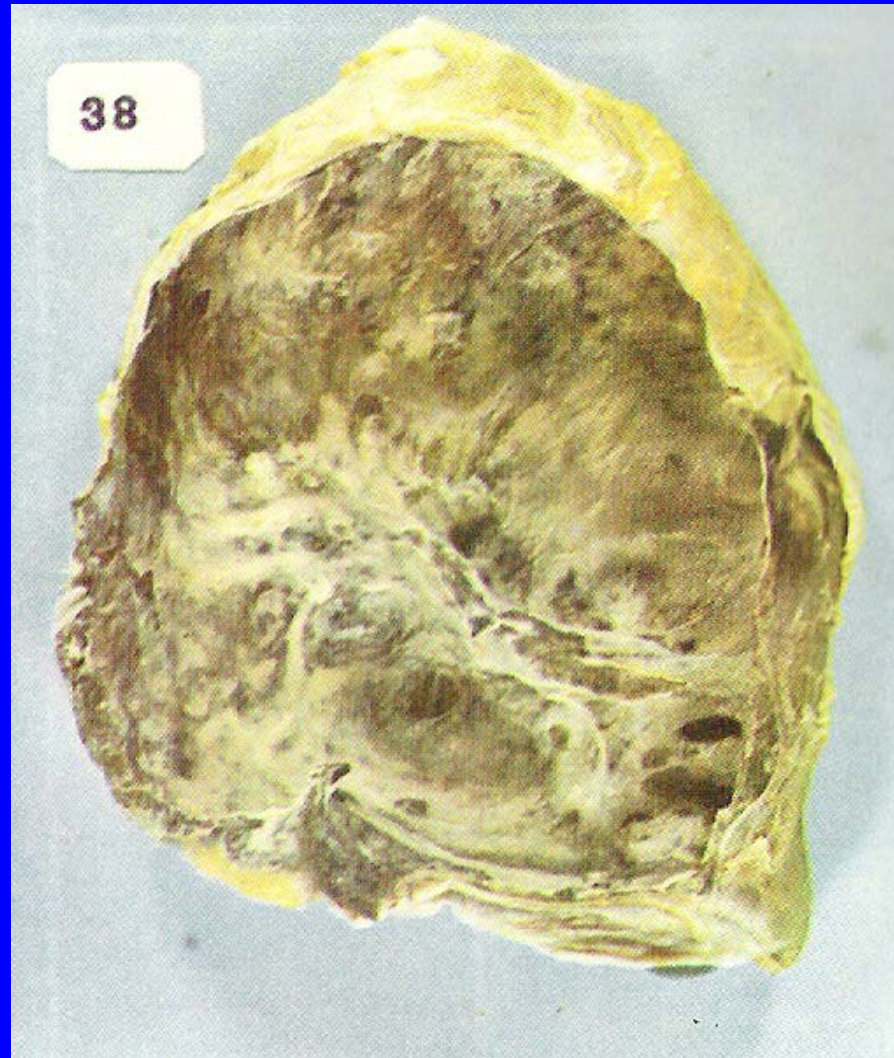
Fibrosi



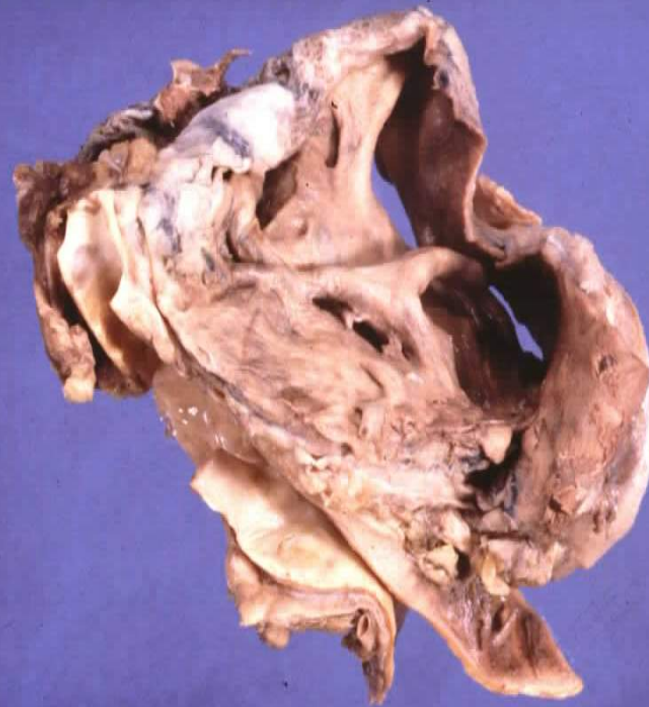
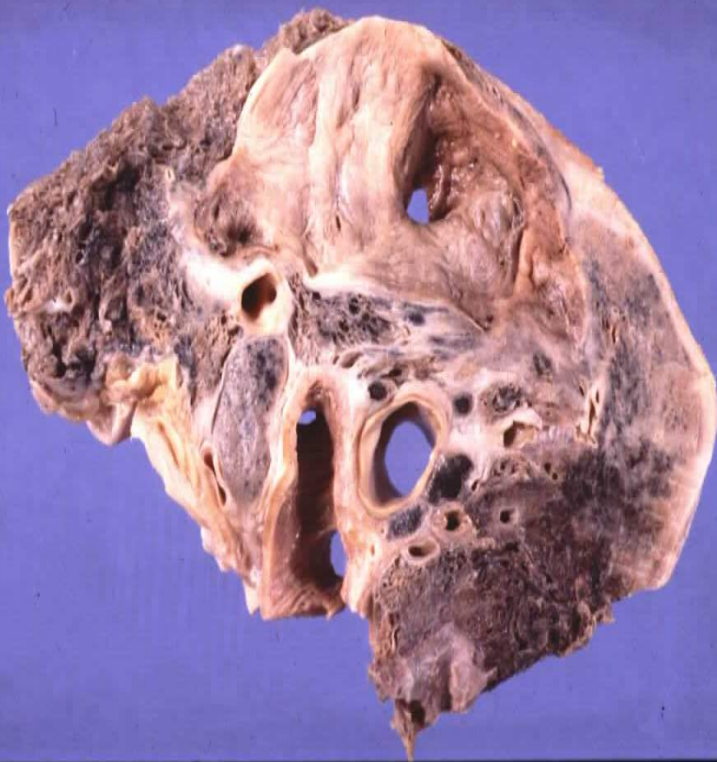
Fibrosi



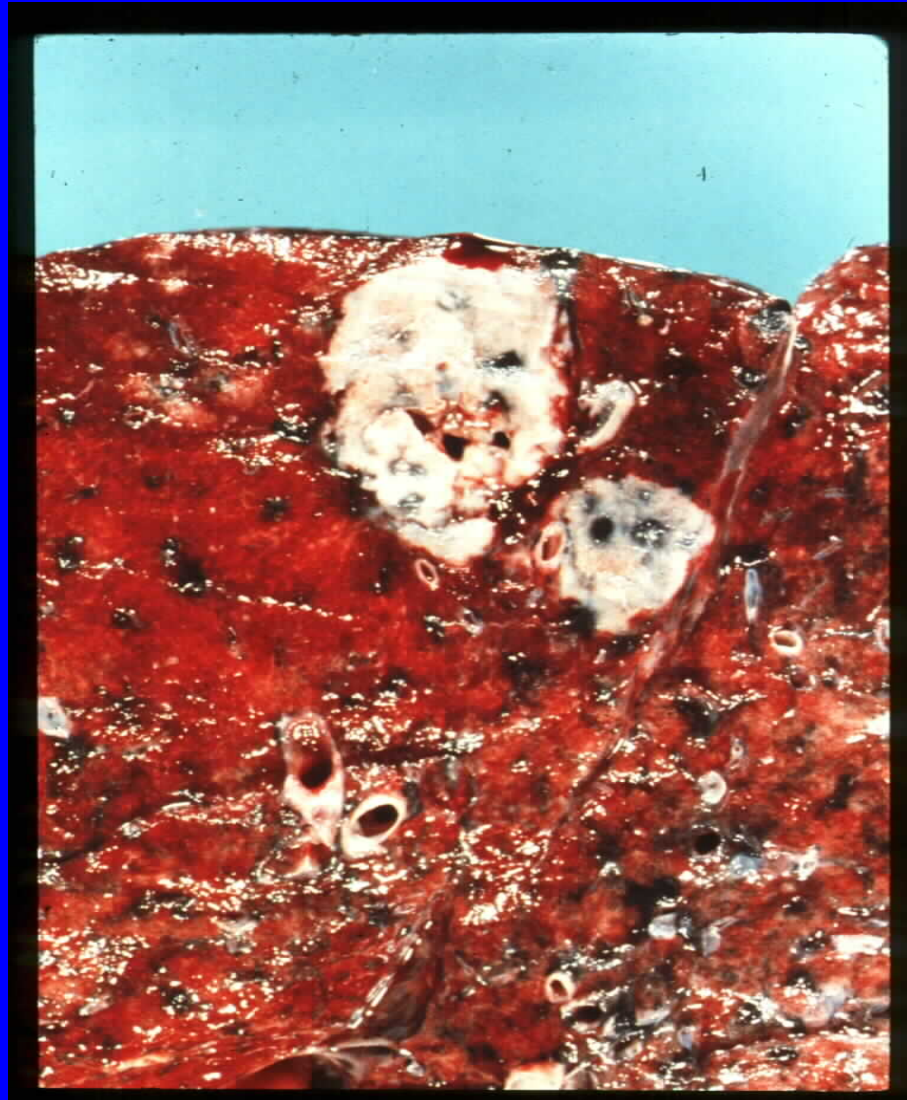
Fibrotorace



Caverne



TUBERCOLOMA



Diagnosi differenziale SARCOIDOSI

