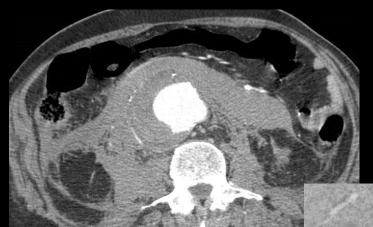
Cas 35



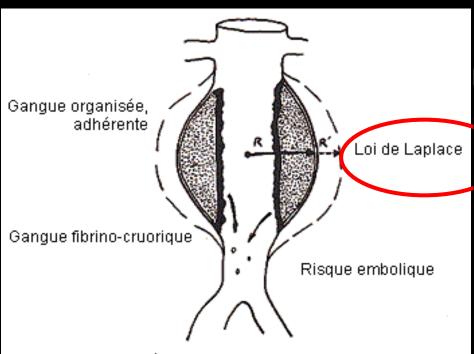


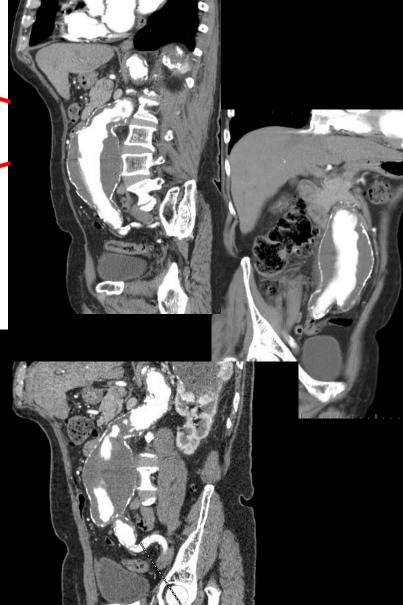












un anévrisme tend spontanément à augmenter de volume car, selon la loi de Laplace, plus le diamètre (D) est grand, plus la tension pariétale (T) qui s'exerce sur les parois est importante (à pression P et épaisseur e constante) donc plus l'anévrisme se dilate

 $T=P \times R/2e$

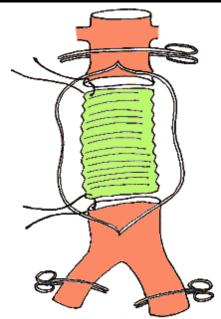
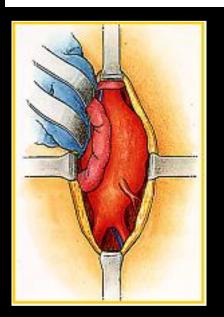
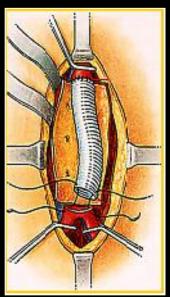
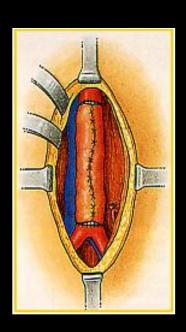


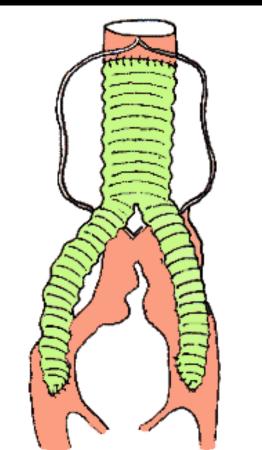
Fig.3 : Mise à plat-rétablissement de la continuité

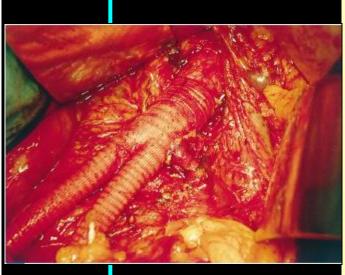








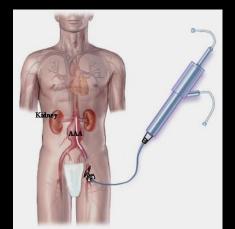


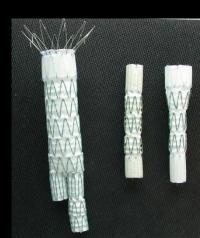




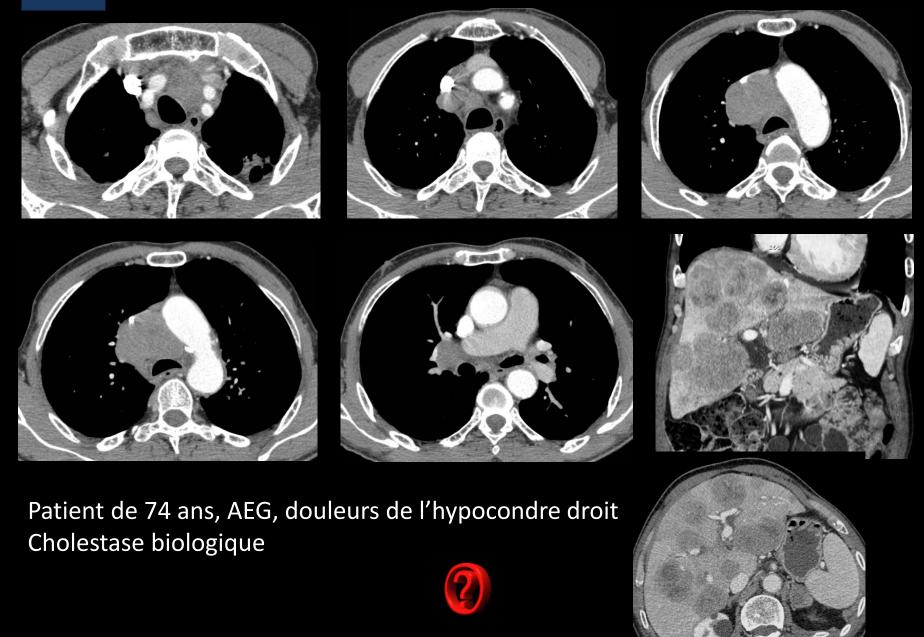
<u>endo</u>prothèse aorto-iliaque

prothèse aorto-iliaque : « culotte aortique »

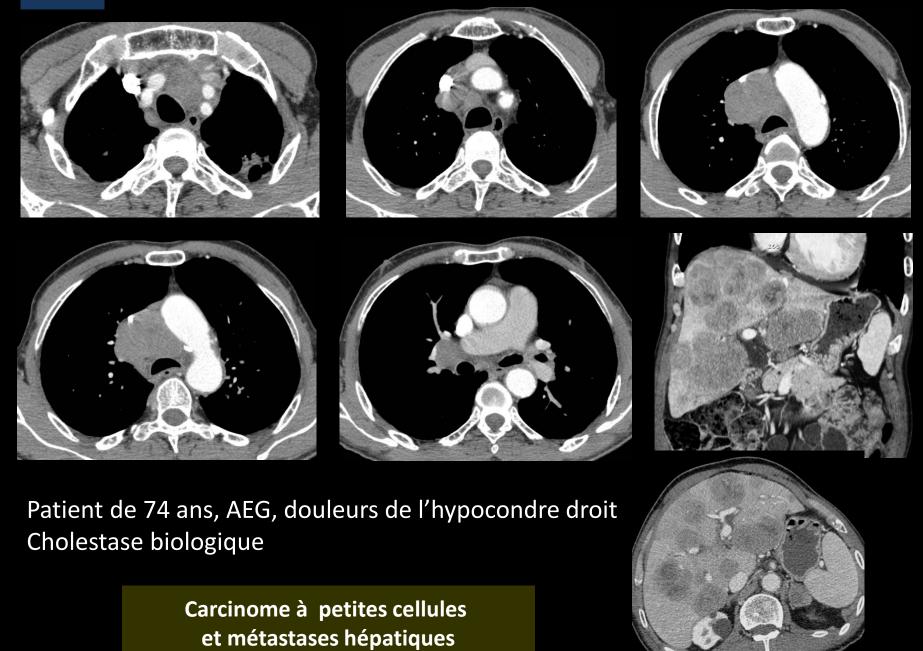


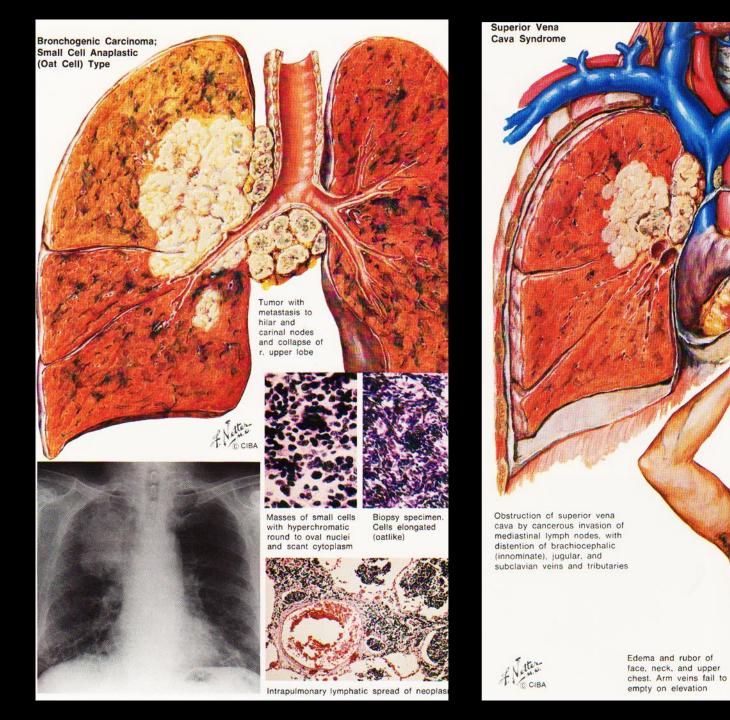


Cas 36

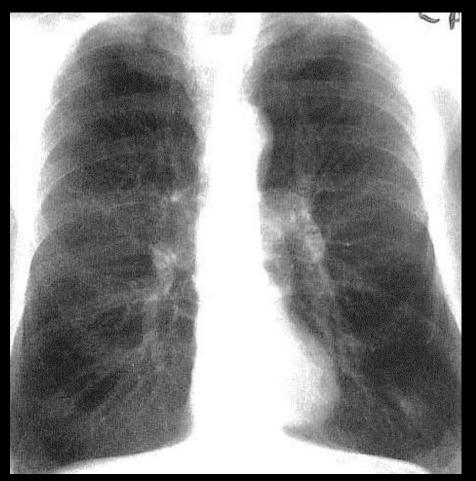


Cas 36

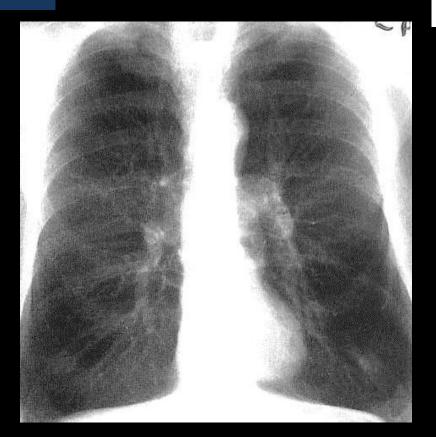












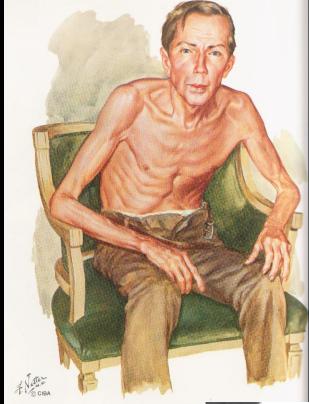
Espace clair rétro sternal



- Abaissement et aplatissement des coupoles diaphragmatiques
- "Ascension » et "amincissement" du cœur ; "cœur en goutte"
- Augmentation des EIC visibles
- Horizontalisation des côtes
- Cyphose dorsale, augmentation du diamètre antéropostérieur (thorax en « tonneau »)
- Bombement sternal (thorax "en tonneau")
- Élargissement de l'espace clair rétro sternal

distension thoracique

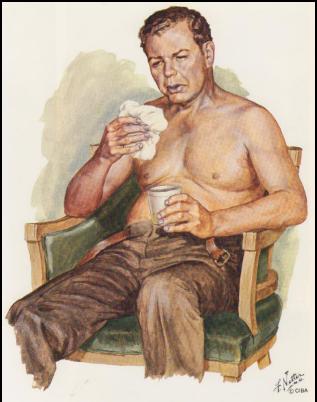
l'emphysémateux (pink puffer)

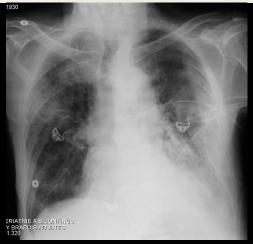


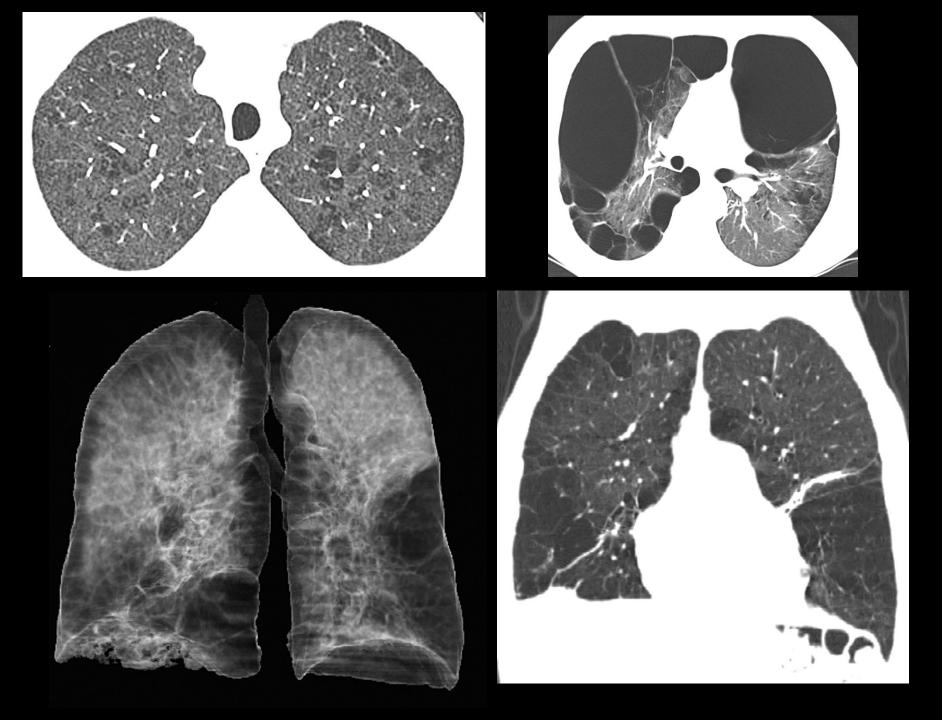


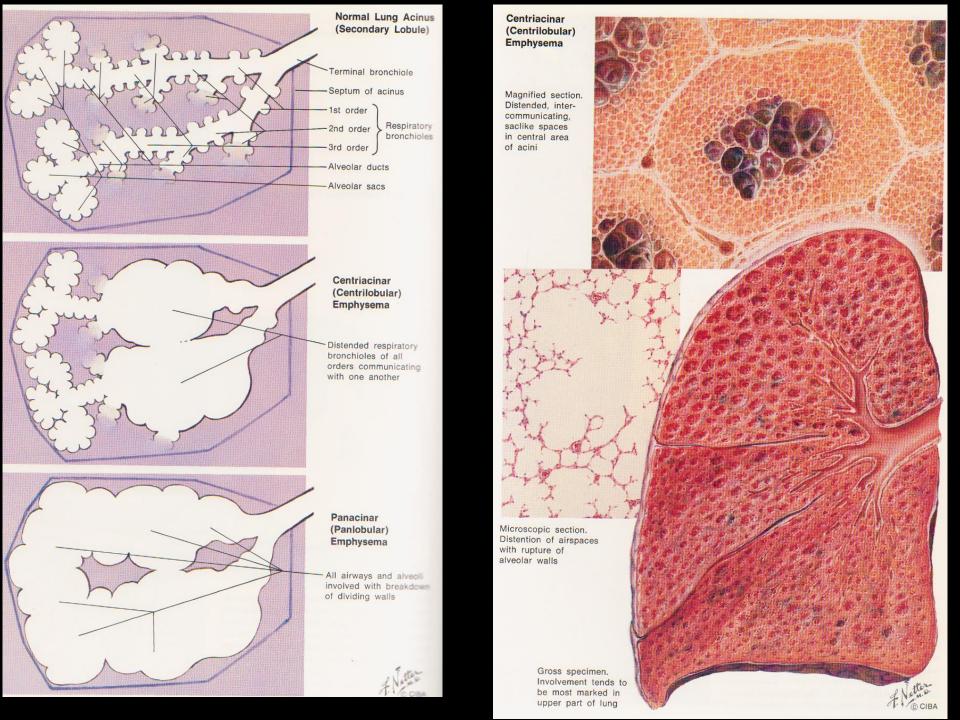


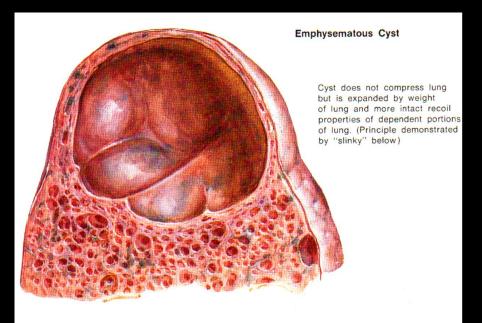
le bronchiteux chronique * (blue blotter))

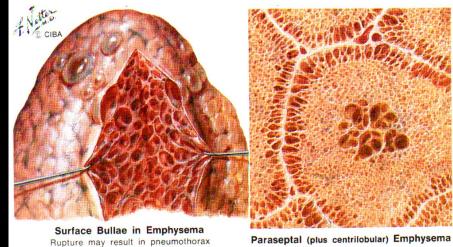


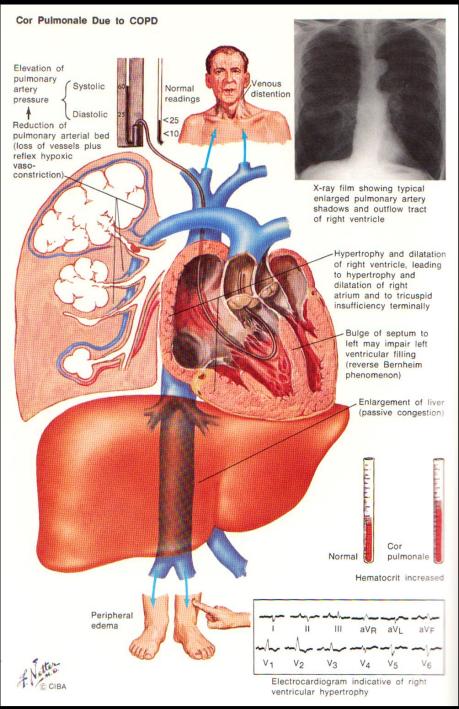


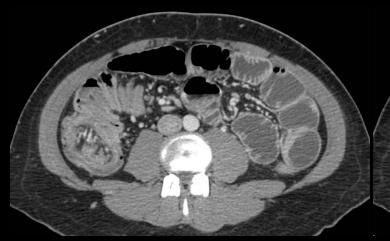














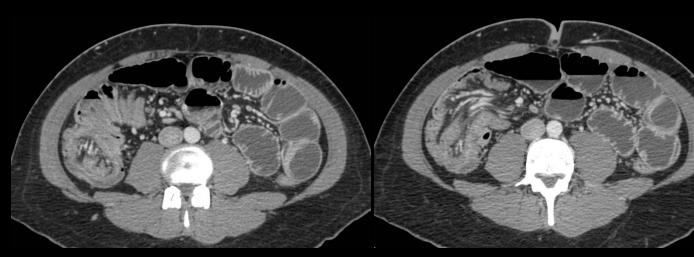


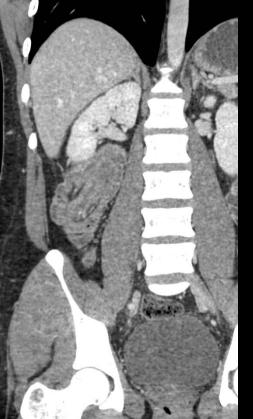




Patient de 25 ans.
Douleurs épigastriques évoluant depuis une semaine.
Syndrome inflammatoire biologique.
Bilan hépato-pancréatique normal.





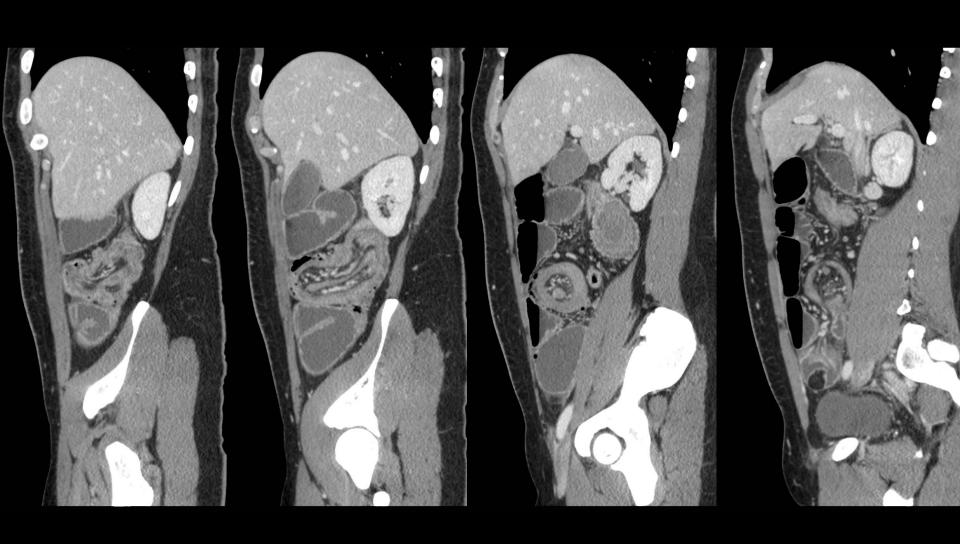


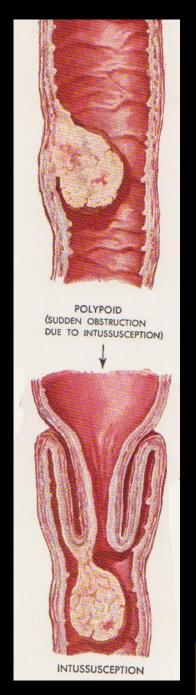


Patient de 25 ans.
Douleurs épigastriques évoluant depuis une semaine.
Syndrome inflammatoire biologique.
Bilan hépato-pancréatique normal.



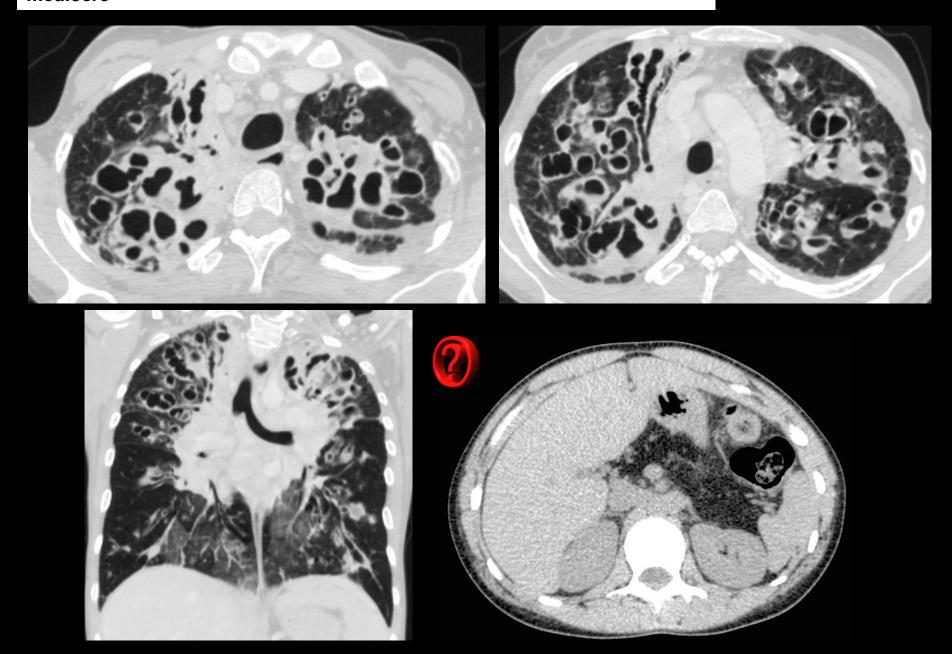
Invagination iléo-colique

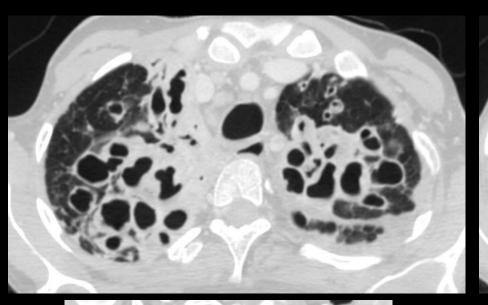




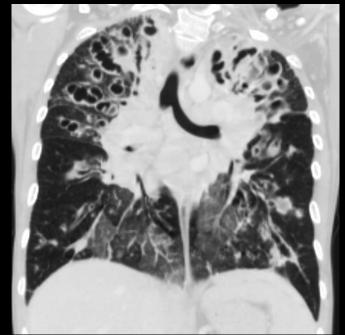


Invagination iléo-colique (ADK valvule de Bauhin, mucocèlee appendiculaire, LMNH Burkitt)

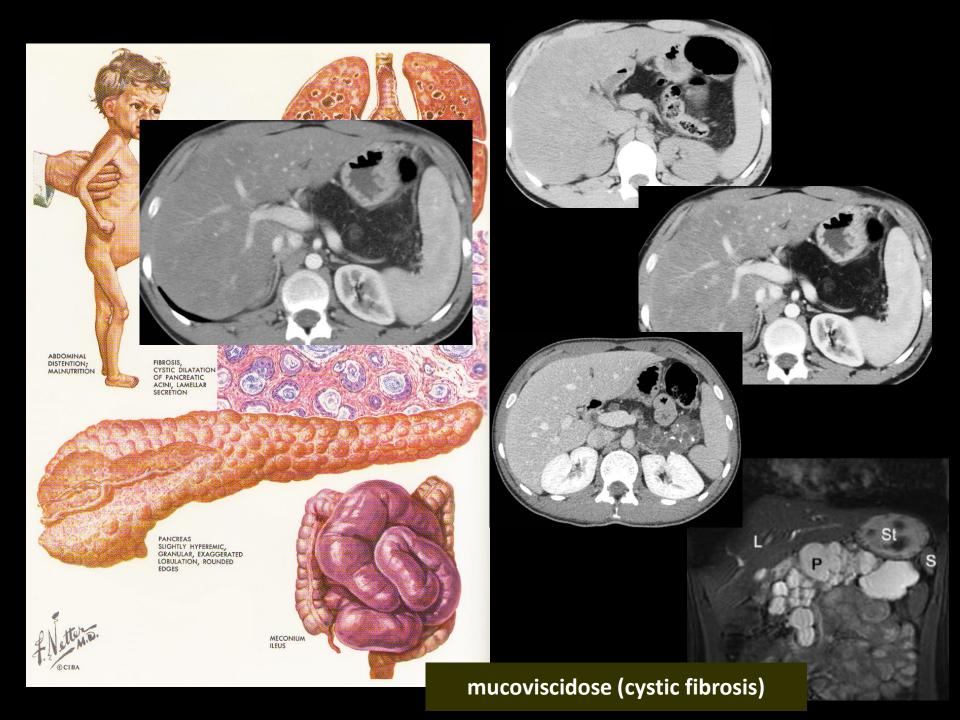




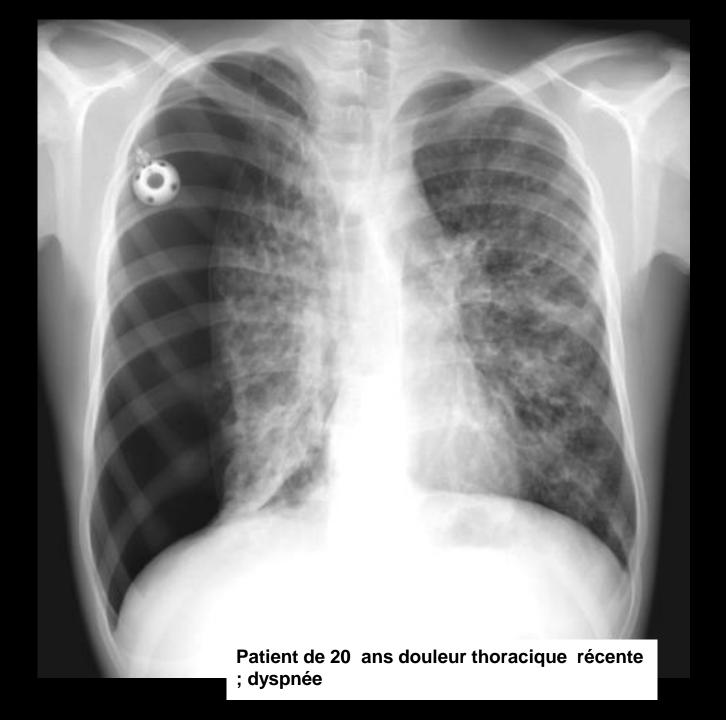


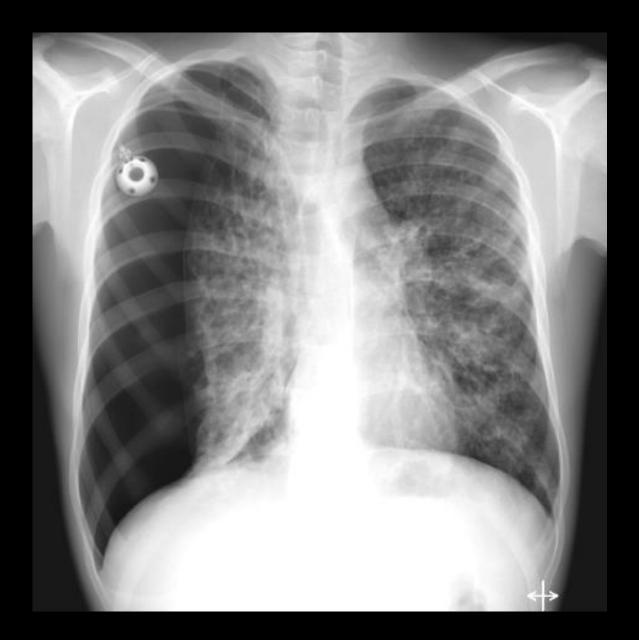




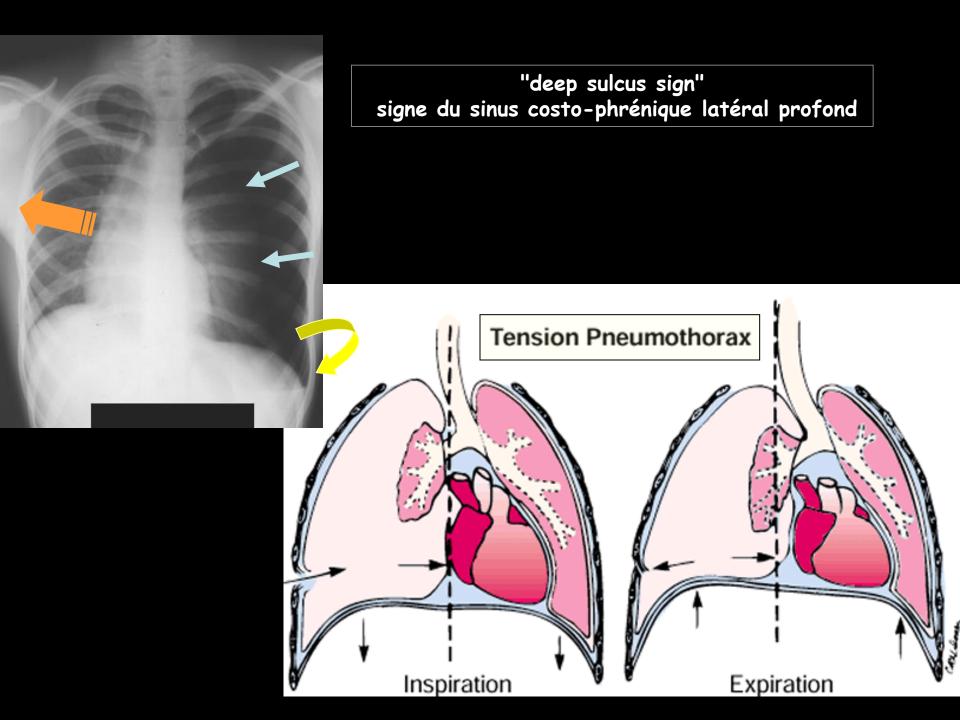


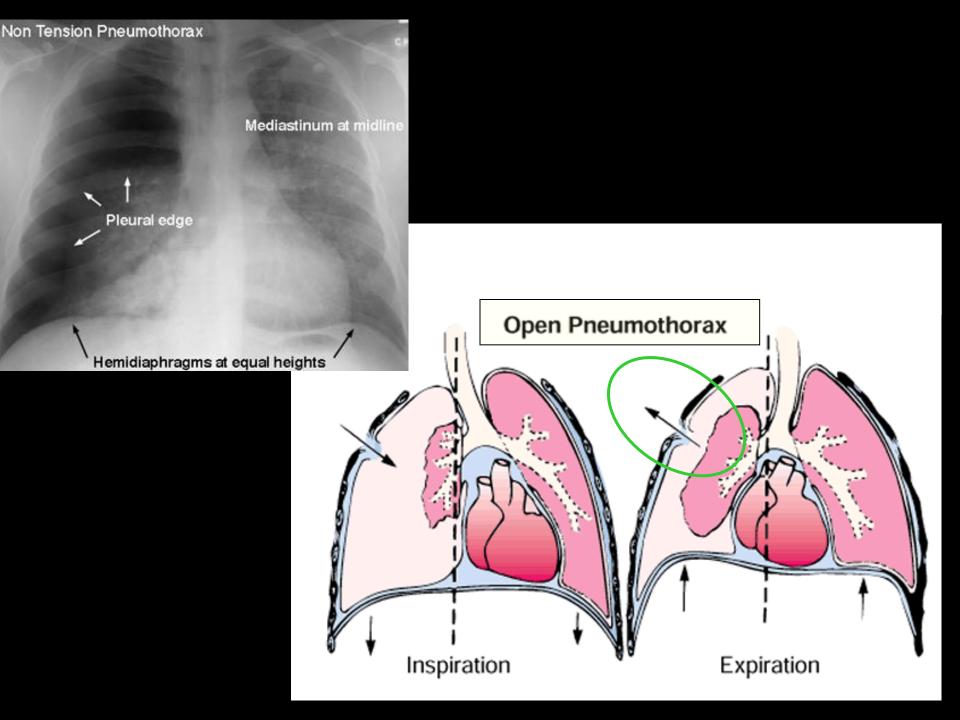






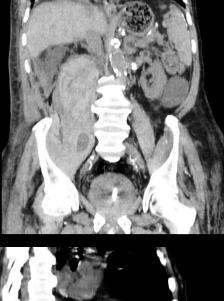
pneumothorax





Cas 41





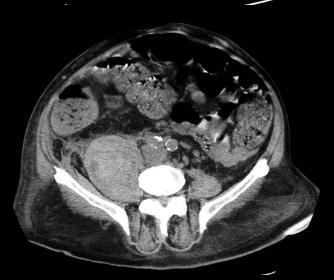












Scanner abdomino-pelvien sans injection:

Hématome spontanément dense au sein du muscle psoas droit

Hématome du psoas



Cas 41







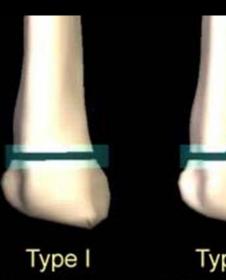
- Enfant de 10 ans
- Chute à vélo, douleur et impotence fonctionnelle de cheville gauche.





- Enfant de 10 ans
- Chute à vélo, douleur et impotence fonctionnelle de cheville gauche.

- Radiographie de cheville gauche de profil
- Fracture de l'extrémité inférieure du tibia G.
- Trait de refend métaphysaire
- Salter et Harris II.



Physis fracture



Type II Metaphysis and physis fracture



Type III Epiphysis and physis fracture



Type IV Epiphysis to Metaphysis fracture



Type V Crush fracture

Salter-Harris Epiphyseal Fracture Classification

*Physis (growth plate) is highlighted in blue. Fracture line is black or red.



Type II



Type III



Type IV

Cas 43



 Patiente de 35 ans, douleurs chroniques des mains et des poignets.



Cas 43



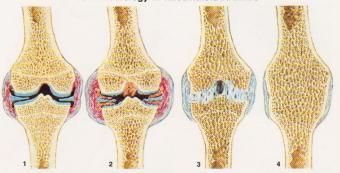
- Patiente de 35 ans, douleurs chroniques des mains et des poignets.
- Déminéralisation épiphysaire en bandes
- Pincement articulaire des IPP
- Erosions osseuses (2^e, 3^e et 4^e phalanges)



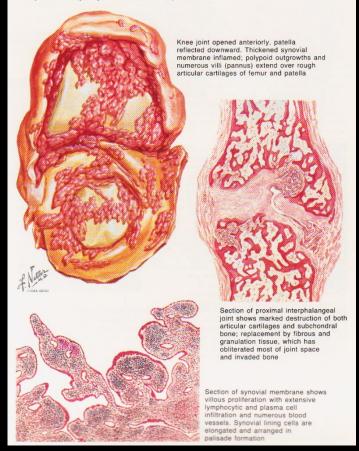
Polyarthrite rhumatoïde

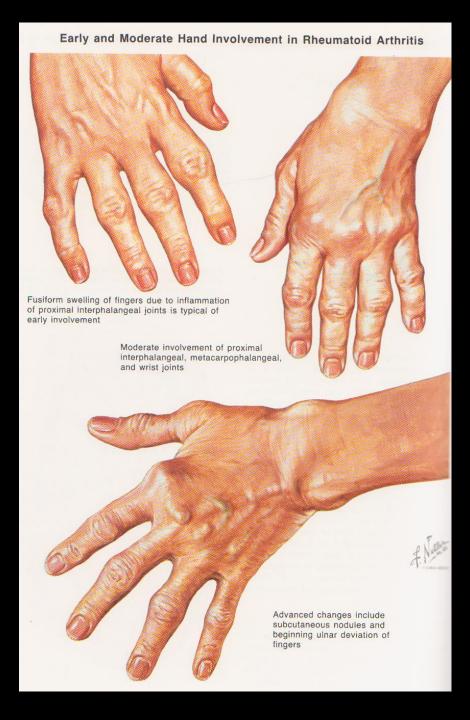


Joint Pathology in Rheumatoid Arthritis

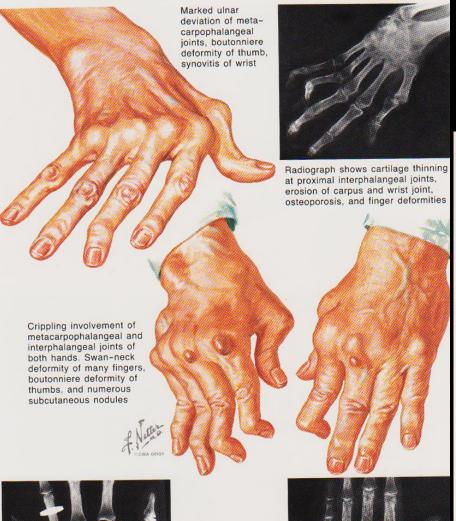


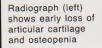
Progressive stages in joint pathology. 1. Acute inflammation of synovial membrane (synovitis) and beginning proliferative changes. 2. Progression of inflammation with pannus formation; beginning destruction of cartilage and mild osteoporosis. 3. Subsidence of inflammation; fibrous ankylosis. 4. Bony ankylosis; advanced osteoporosis





Advanced Hand Involvement in Rheumatoid Arthritis

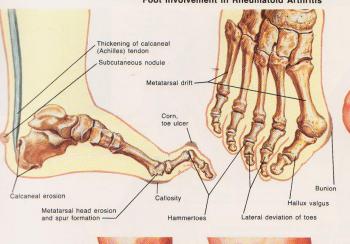


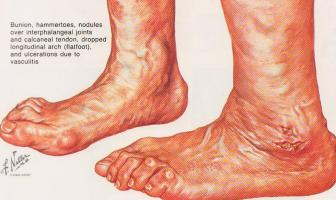


Same patient after 14 years (right). Carpus, wrist joint, and ulnar head completely eroded



Foot Involvement in Rheumatoid Arthritis

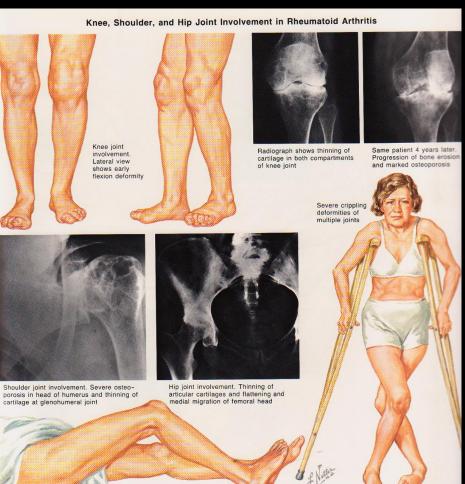




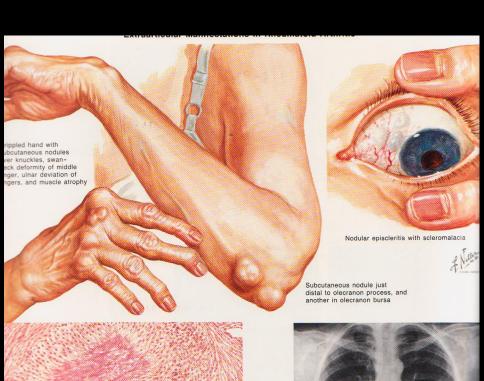


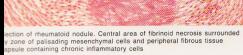


Radiograph shows severe erosior of metatarsal heads and bases of proximal phalanges, subluxation of metatarsophalangeal joints, marked osteoporosis, and severe hallux valgus

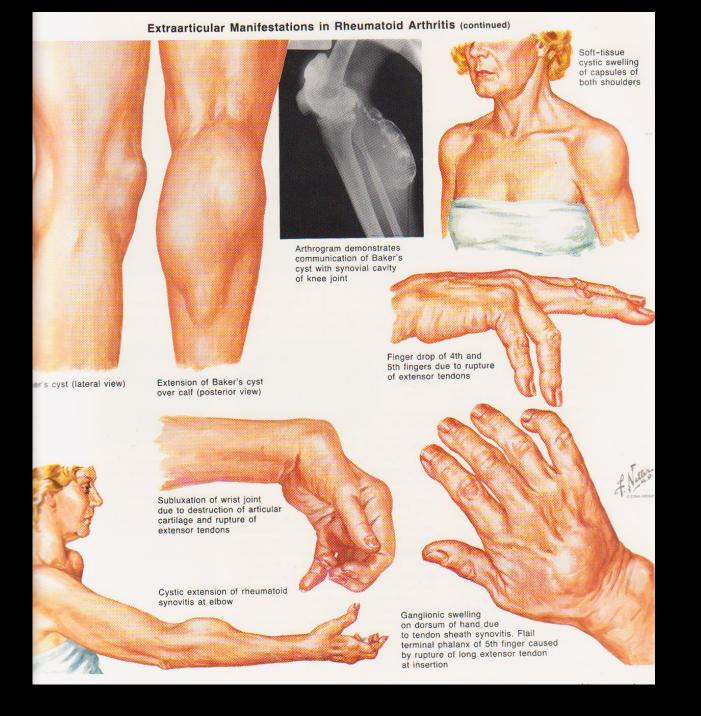


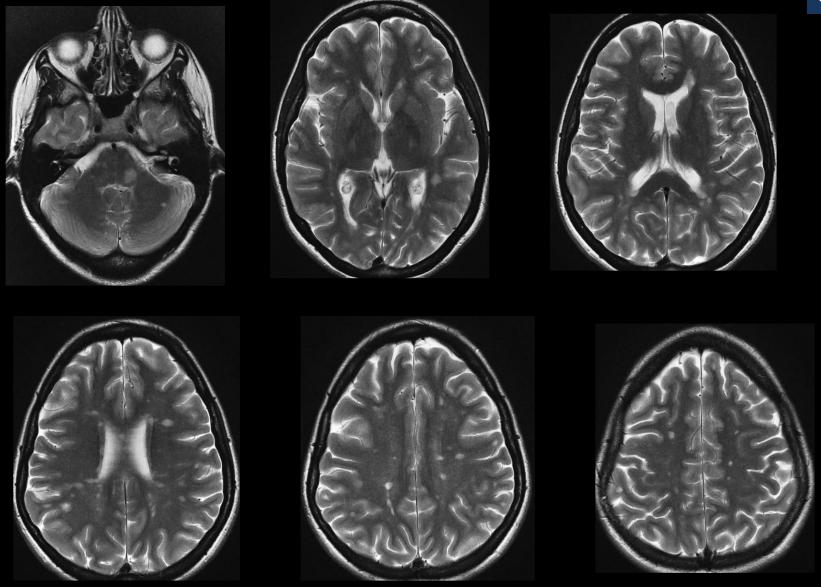
Flexion contracture of hip joint



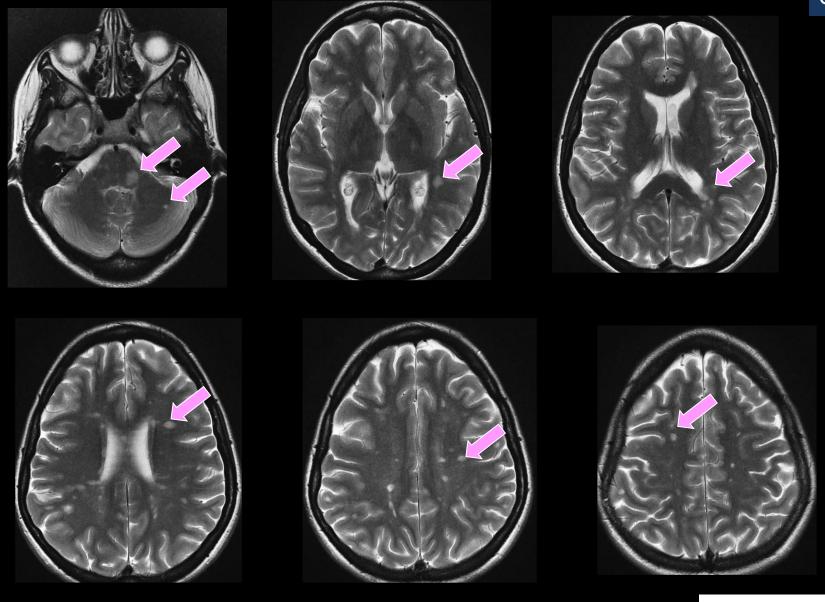


Radiograph shows rheumatoid nodule in right lung.
Lesion may be misdiagnosed as carcinoma until identified by biopsy or postsurgical pathologic analysis

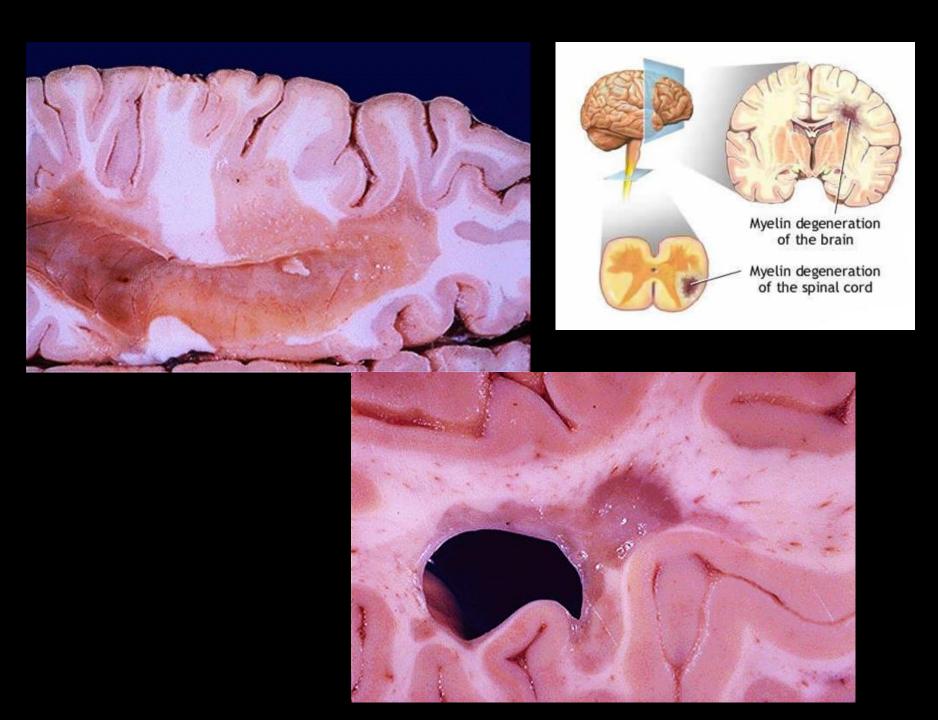


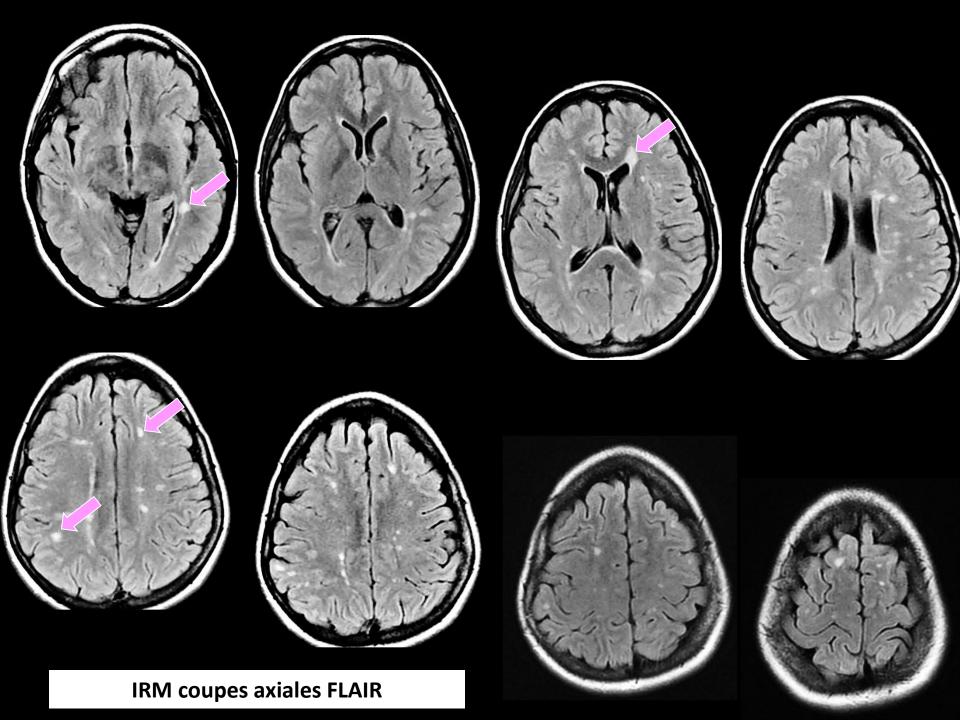


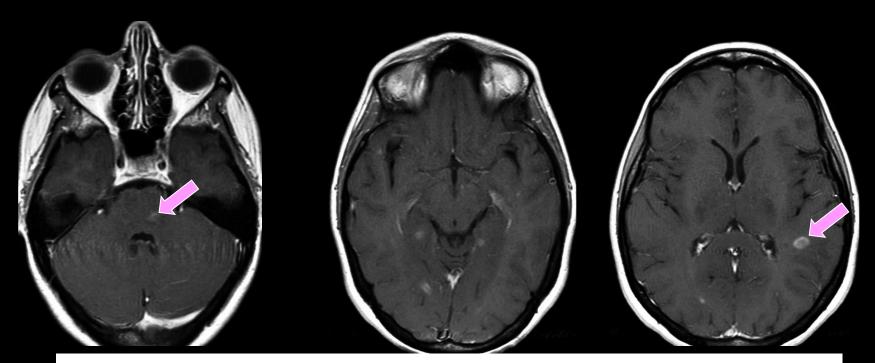
IRM coupes axiales pondérées T2



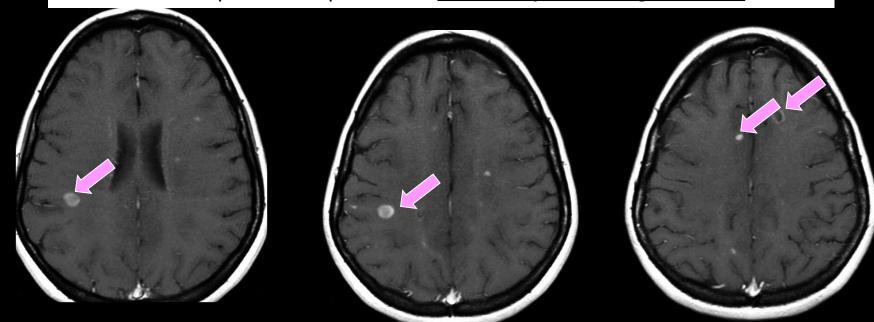
IRM coupes axiales pondérées T2







IRM coupes axiales pondérées <u>T1 avec injection de gadolinium</u>

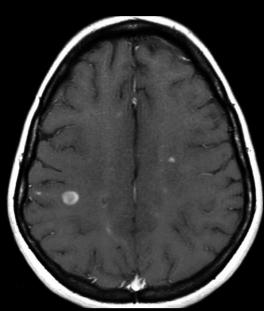


La sclérose en plaques se définit par la notion de dissémination temporo-spatiale : deux épisodes neurologiques (et/ou IRM) dans des régions différentes à plus d'un mois d'écart.

Les nouveaux critères de McDonald objectivent la dissémination temporelle sur une seule IRM s'il existe une association d'images prenant et ne prenant pas le contraste.

La ponction lombaire aide au diagnostic et au diagnostic différentiel.

Les traitements ont pour but de limiter la fréquence des poussés, la progression de la maladie et de prendre en charge les symptômes résiduels.



Adulte jeune (20–40 ans), prédominance féminine (70 %).

Prévalence : 70 000 à 80 000 patients en France.

Un gradient nord-sud est observé au niveau mondial (par exemple, deux fois plus de scléroses en plaques en Scandinavie qu'au Portugal).

Populations caucasoïdes : haplotype HLA DR2/1501 plus fréquent.

Facteurs d'environnement :

- -infections virales (EBV...),
- hygiène (une hygiène « excessive » semble augmenter le risque),
- -parasitoses (qui protégeraient),
- -tabac (qui augmente le risque et aggrave la maladie préexistante)...

