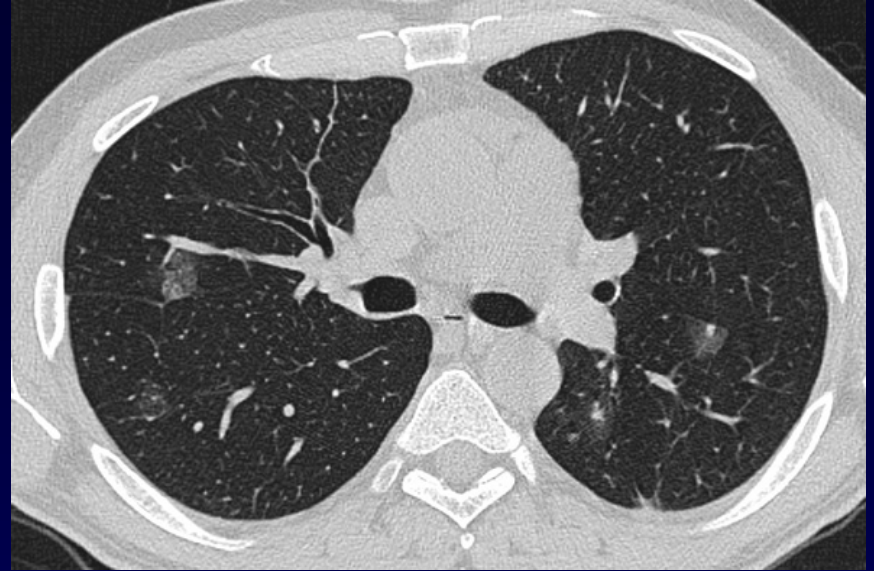


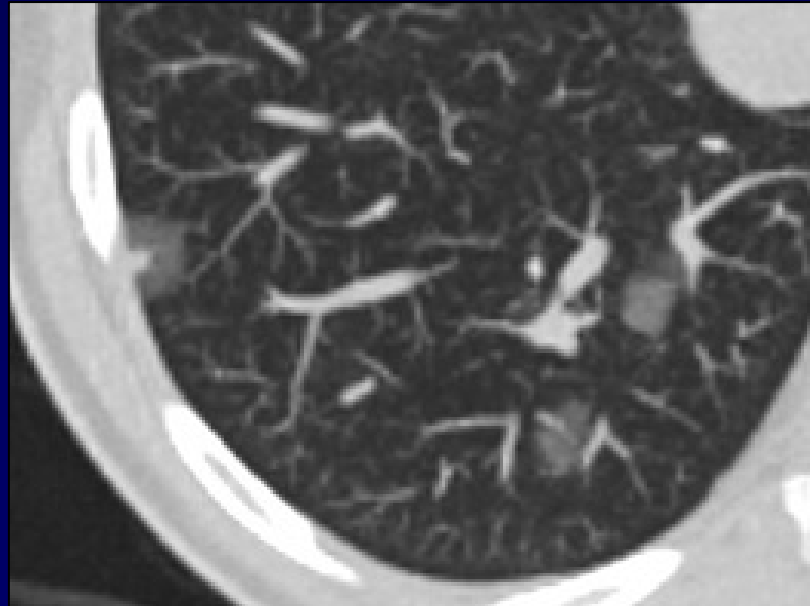
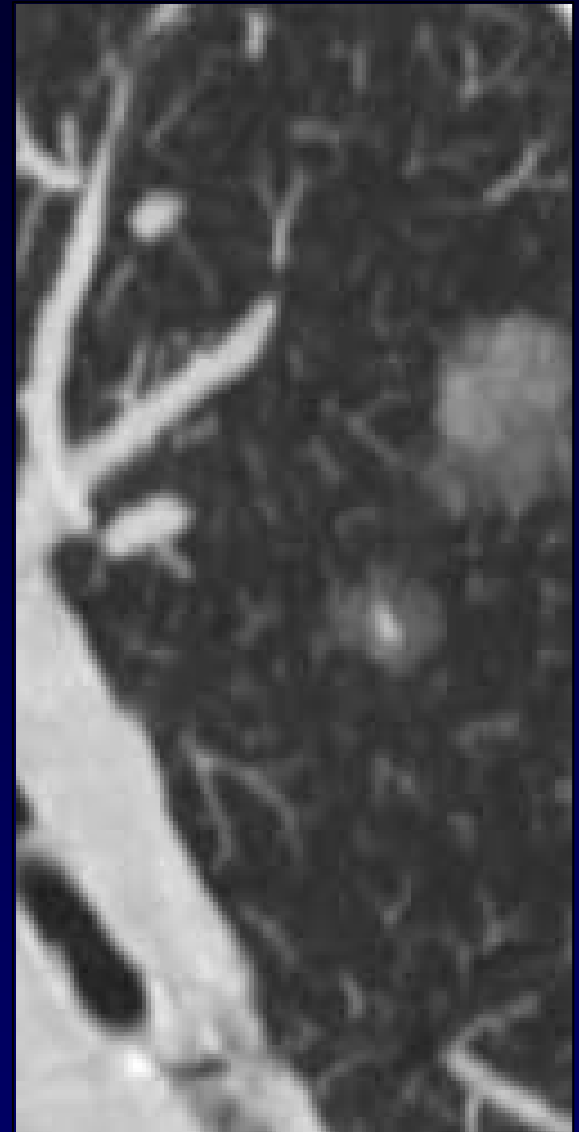
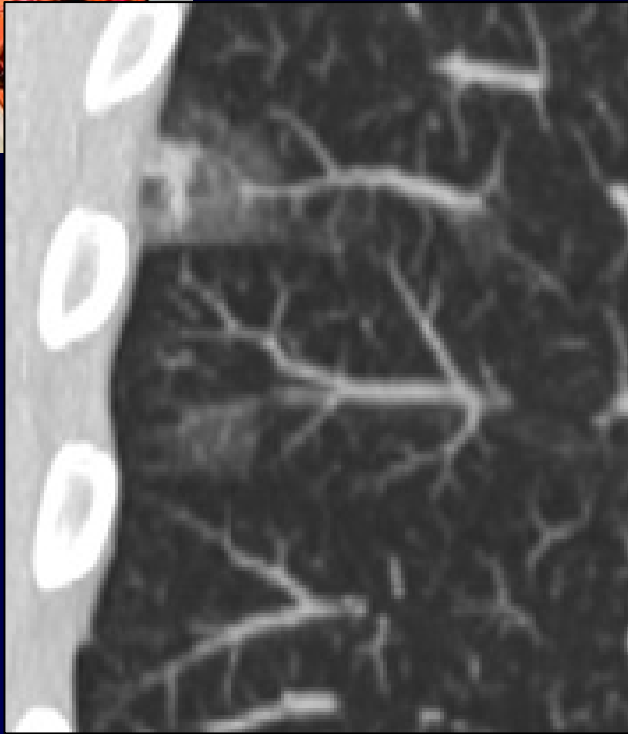


- **Homme de 48 ans non fumeur**
- **Péricardite hémorragique fin 2005, résolution sous drainage et aspirine, bilan étiologique négatif**
- **Depuis avril 2006**
 - **Dyspnée et hémoptysie d'effort**
 - **Pas de fièvre, pas d'inflammation, pas d'anémie**
 - **Gaz du sang normaux**



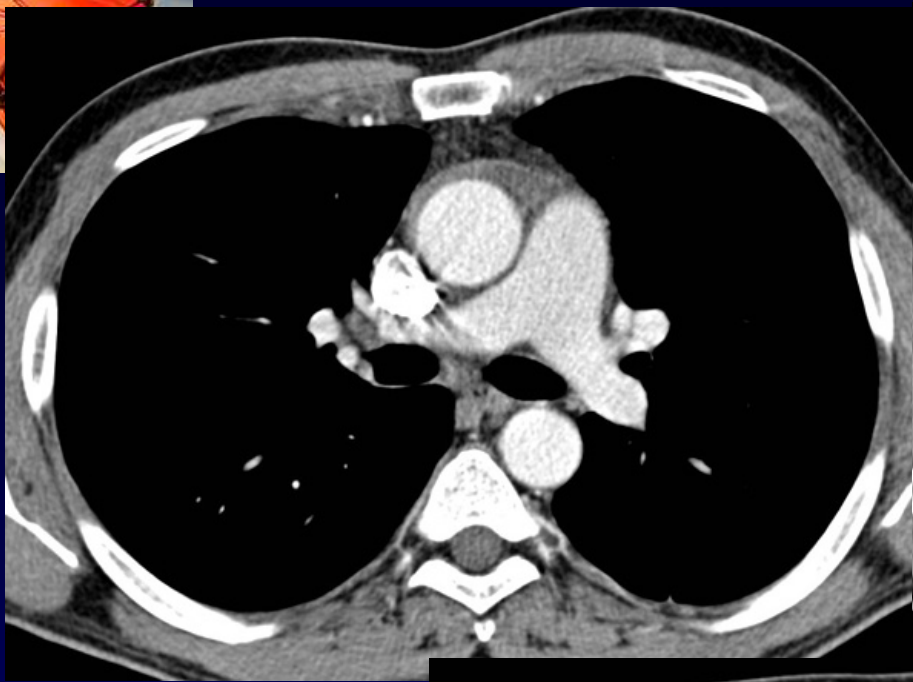
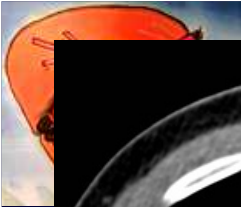


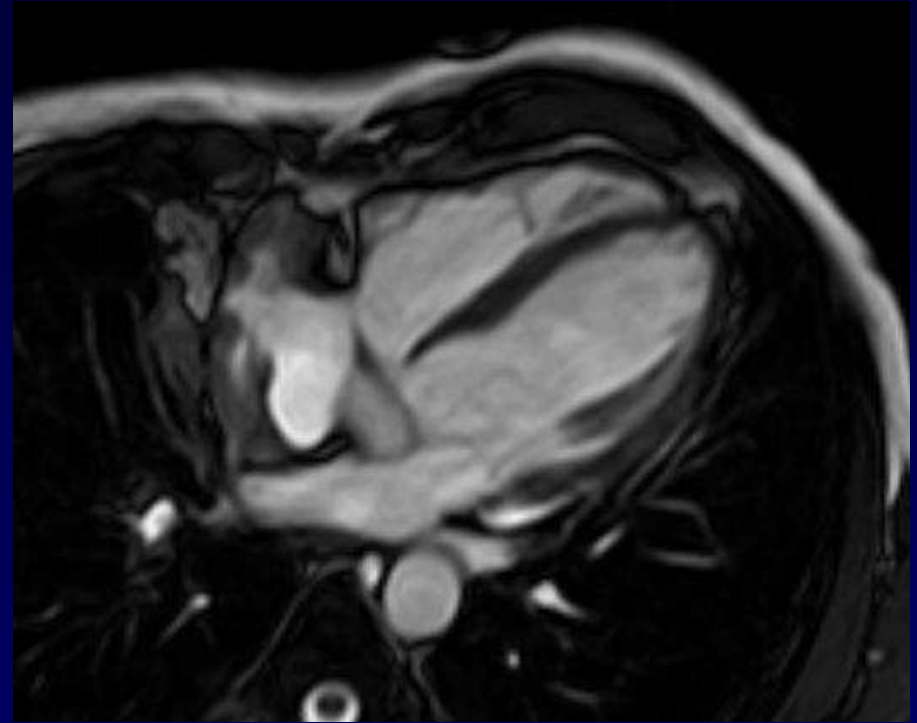
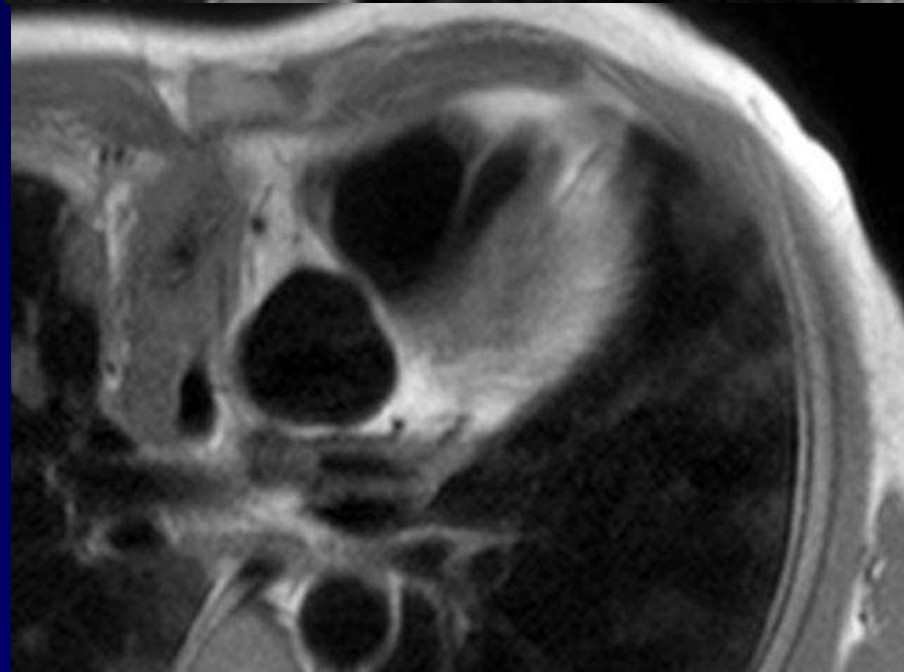






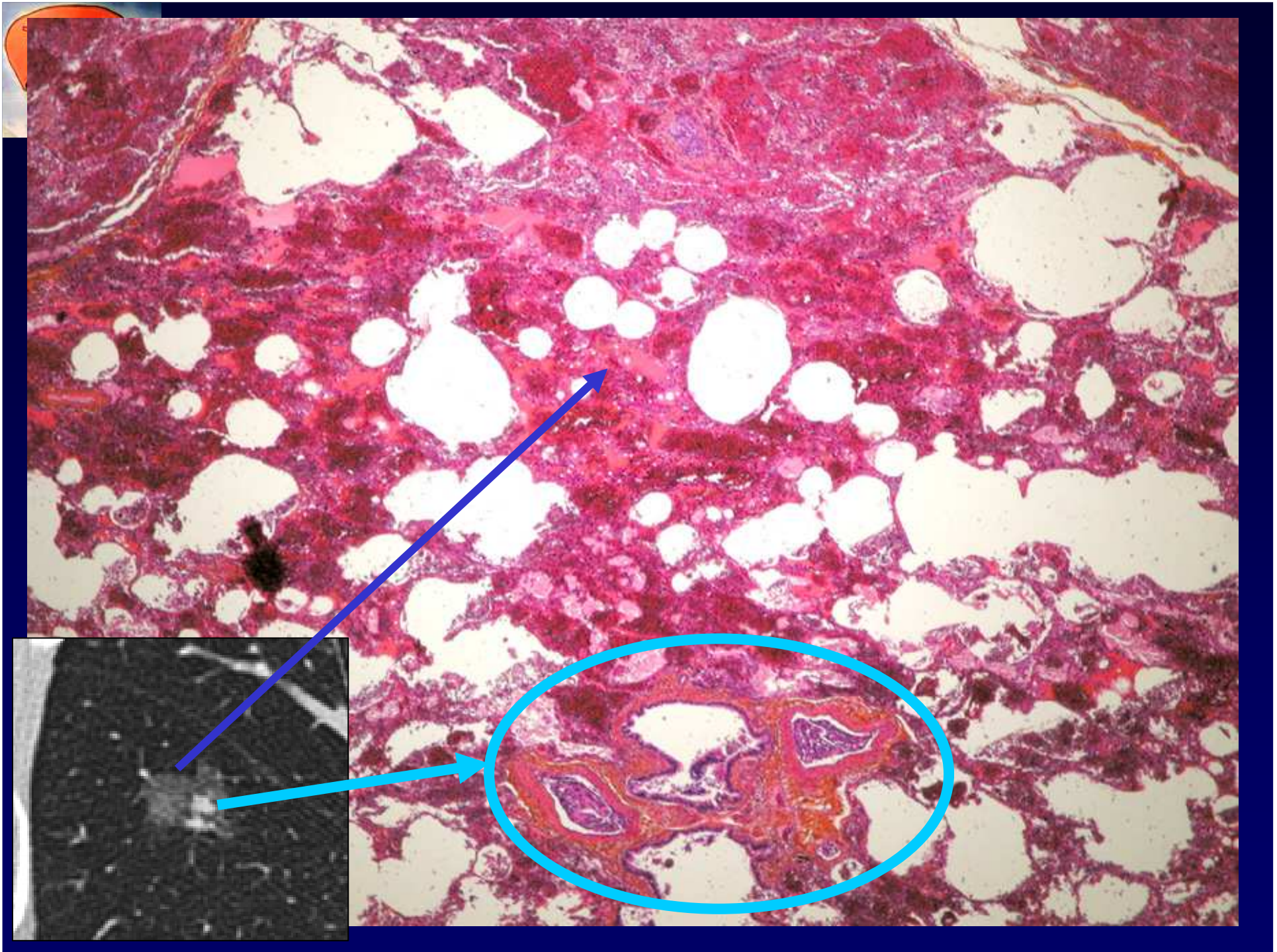
- **Fibroskopie : saignement diffus, cytologie négative**
- **Échocardiographie : épanchement péricardique modéré**

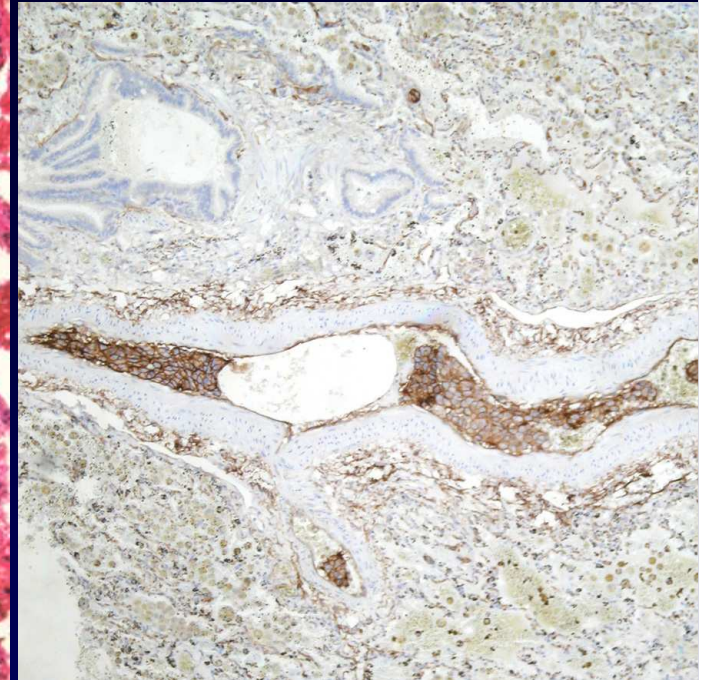
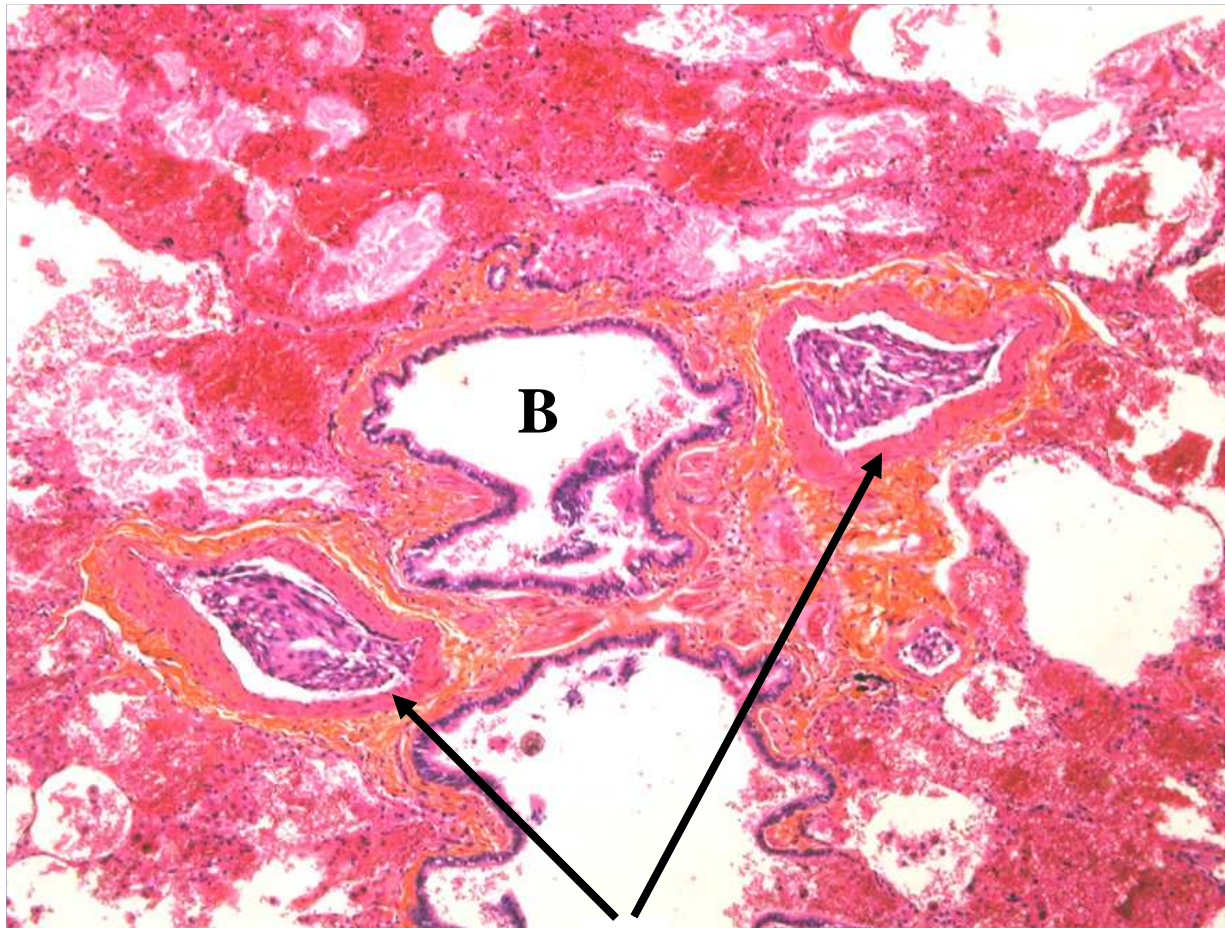






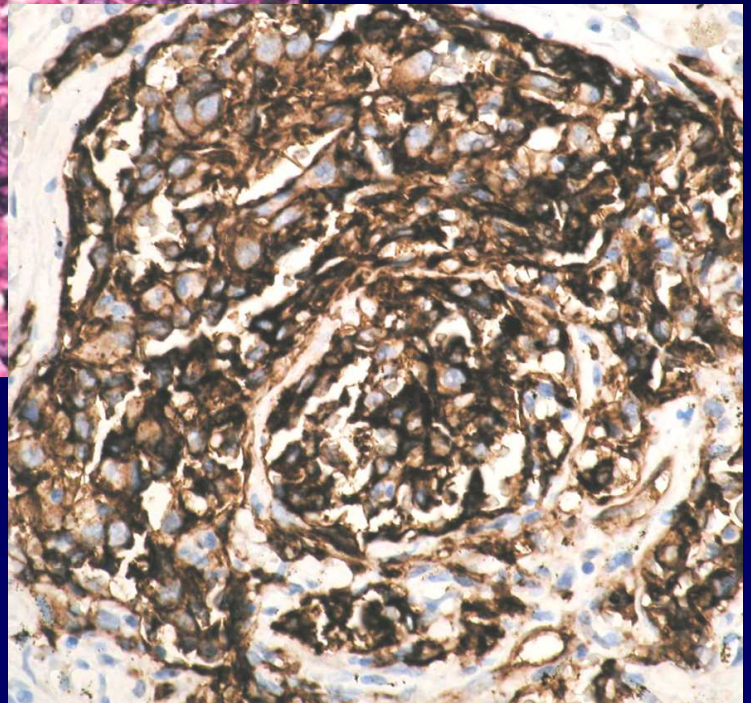
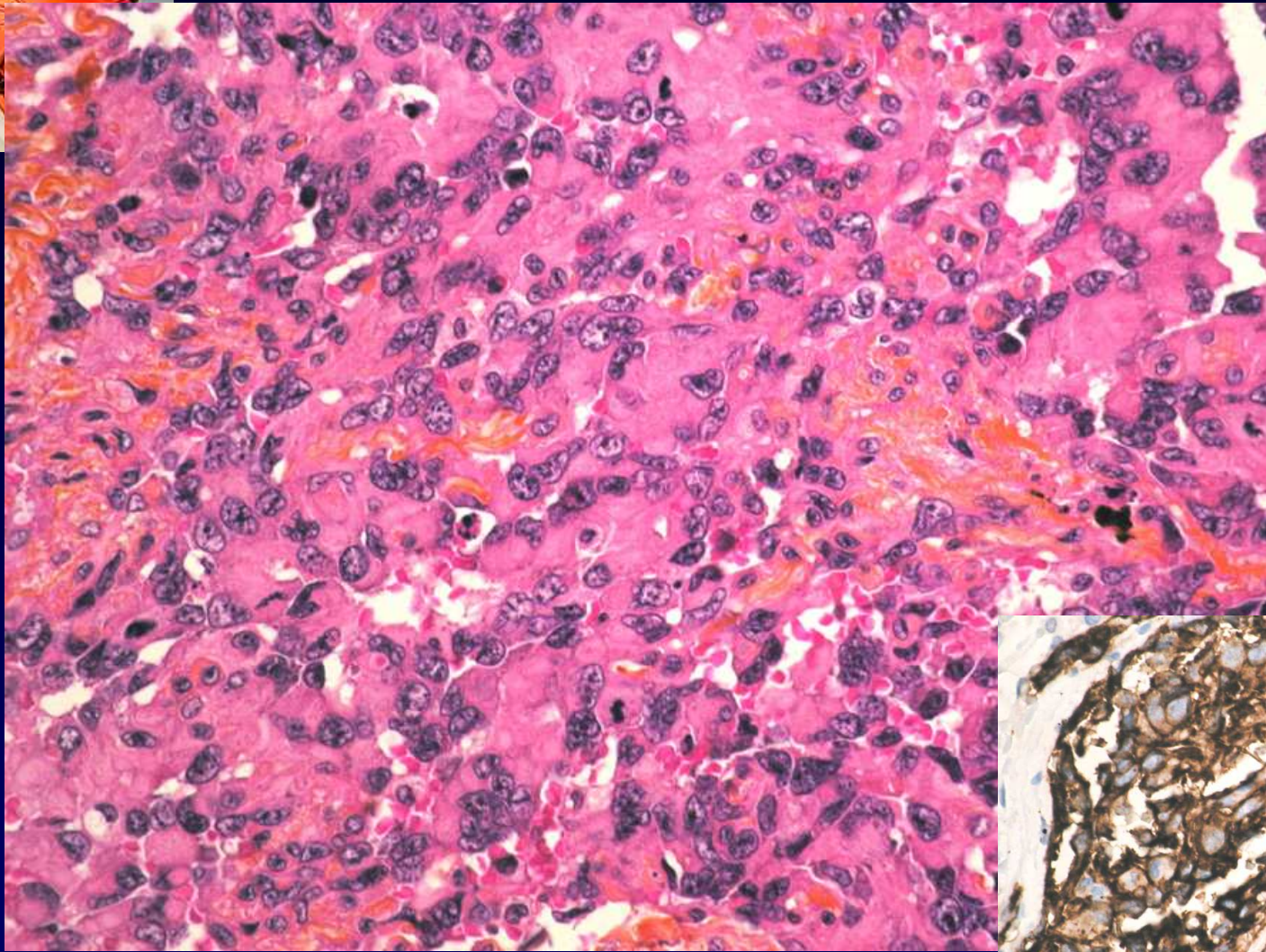
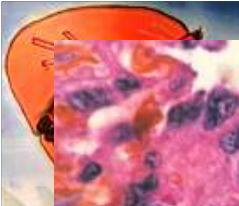
Diagnostic ?





CD34

Metastatic angiosarcoma cells floating in the lumina of pulmonary arteries. Alveolar haemorrhage caused by the invasion of the vessel wall by the malignant proliferation. Tumoral cells show a strong membranar expression of endothelial cell antigens such as CD34 and CD 31.





Diagnostic ?



Diagnostic

**Angiosarcome épithélioïde
de l'atrium droit**

+

Métastases pulmonaires



Discussion : Angiosarcoma of the heart

- **Most common primary malignant tumor of myocardium**
- **Right atrium +++**
- **Tumor may extent to the pericardium**
- **Usualy detected at a late stage**
- **Poor prognosis of 2 – 24 months**
- **Differential: thrombus, myxoma, fibroma, myxosarcoma, fibrosarcoma, lymphoma.**
- **Metastatic tumor are more frequent (x50)**



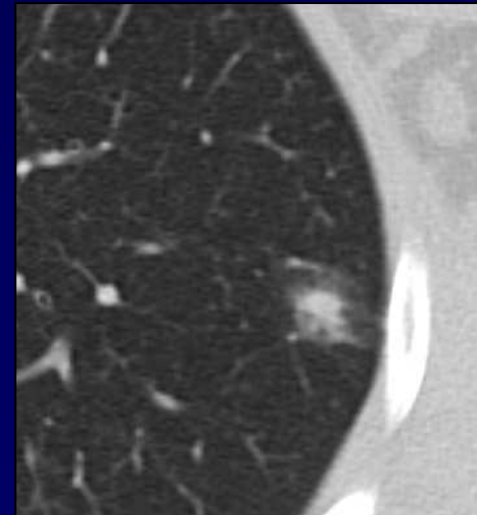
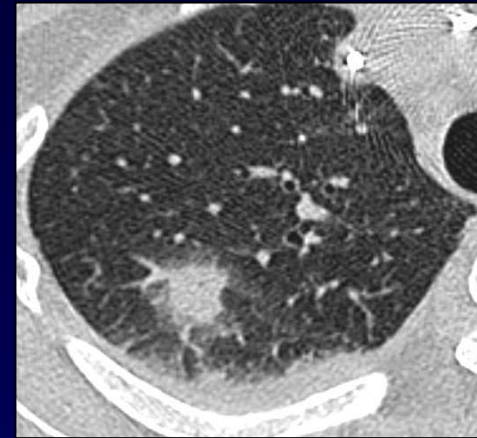
Pulmonary angiosarcoma

- Lung involvement is rare, usually metastatic
- May occur in any organ (skin, soft tissue)
- Clinical presentation:
 - Hemoptysis (episodic or massive)
 - Cough, pain, dyspnea, weight loss
 - Diffuse pulmonary hemorrhage
- Radiological presentation
 - Pulmonary nodules or diffuse infiltration
 - **Nodules with " halo sign** « +++



Differential diagnosis of pulmonary nodules with "halo sign"

- Invasive aspergilosis
- Candidiasis
- CMV, HSV infection
- Wegener's granulomatosis
- Kaposi's sarcoma
- Metastasis of angiosarcoma





Références

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- **Pandit SA. Ann Diag Pathol 2005**