

THE FROZEN SCAPULOTHORACIC SPACE : A PATHOGNOMONIC SYMPTOM OF PERI SCAPULAR FIBROMATOSIS.

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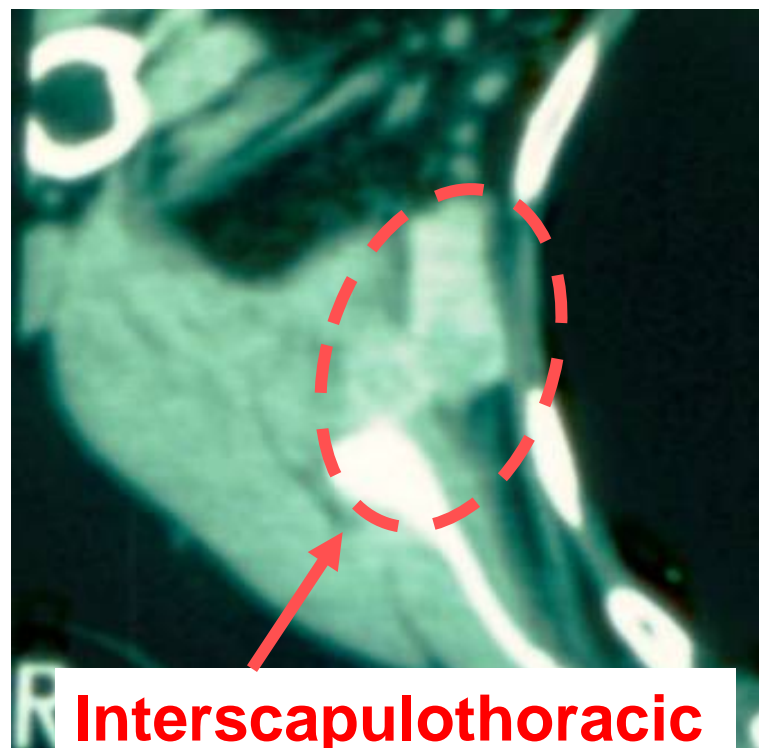
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Introduction



Under anesthesia



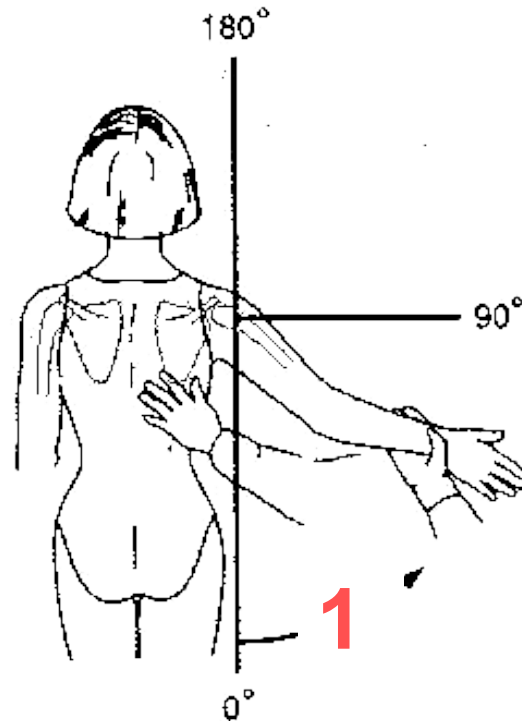
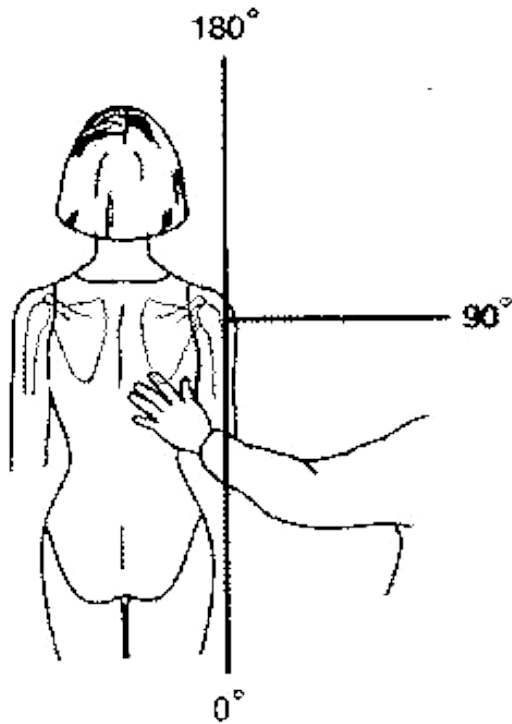
Interscapulothoracic fibromatosis

- The stiffness of the shoulder can result of many illness. Nevertheless, we observed a severe stiffness of the scapulo thoracic space only in fibromatosis.

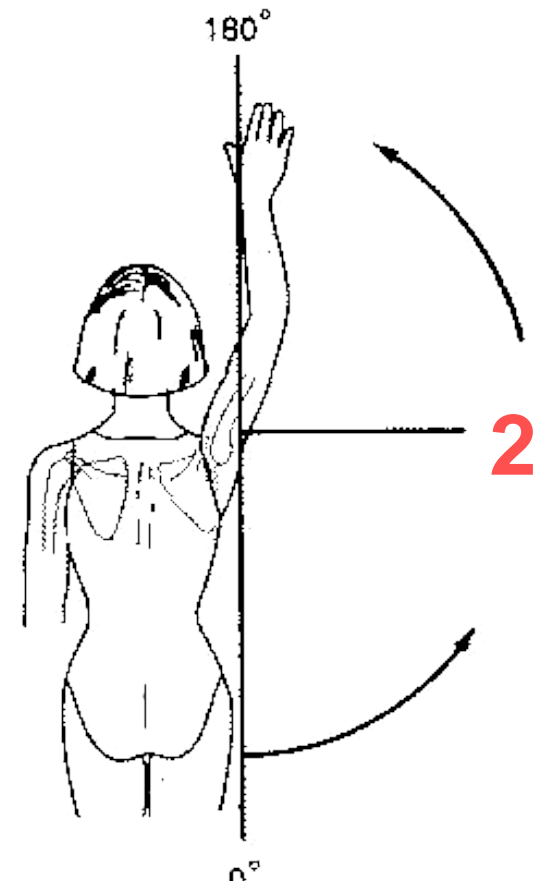
Aim of the study

- To precise the real diagnostic value of this symptom we examined patients with different diseases of shoulder, tumoral and non tumoral .
- The passive mobility of the shoulder of every patient was analysed.

Method



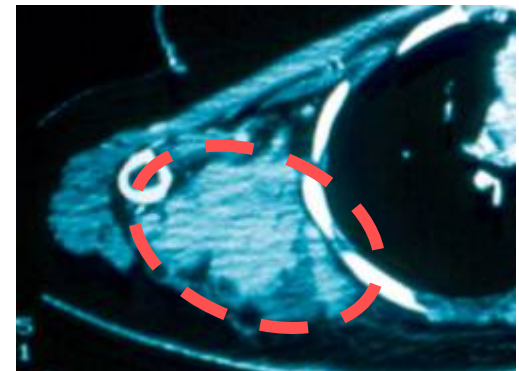
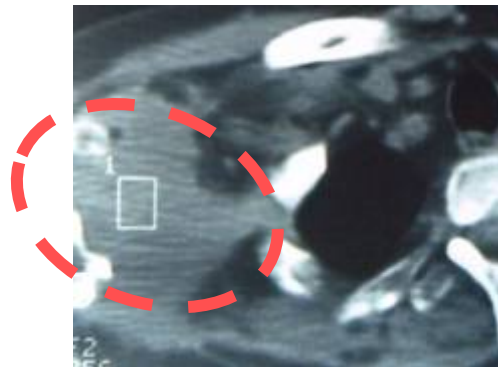
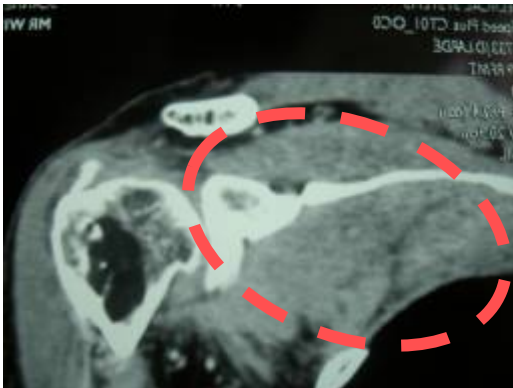
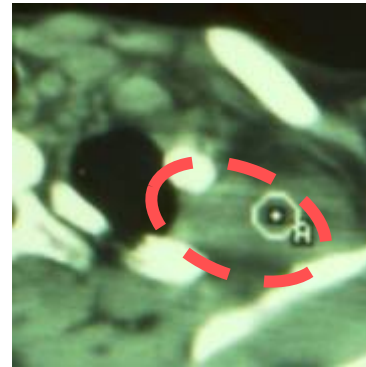
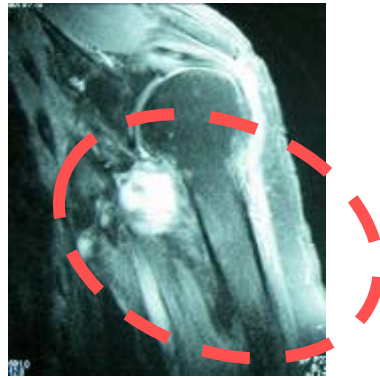
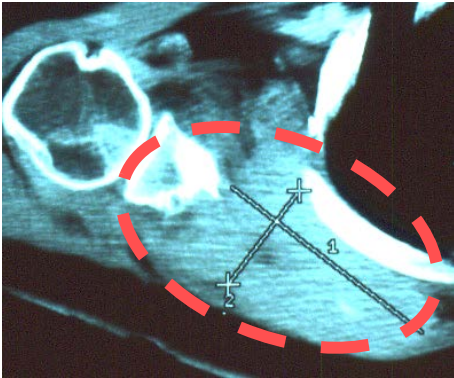
Scapulo humeral



Total capulo huméral and scapulo thoracic

For every patient we studied the **mobility of scapulo humeral joint (1)** and **scapulothoracic space(2-1)**

11 patients with peri-scapular fibromatosis

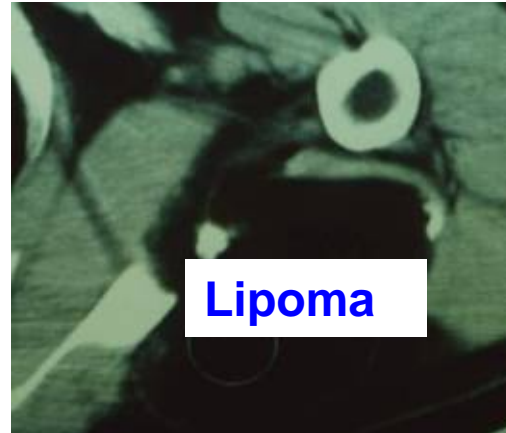
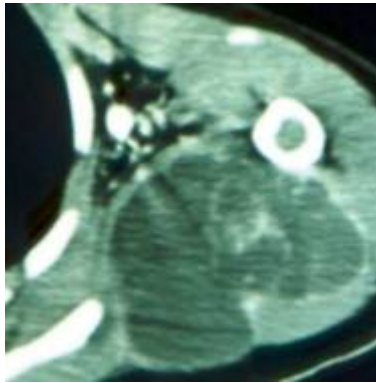


50 patients with non tumoral diseases of shoulder

- **arthritis** and
- **rotator cuff** pathology,



50 peri-scapular soft tissues tumours



Lipoma



Angioma



Fibrosarcoma



Synovial sarcoma



Liposarcoma

100 patients with primitive or secondary malignancies of humerus or scapula.



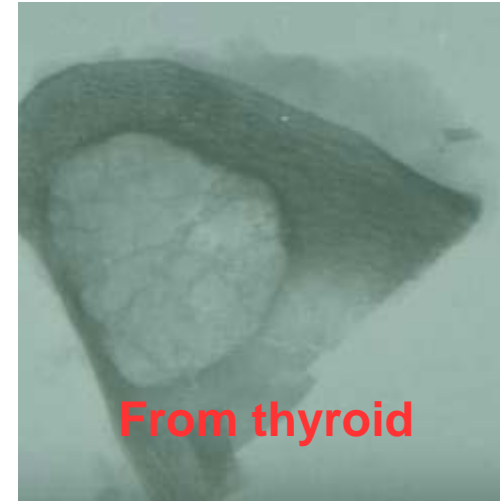
Ostéosarcoma



Chondrosarcoma

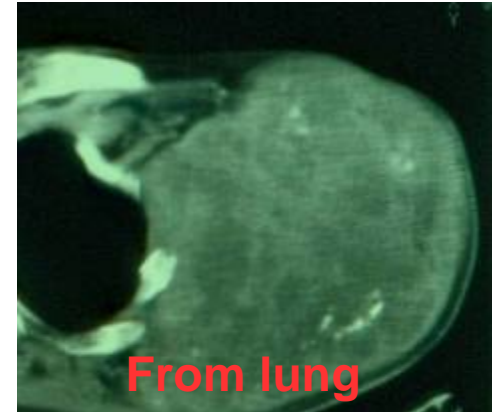
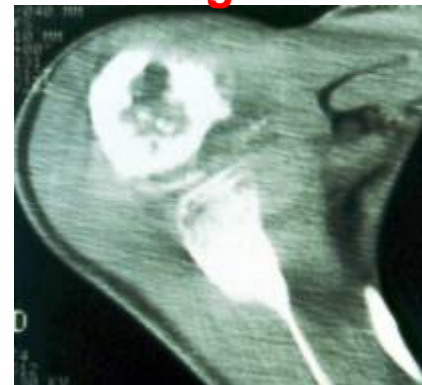
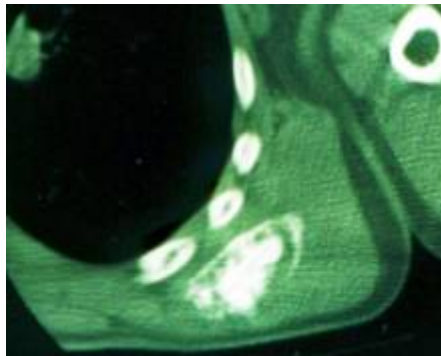


Ewing'S



From thyroid

Meta of scapula



From lung

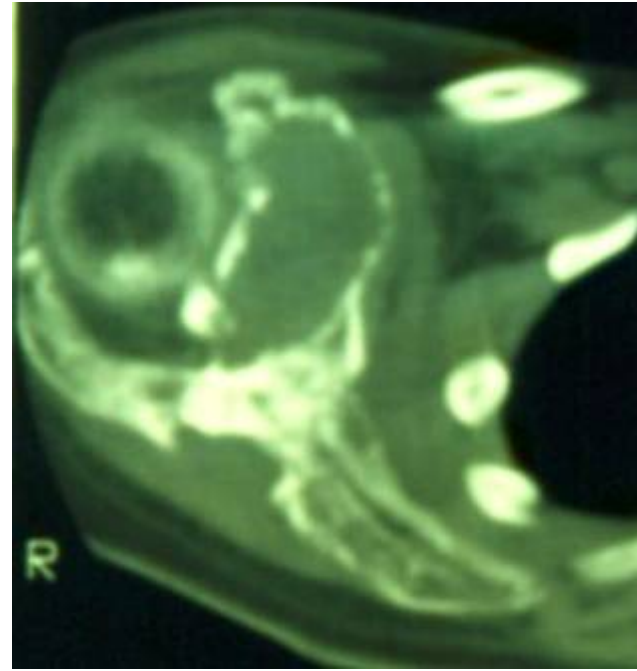
Results

In 10 of 11 patients with peri-scapular fibromatosis, the passive mobility of the scapulo thoracic space was severely impaired (less than 20°).

In non tumoral pathology of shoulder, the passive mobility of the shoulder is frequently impaired but the stiffness hangs only on scapulo humeral articulation, the passive mobility of the scapulo thoracic space is normal.

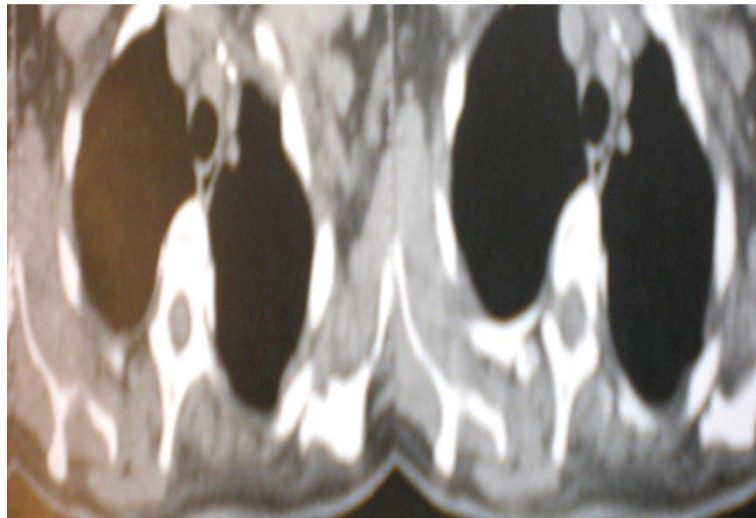
Results

- In metastases, sarcoma and other soft tissue tumour the passive mobility of the scapulo-humeral joint is usually preserved and the mobility of the scapulothoracic space **is always normal** even in very huge tumours



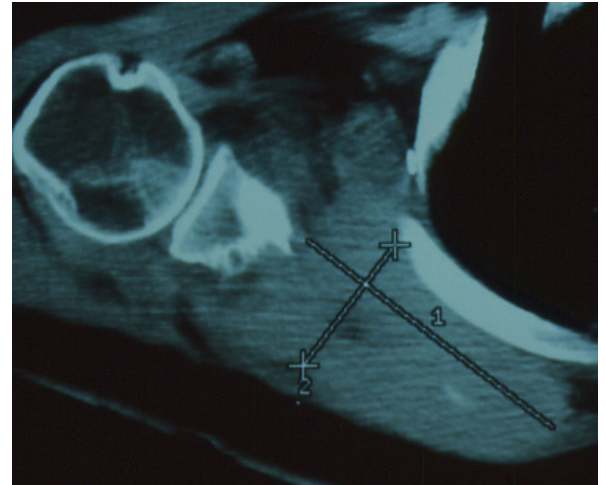
After treatment of fibromatosis

- 9/11 patients are in **complete remission** and the mobility of their scapulo thoracic space **is restored** .



Results of treatment

- 2 patients are **in stable disease** and
- one of these suffers of a **residual stiffness** of the scapulo-thoracic space due to radiotherapy.



Conclusion

The **frozen scapulo thoracic** is a specific symptom of peri scapulo thoracic fibromatosis.

The **restoration** of the mobility of the scapulo thoracic after cure of the desmoid tumour confirms its specific role and **represents a good marker** of the tumoral evolution.