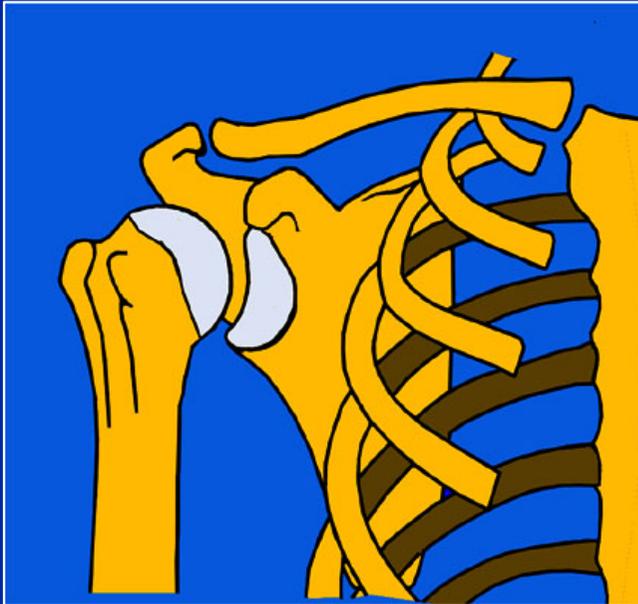


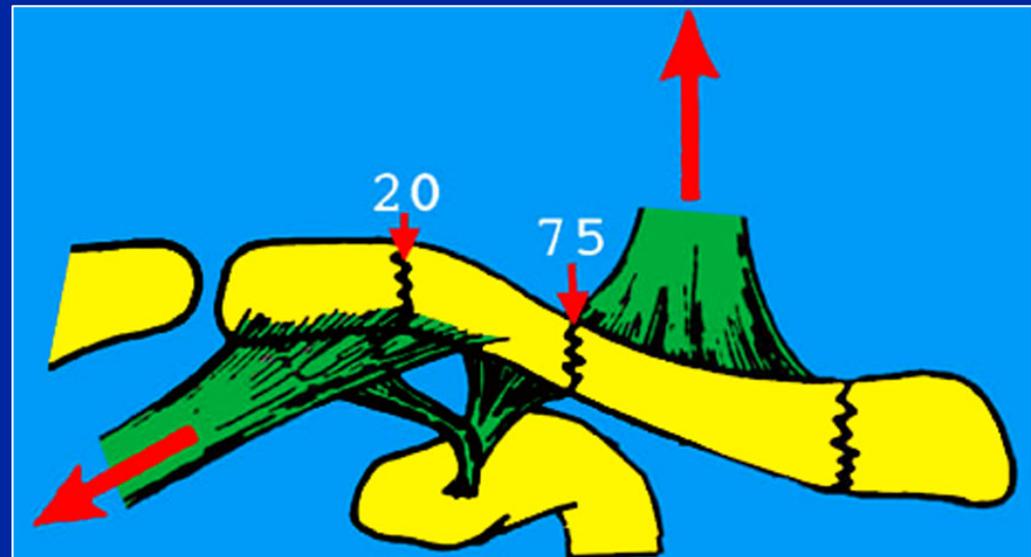
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Fratture della clavicola

Fratture della clavicola

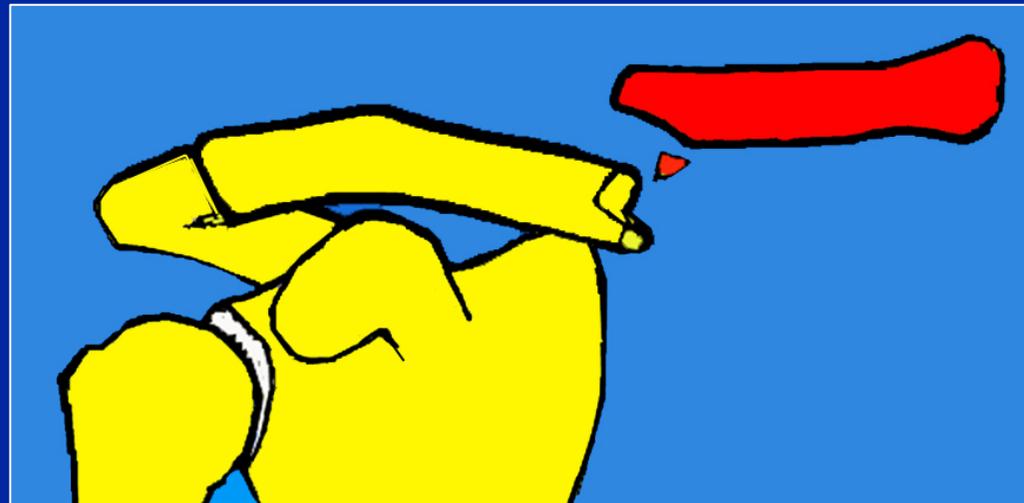


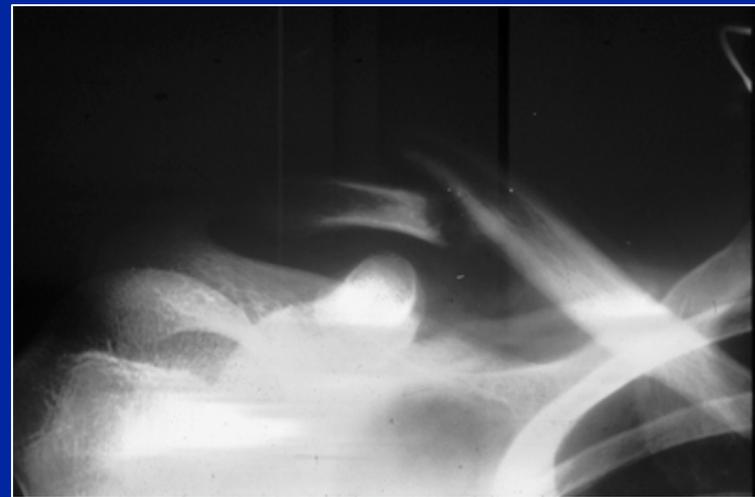
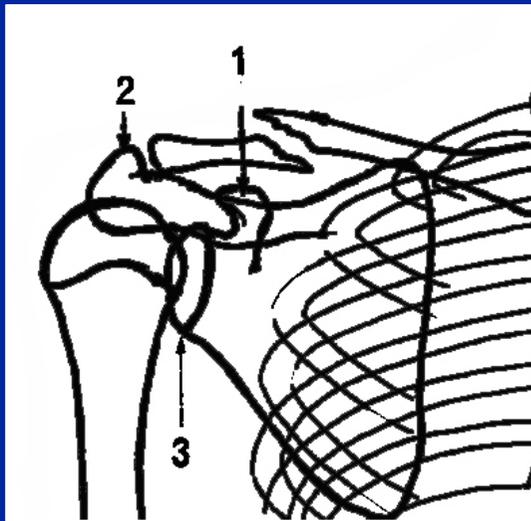
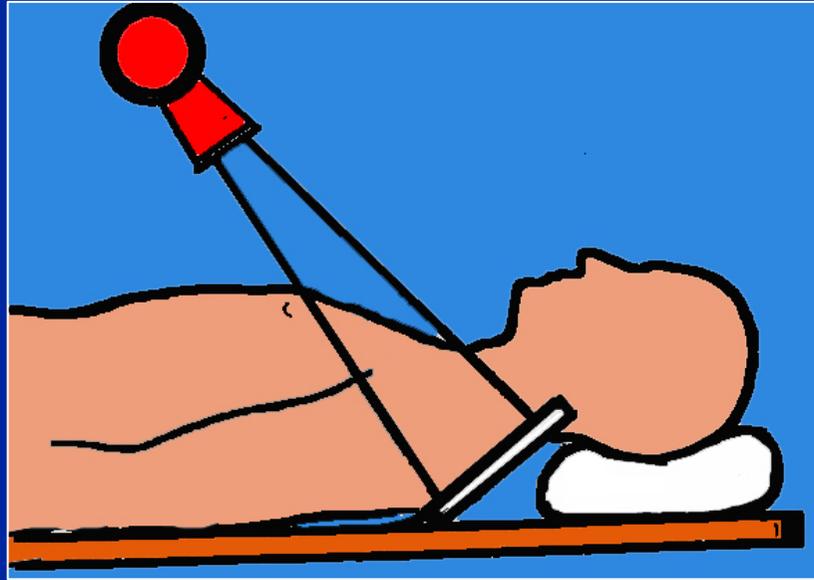
- Frequenza nei bambini (30% delle fratture)
- Caduta sulla mano ++
- Trauma diretto sulla spalla



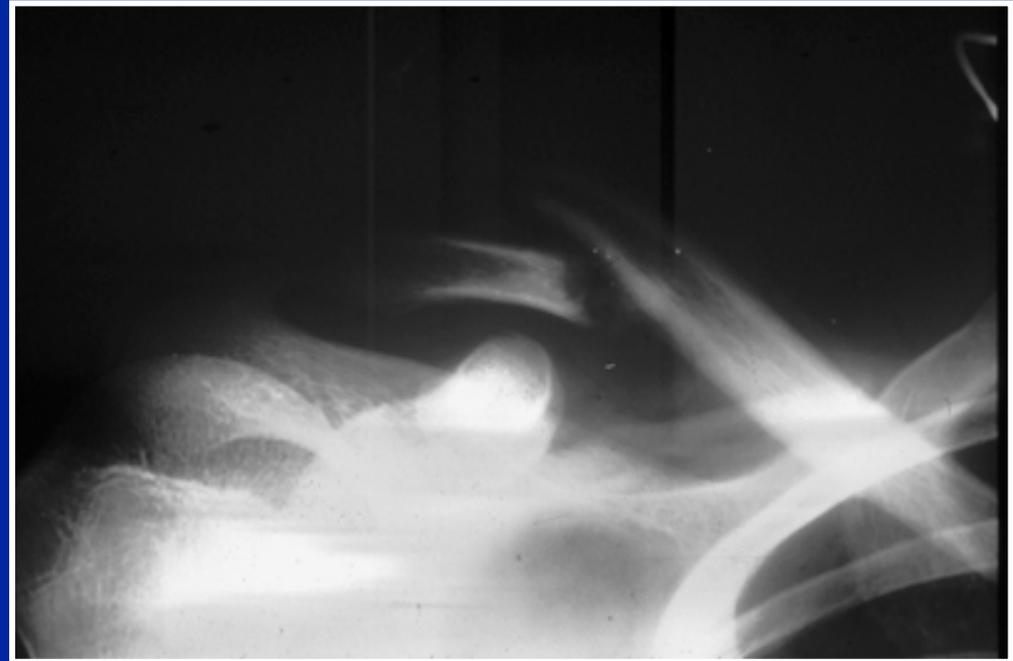
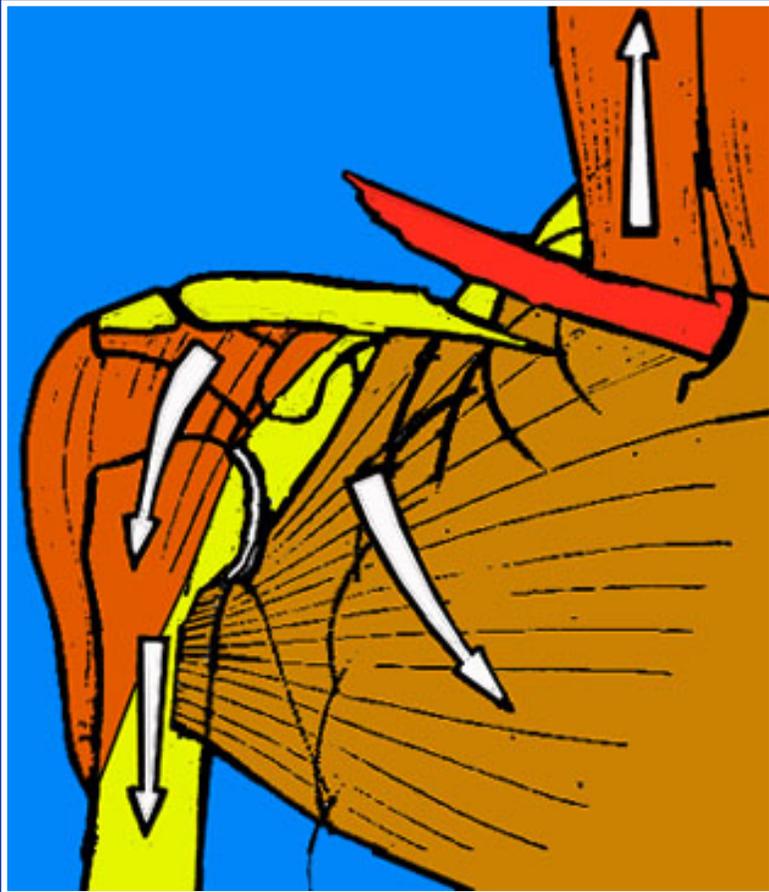
Palpazione

- Dolore
- Frammenti mobili

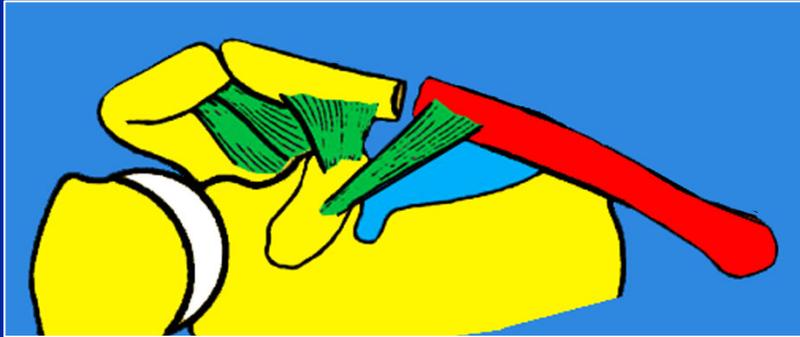




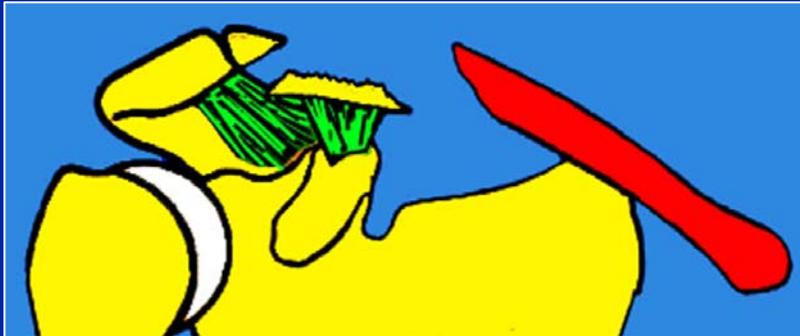
Deformità tipiche



- Frammento interno sollevato (SCM)
- La spalla cede (peso, az.pettorale)
- IL frammento distale bascula e si sovrappone
- Tipico dei traumatismi dell'arto sup.



Fratt. tra le inserzioni dei legamenti

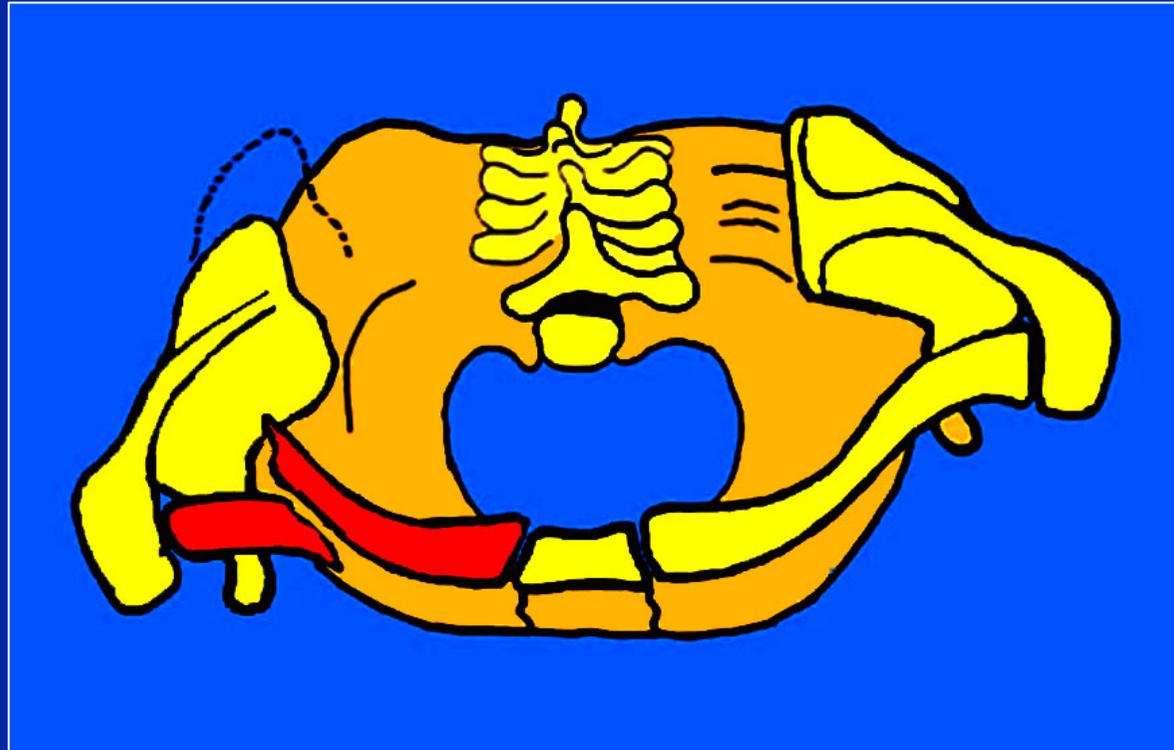


Fratt. all'interno dei legamenti



Un frammento conserva le sue connessioni con i legamenti

Complicazioni delle fratture della clavicola



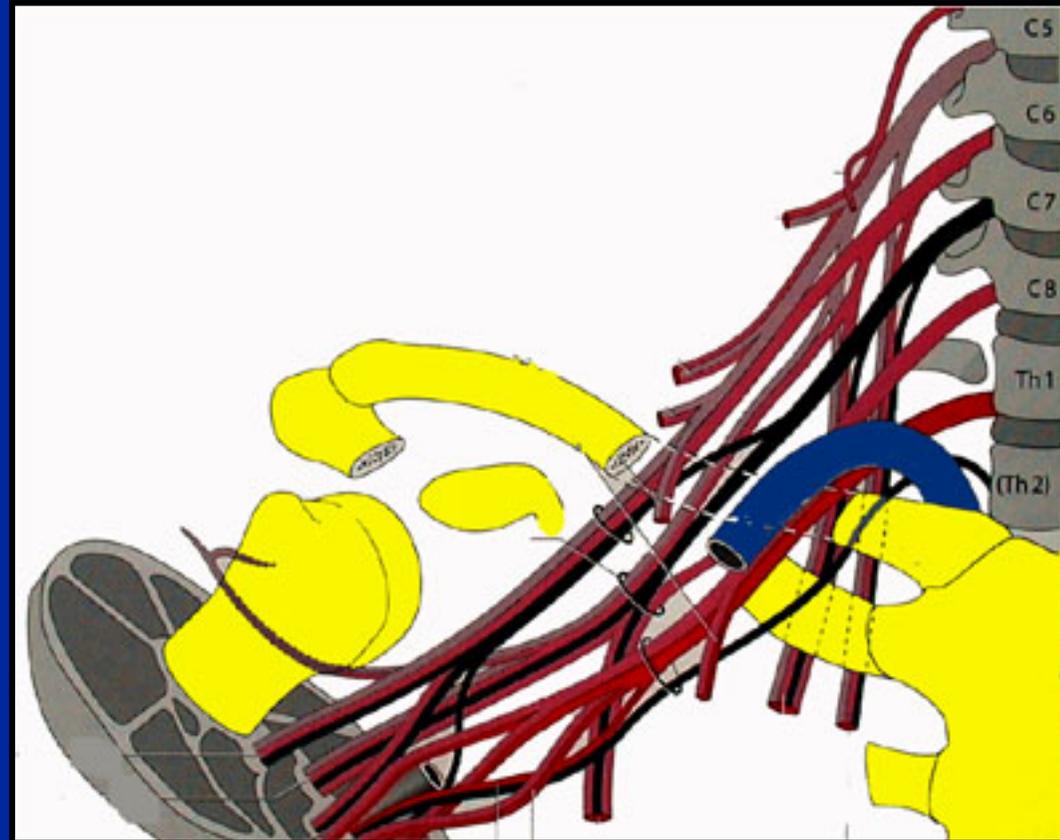
Rischio di lesioni vasculo-nervose

Rischio di apertura cutanea

fratture de l'esstremita proximale

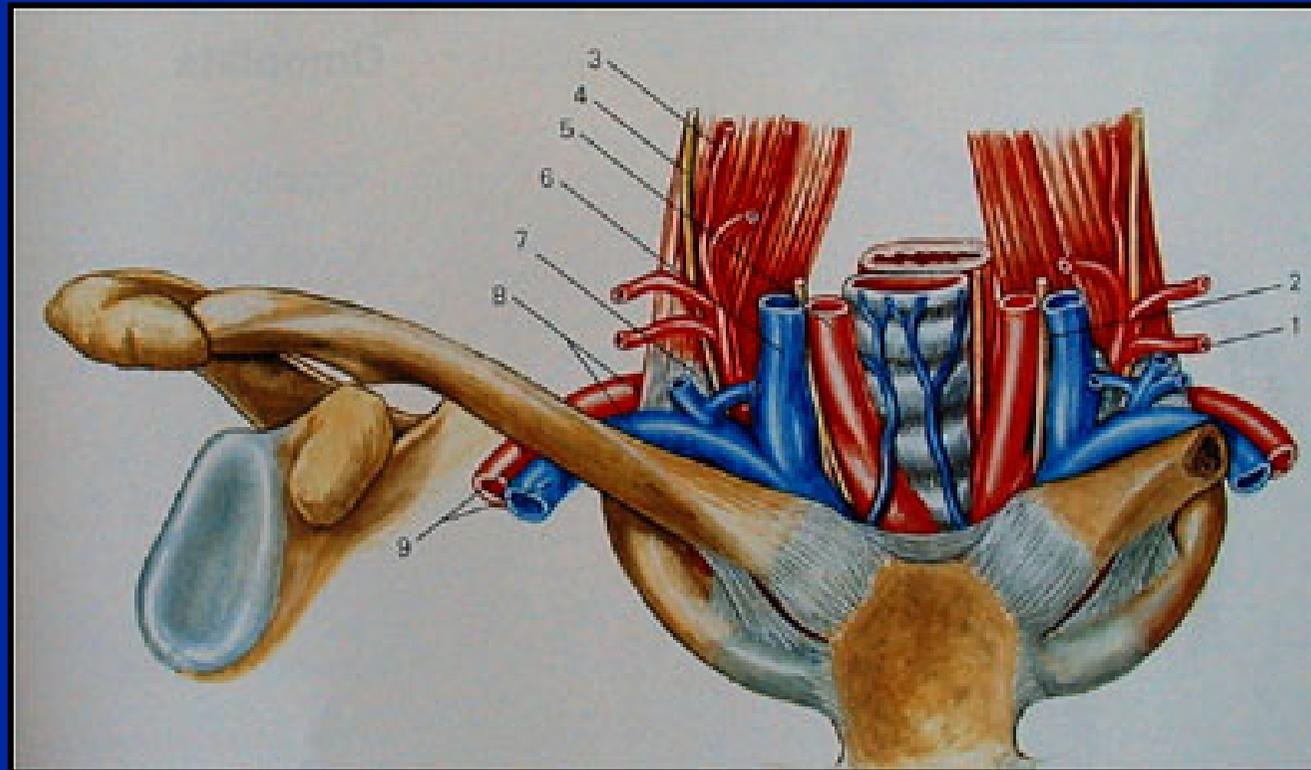


Complicazioni delle fratture della clavicola

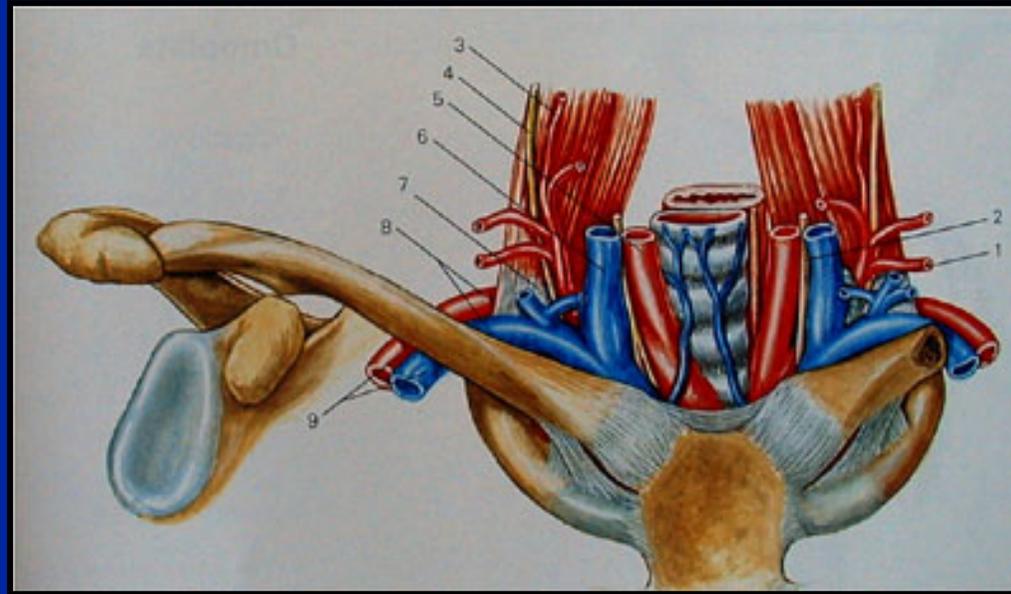


Rischio di lesioni vasculo-nervose

Complicazioni delle fratture della clavicola



Rischi di lesioni vasculo-nervose



Rischi di lesioni vasculo-nervose



Trattamento ortopedico

Fratture composte

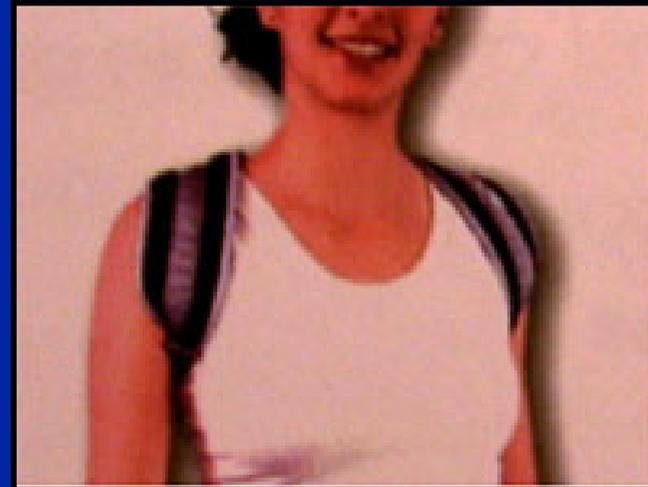
- **Semplice reggi braccio**
- **Bambini : reggi braccio**
- **Consolidazione da 3 a 5 settimane**

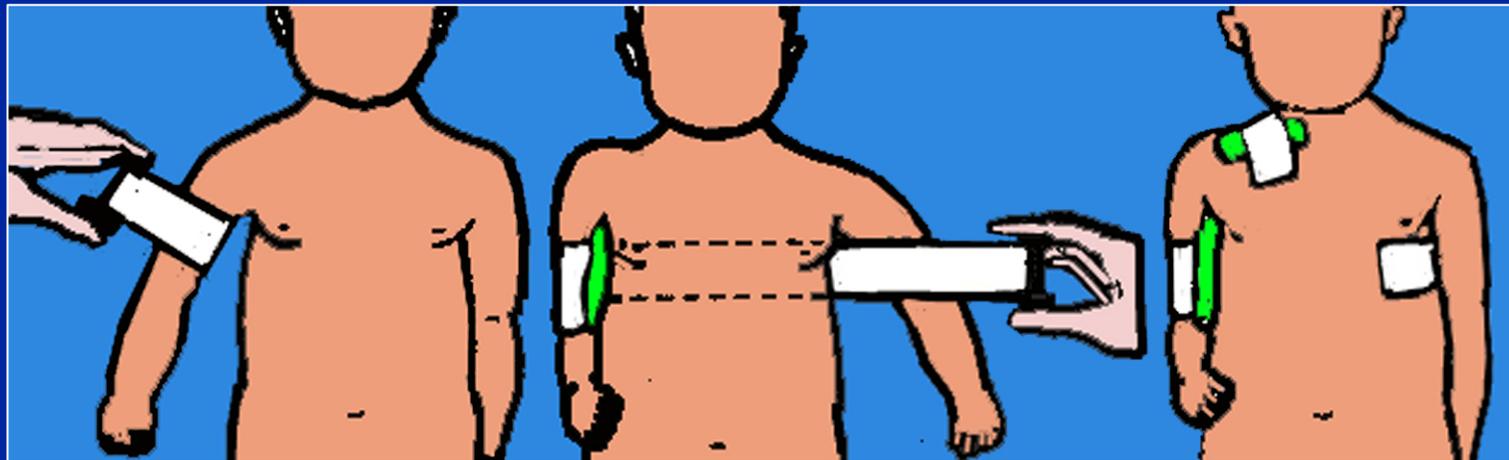


Trattamento ortopedico

Fratture scomposte

- **Bendaggio a 8 regolabile**
- **Consolidazione da 3 a 5 settimane**
- **Frequente callo vizioso**



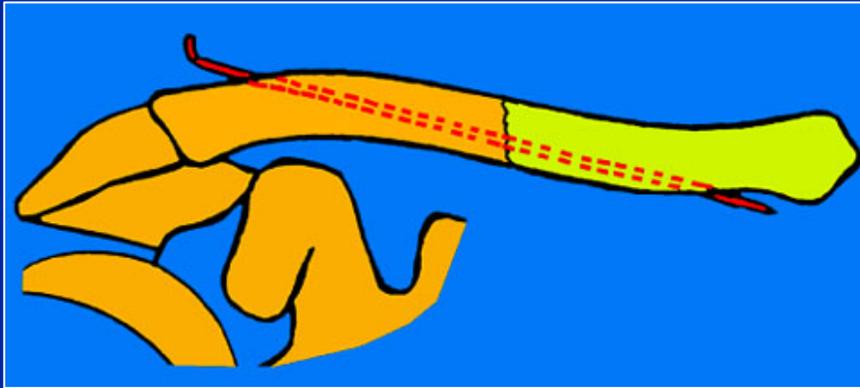


Trattamento ortopedico

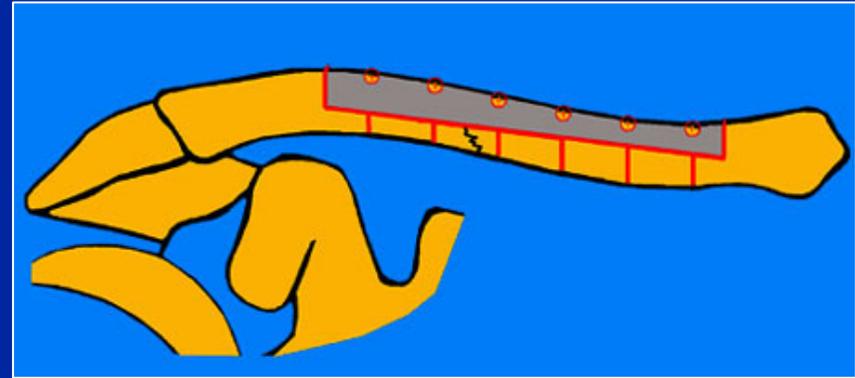
- **Frequente callo vizioso**
- **Difetto spesso estetico più che funzionale**
- **Pseudoartrosi rare (trattamento chirurgico)**



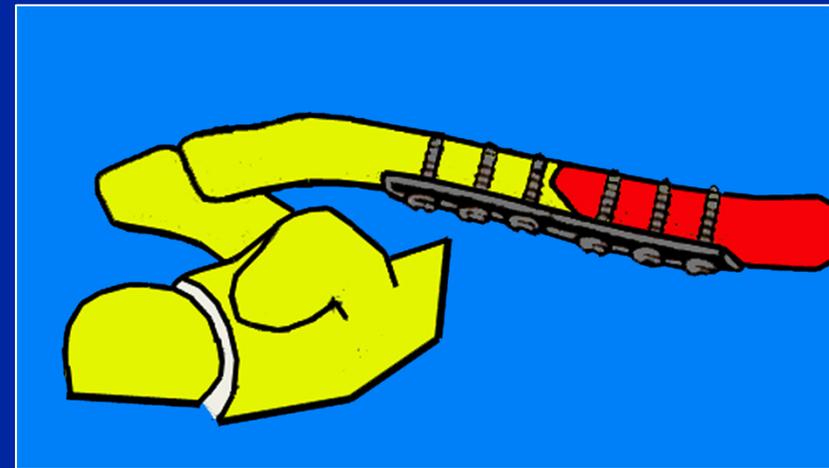
Trattamento chirurgico



Filo

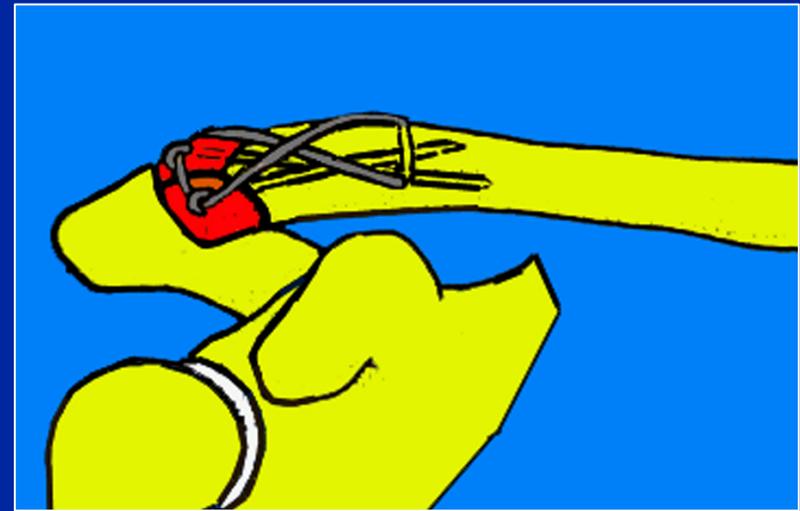
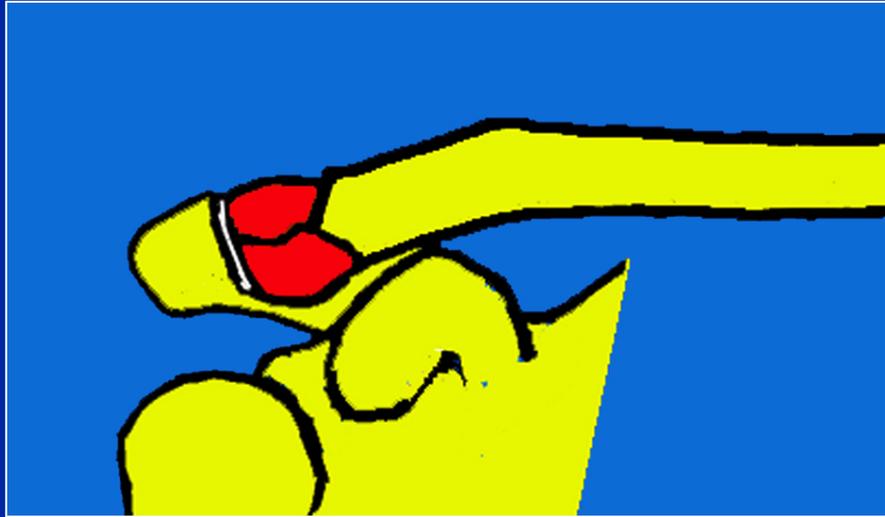


Placca superiore



Placca inferiore

Trattamento chirurgico

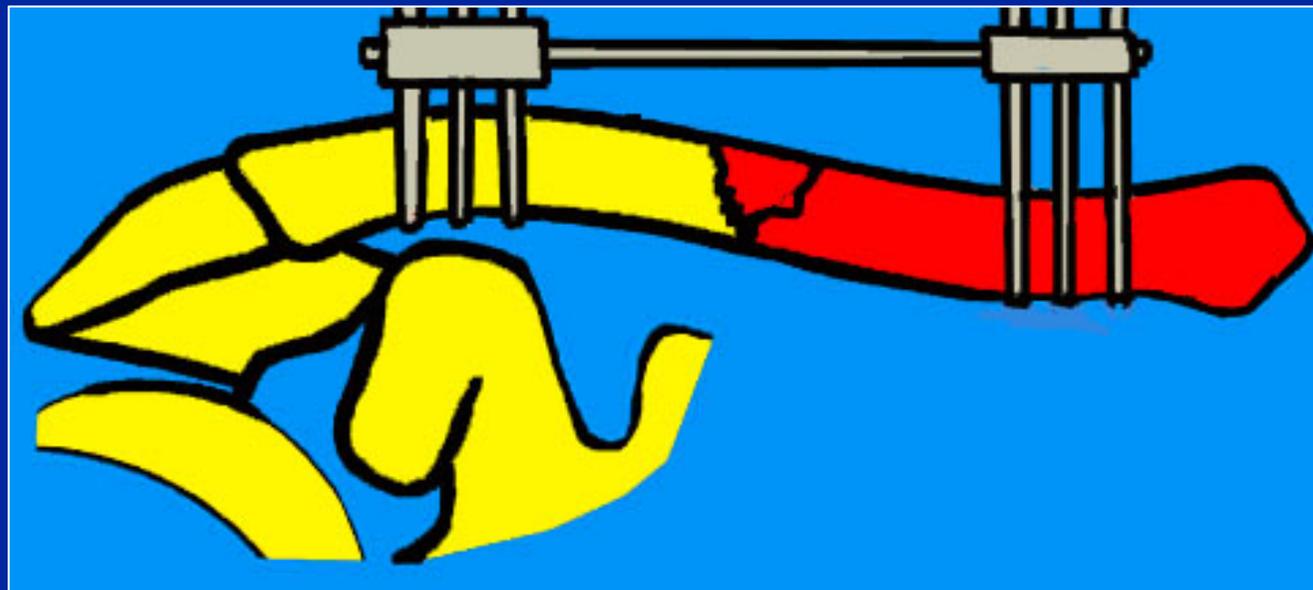


Fratture distali : hauban

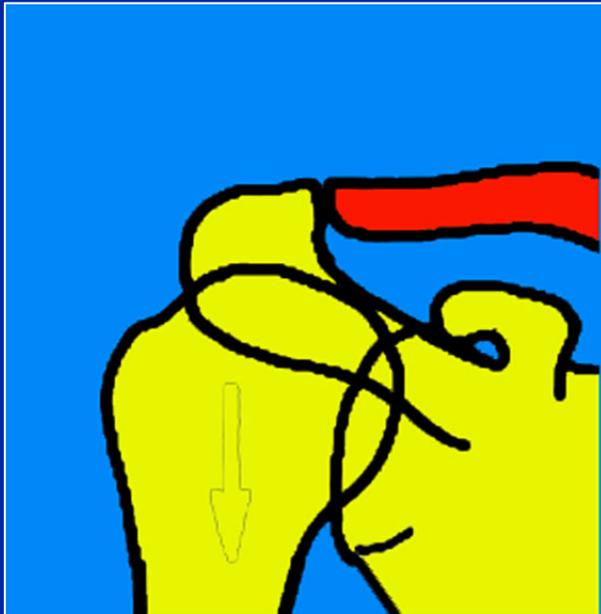
Trattamento chirurgico

Fratture esposte

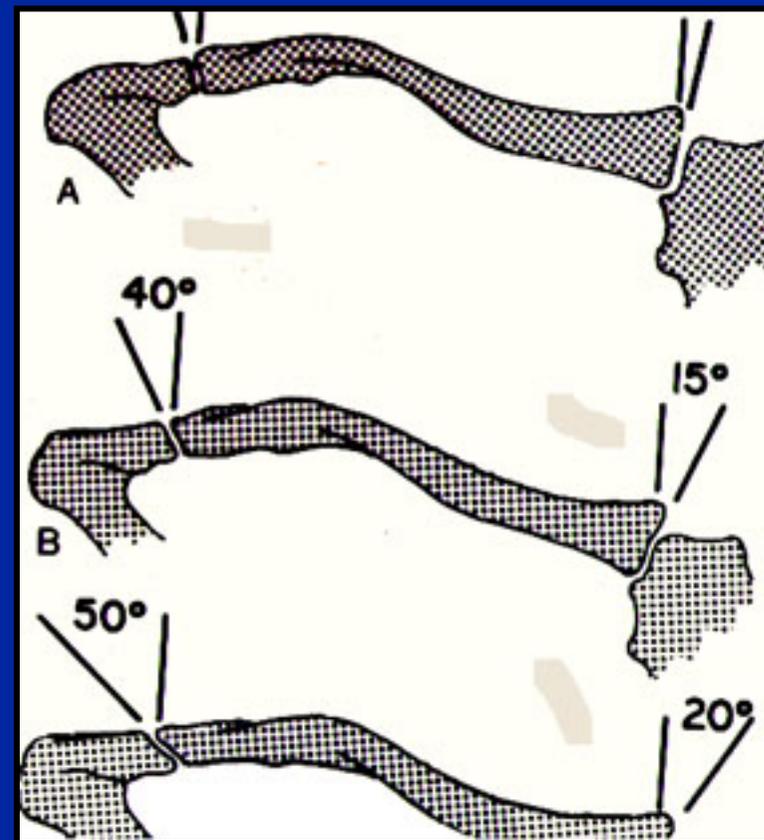
Trattamento possibile con un mini fissatore esterno



Lussazione Acromio-clavicolare



Cenni anatomici sull'articolazione acromion-clavicolare



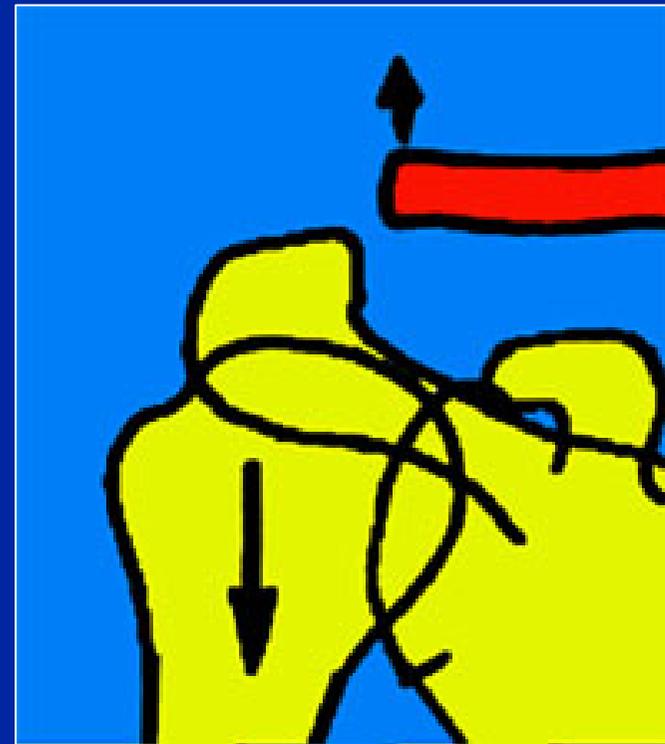
Capsule e legamenti acromion-clavicolari

Conoide e Trapezoide

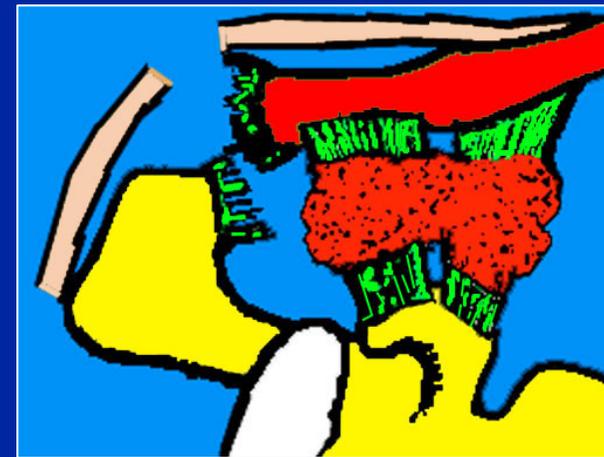
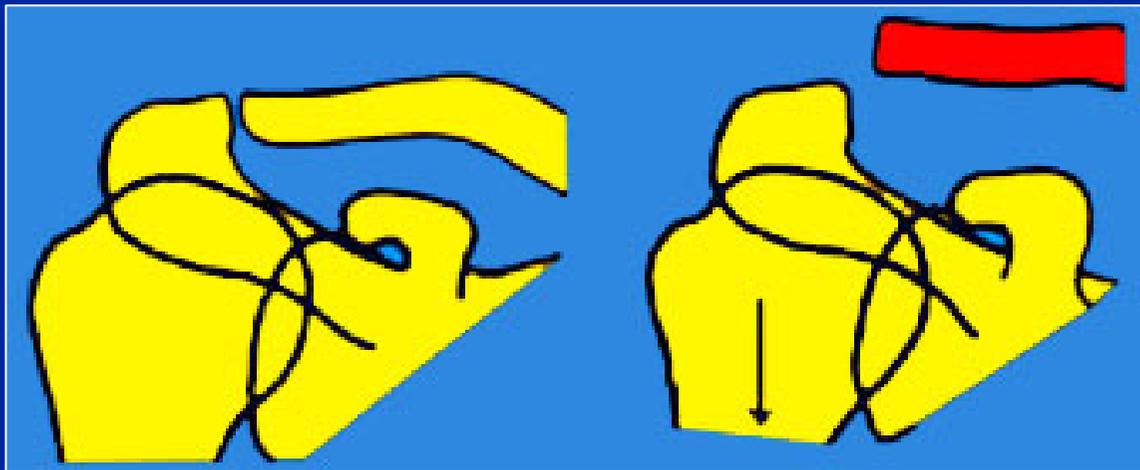
Lussazione Acromion-Clavicolare

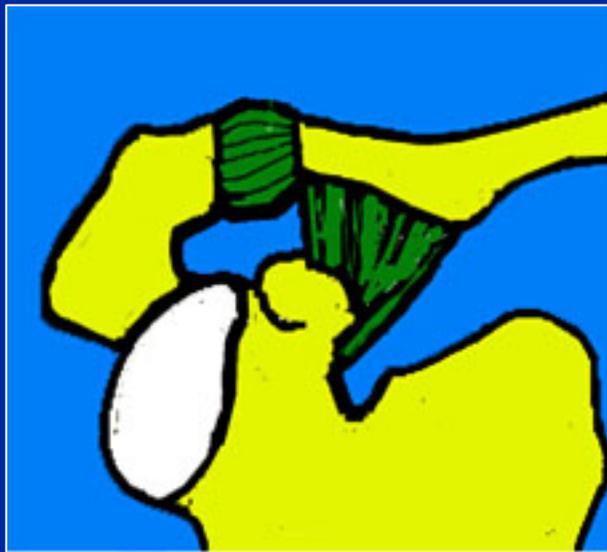
Meccanismo

- Trauma diretto sulla spalla
 - Caduta sul moncone della spalla
- Sport ++



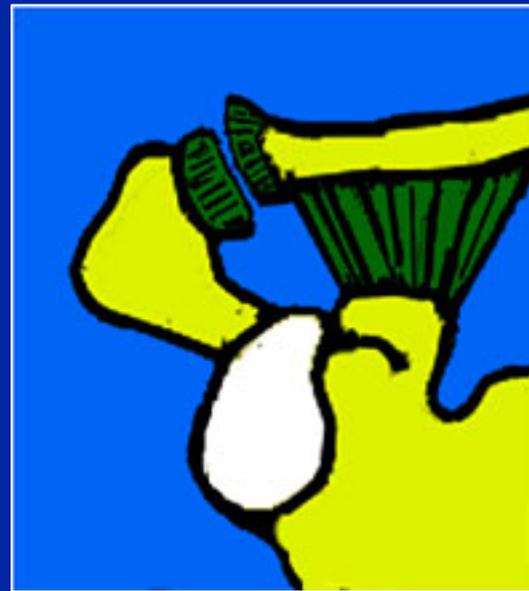
Lussazione Acromion-Clavicolare





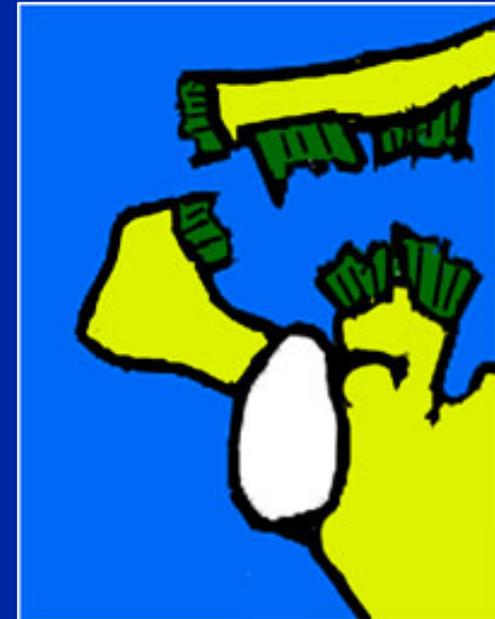
Stadio 1

Distorsione semplice



Stadio 2

**Rottura dei legamenti
Acromion-clavicolari**



Stadio 3

+ Conoide e trapez.

Stadio 4 (per qualcuno): rottura della fascia deltoide-trapezio

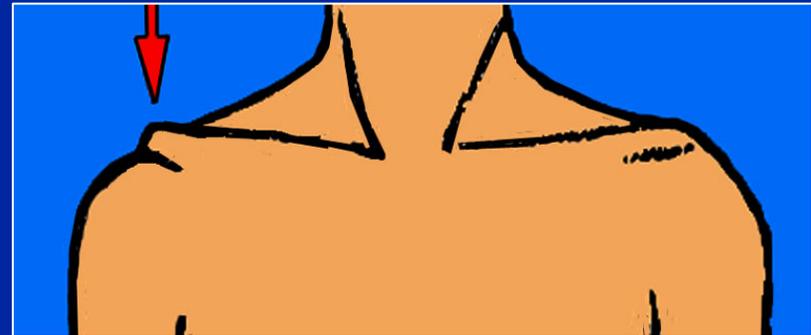
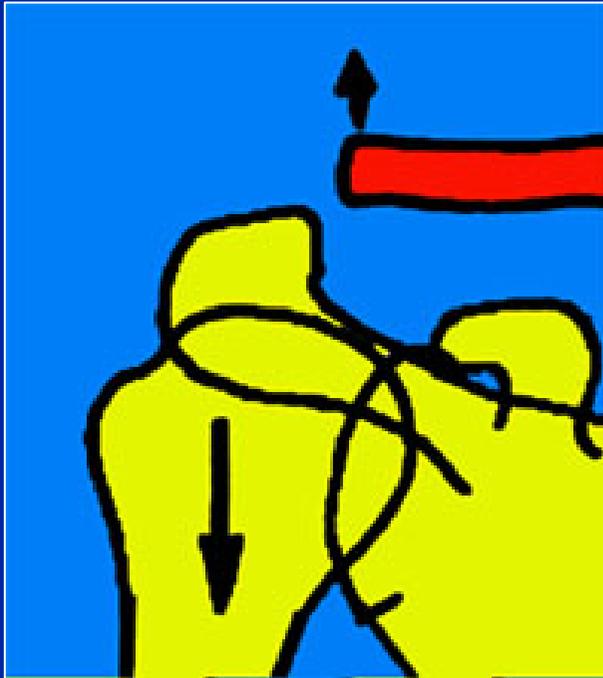


In quali casi si osserva il segno del tasto di piano, significato ?

In quali casi si osserva il segno del tasto di piano? significato?

- **In caso di lussazione acromion-clavicolare**
- **C'è un rilievo netto della clavicola che determina un sollevamento della pelle**
- **La pressione con un dito permette di abbassare la clavicola e di ridurre la lussazione**
- **Dal momento che si rilascia la deformità si ripresenta**

Segni clinici

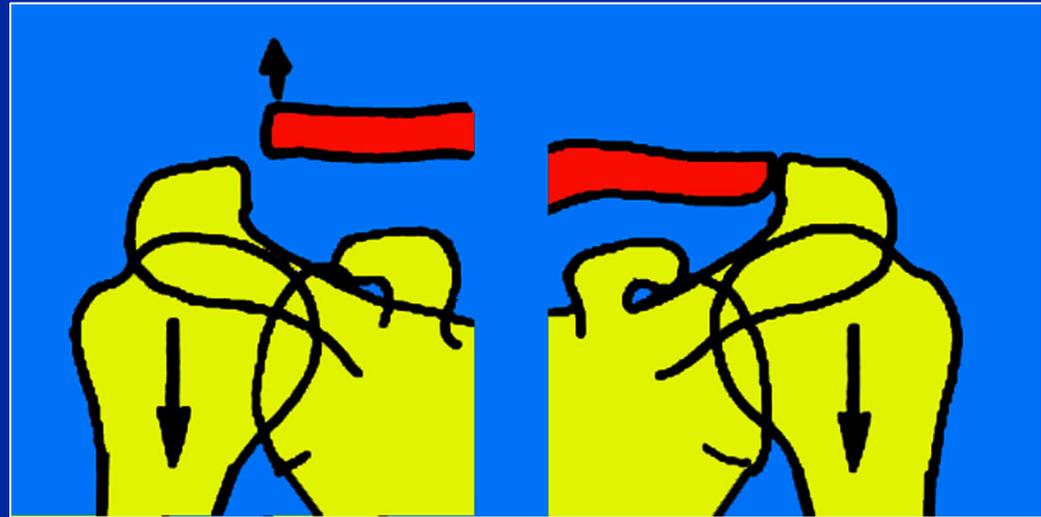
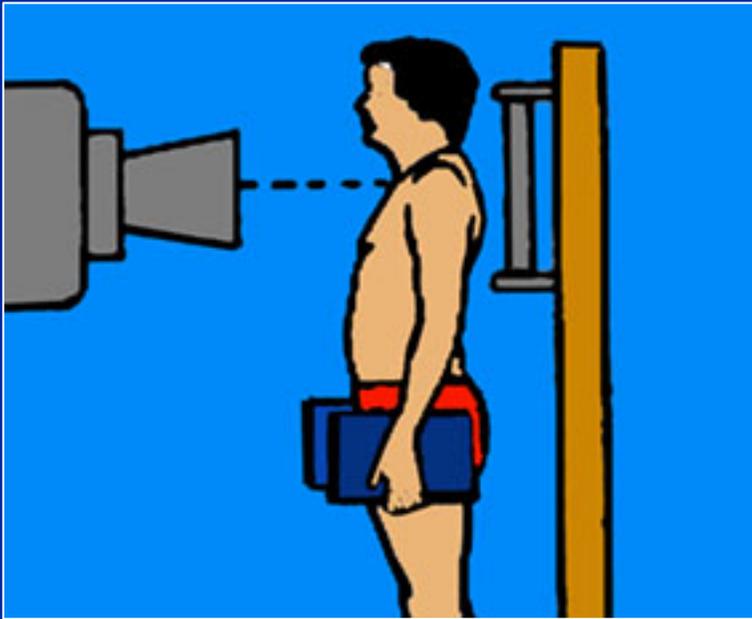


Rilievo della clavicola

Dolore localizzato

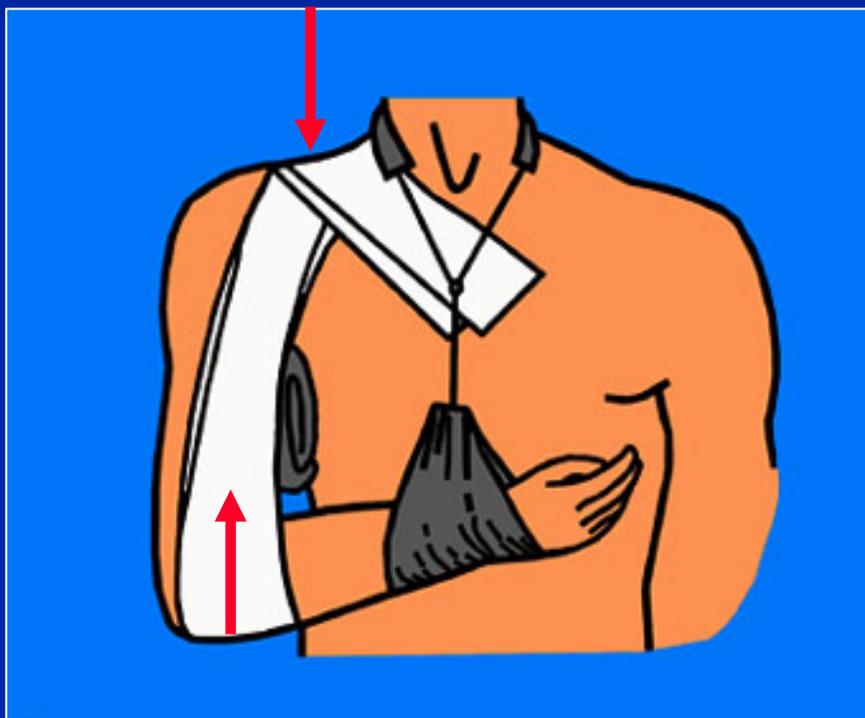
Segno del tasto di piano

Radiologia

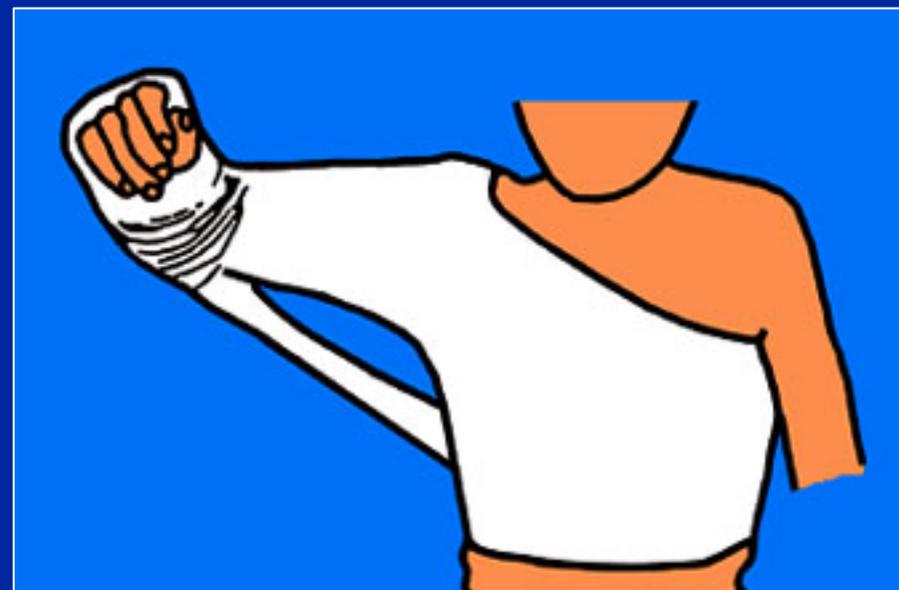


Rx grafie comparative frontale con un peso nelle mani, per abbassare le spalle

Trattamento ortopedico



Bendaggio che mantiene sollevato il braccio e abbassa la clavicola



Gesso toraco-brachiale in abduzione

6 settimane

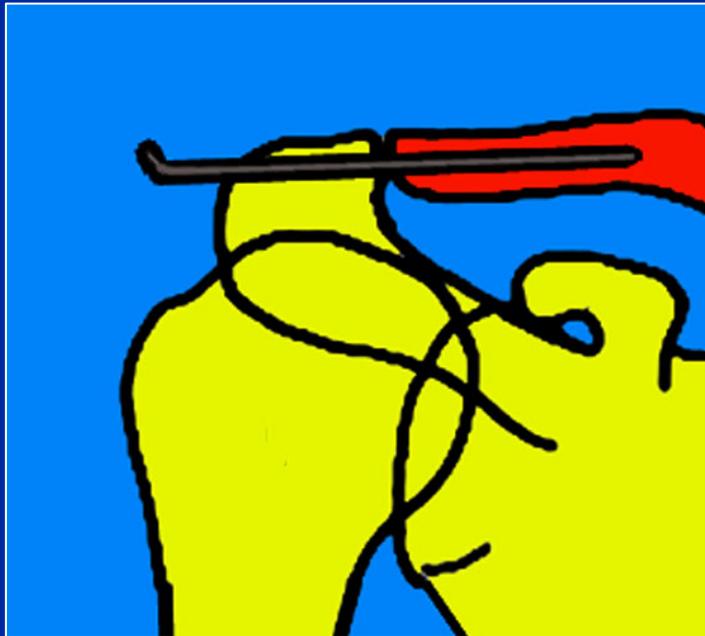
Trattamento ortopedico



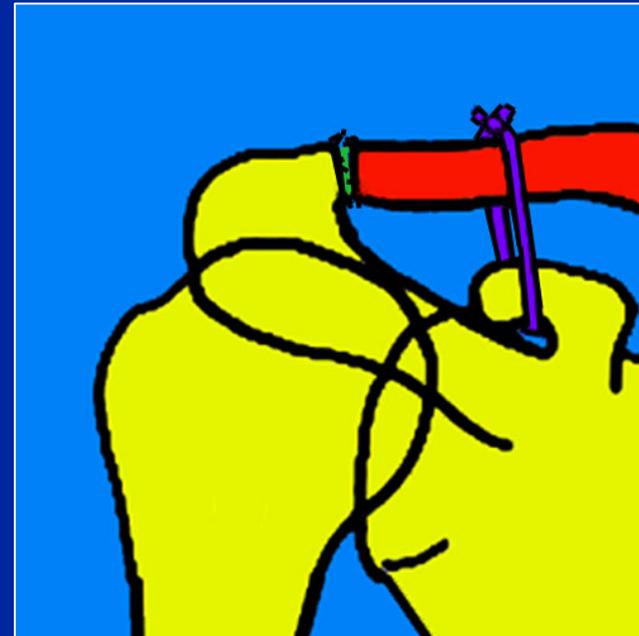
Abduzione + antepulsione + Rotazione neutra

Trattamento chirurgico

Mantenere in posizione la clavicola per la cicatrizzazione dei legamenti

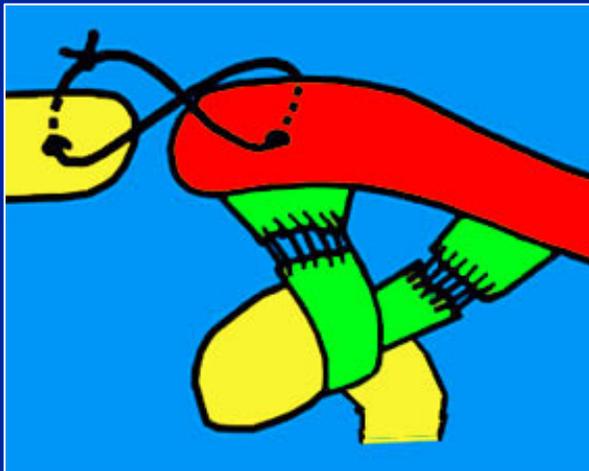
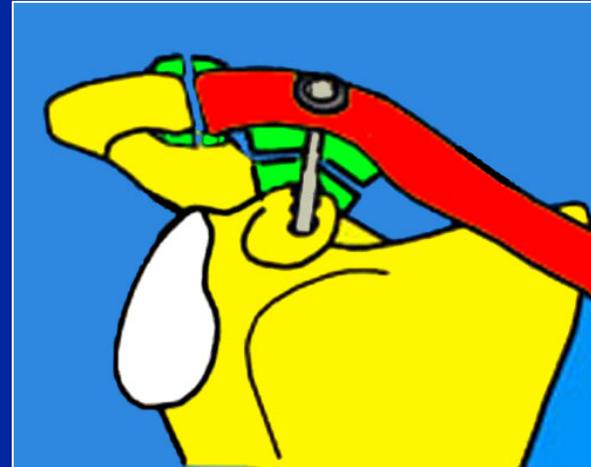
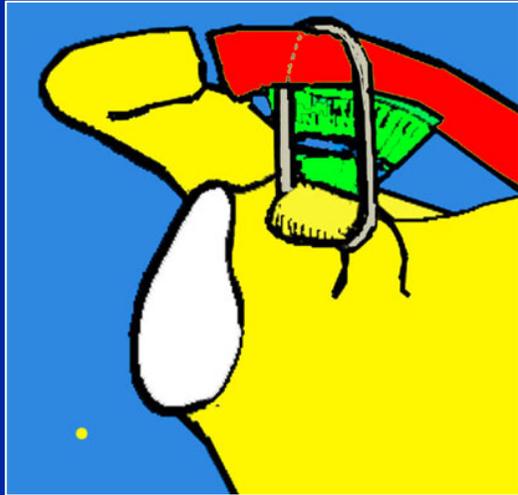


Filo Acromion-clavicolare
provvisorio



Stabilizzazione con filo

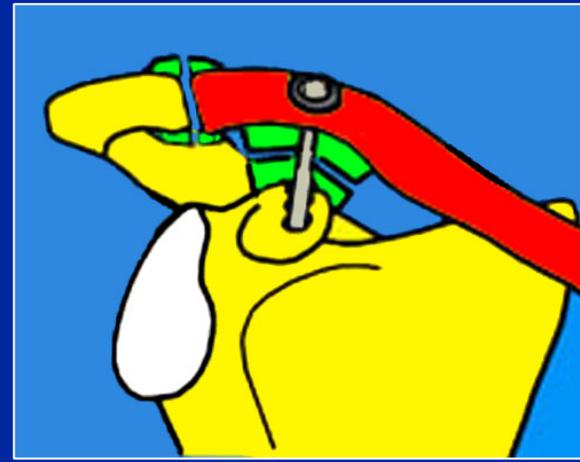
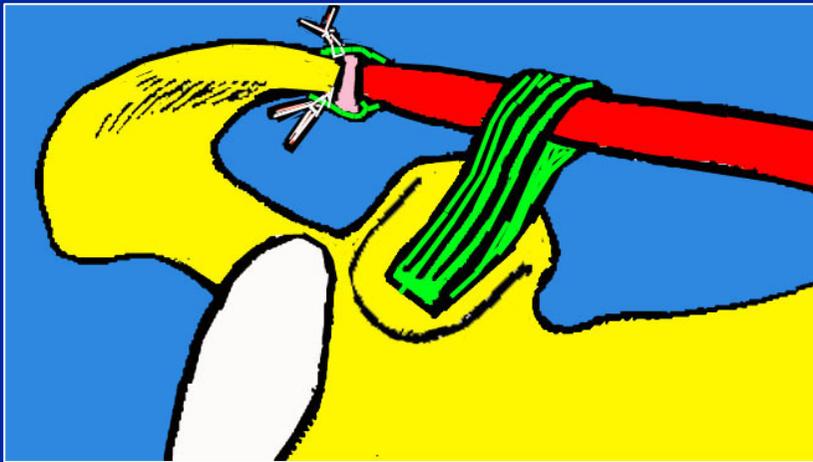
Stabilizzazione provvisoria



Lussazione cronica

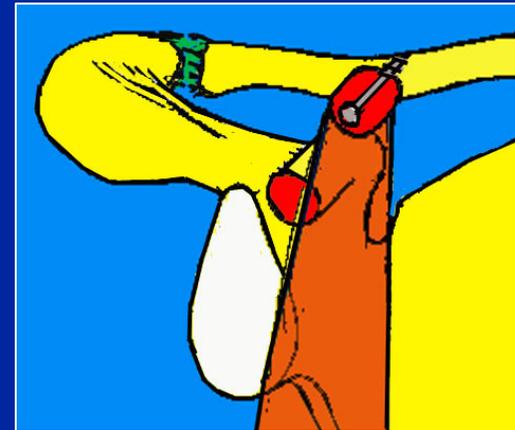
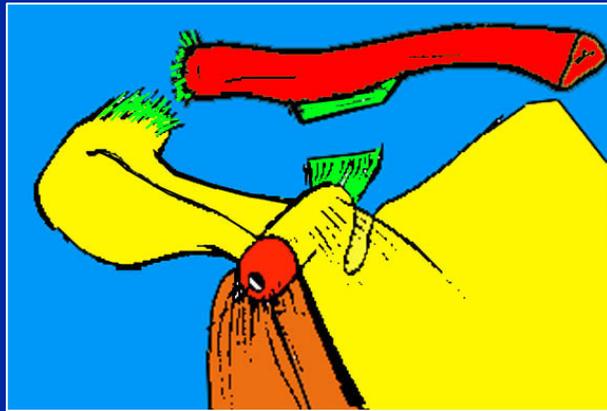
Legamento-plastica

(legamento coraco-clavicolare, aponeurosi etc.)
+ stabilizzazione



Lussazione cronica

Trattamenti palliativi: trasferimento del processo coracoideo ± resezione distale



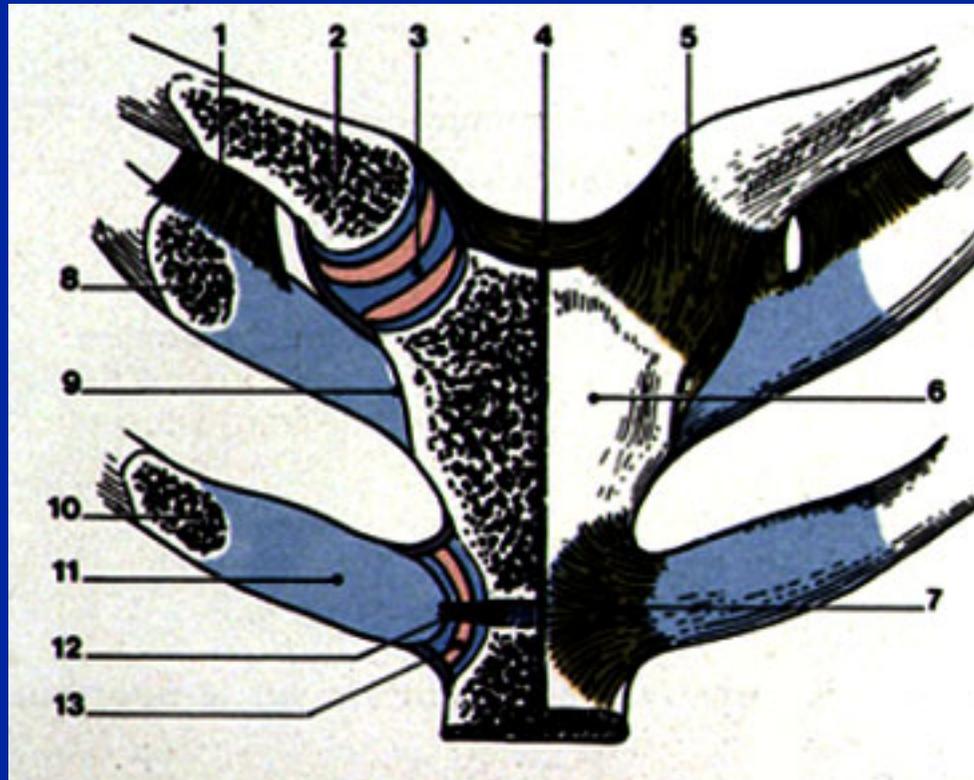
Tecnica di Dewar et Barrington

o di Glorion

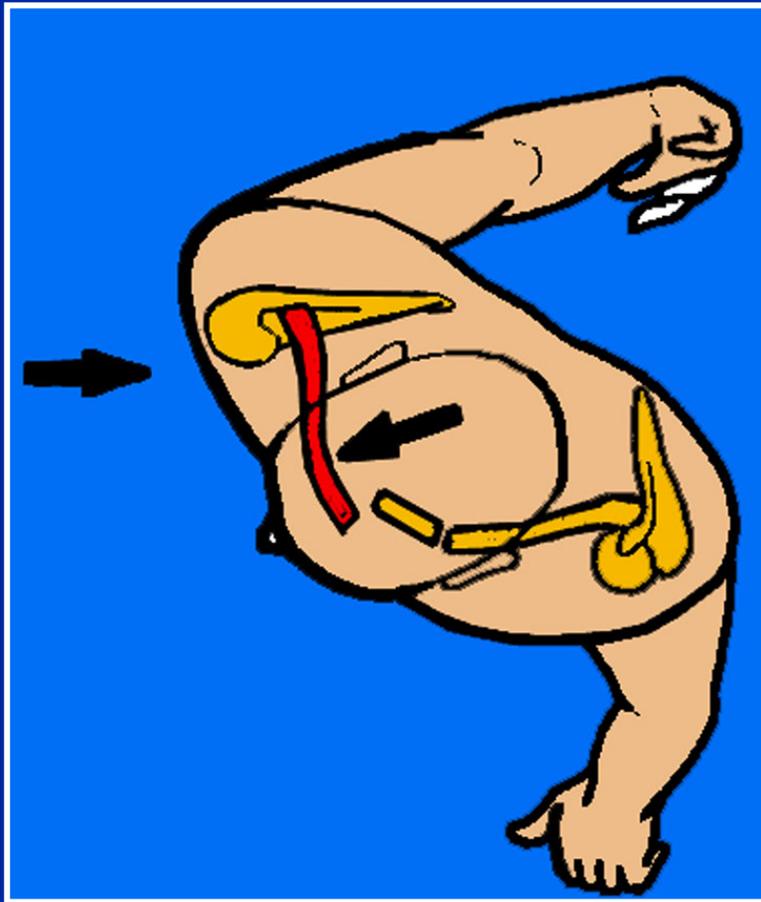


Lussazioni sterno-clavicolarari

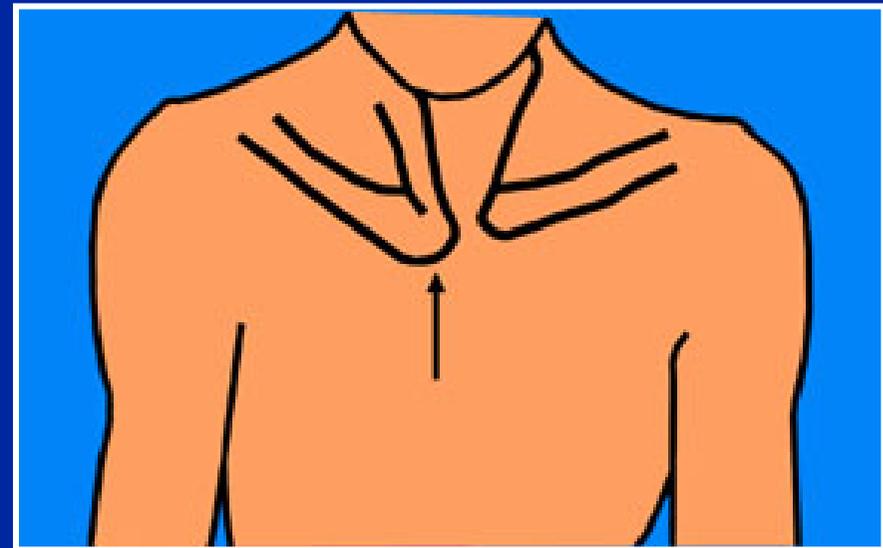
Lussazioni sterno-claviccolari



Lussazione sterno-clavicolare anteriore

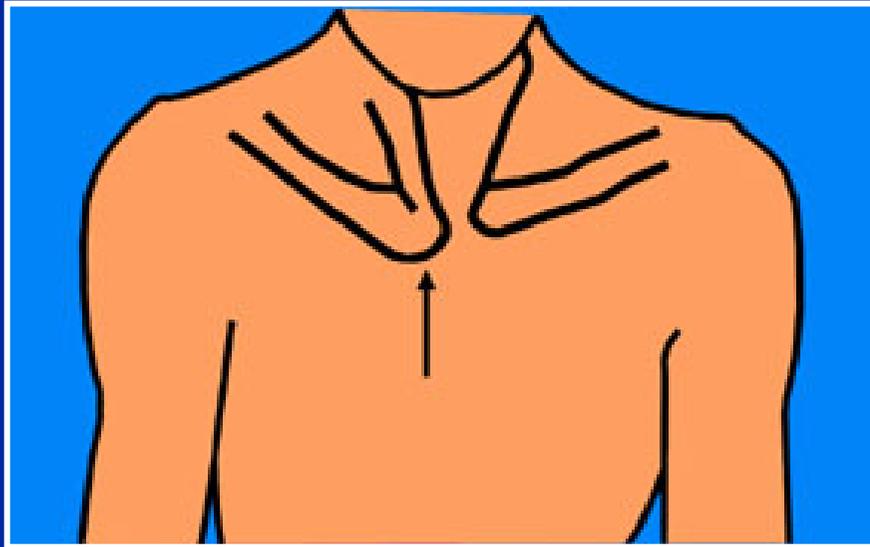


Trauma diretto anteriore

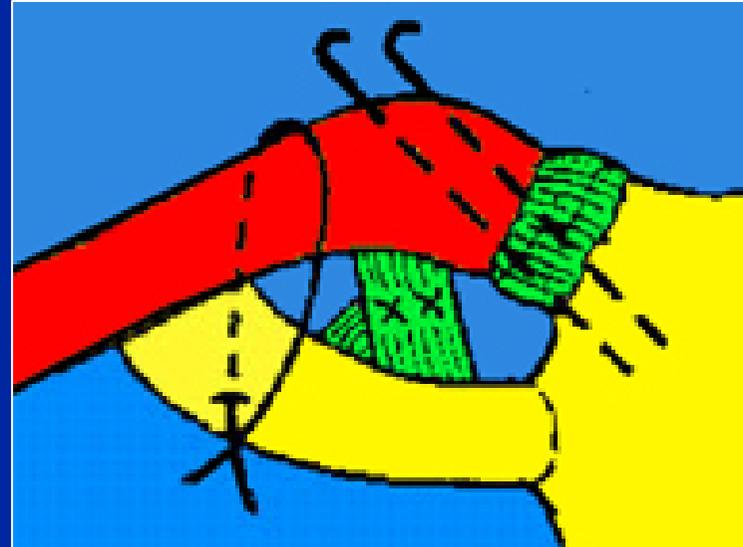


Rilievo della clavicola in avanti

Riduzione di una lussazione sterno-clavicolare anteriore

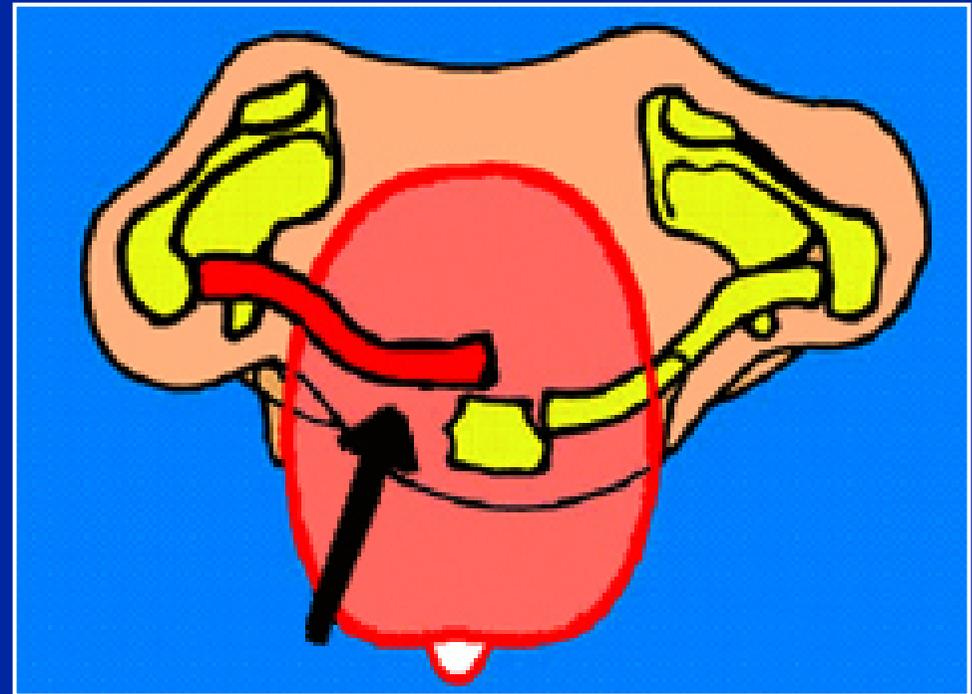
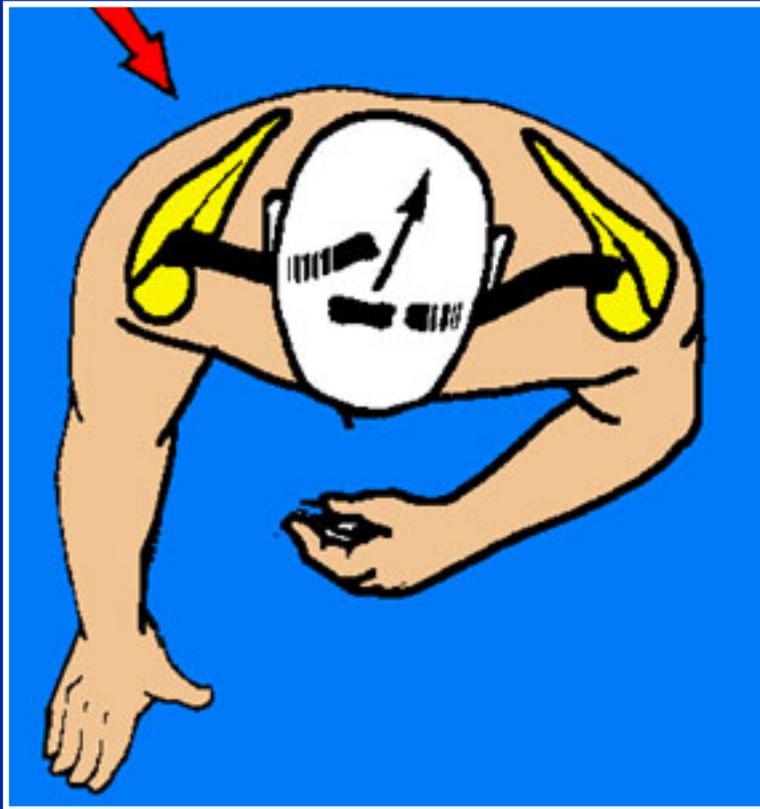


Pressione anteriore

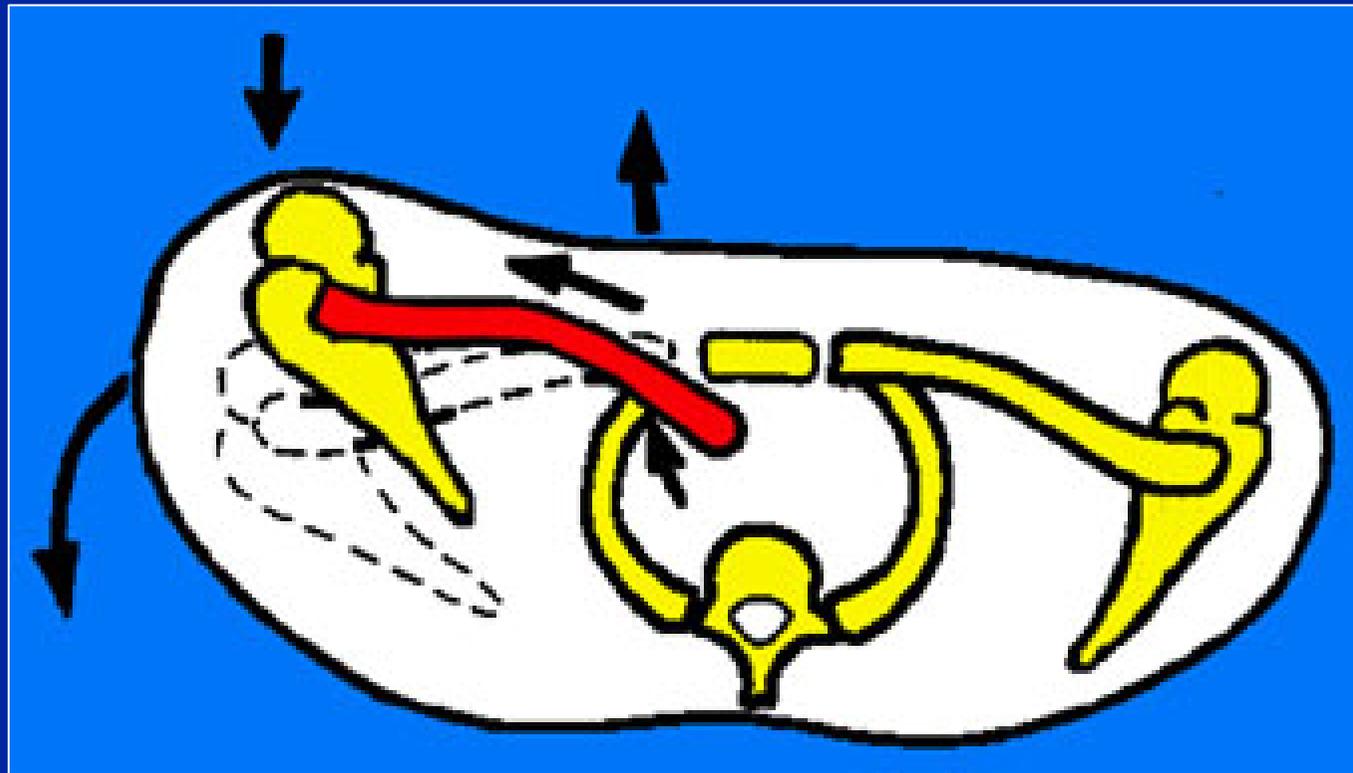


e fissazione con fili

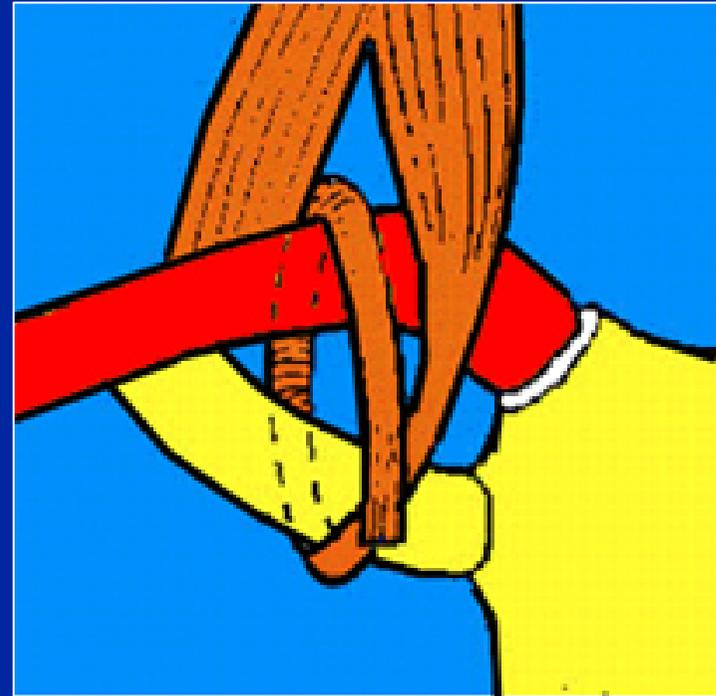
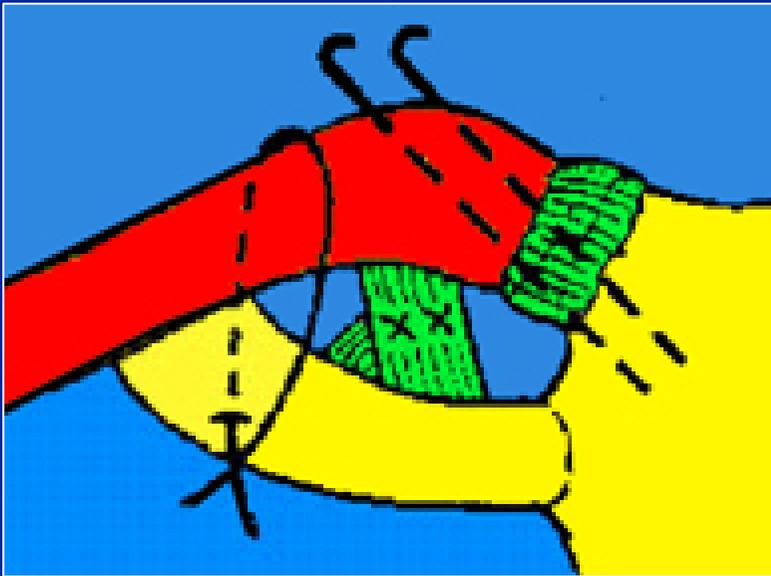
Lussazione sterno-clavicolare posteriore



Riduzione di una lussazione posteriore



Casi inveterati o instabili



Riduzione aperta e fissazione \pm legamentoplastica