

INSTABILITEIT VAN DE SCHOUDER



Instabiliteit

RECIDIVERENDE INSTABILITEIT

Orthopedische mogelijkheden

- *Algemeen*
- *Scopische labrumfixatie*
- *Is dat afdoende?*
- *Andere technieken*
- *Leidraad voor keuze type operatie*

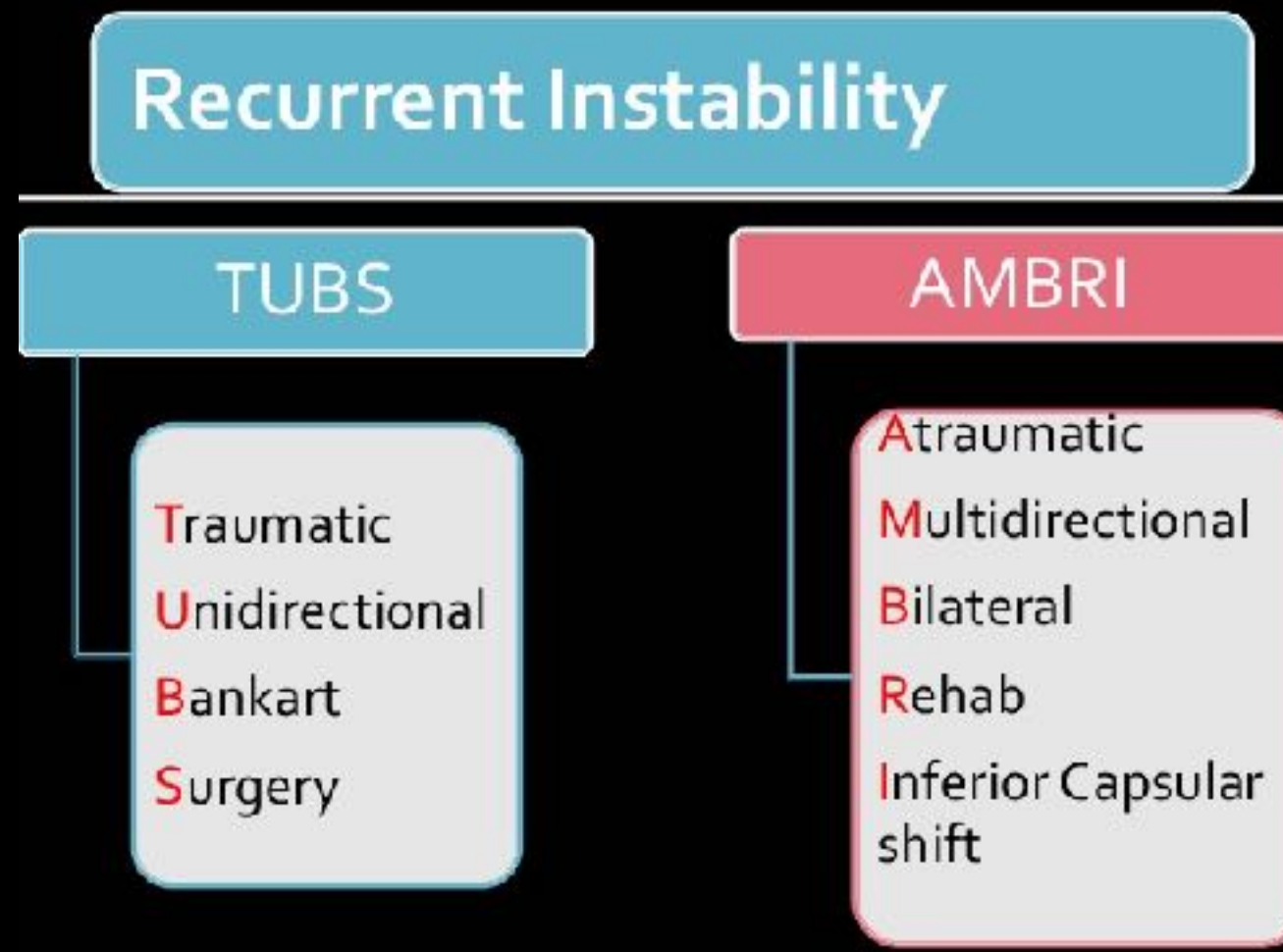
Instabiliteit

ANATOMIE EN STABILITEIT



Instabiliteit

LAXITEIT VS INSTABILITEIT



Instabiliteit

LAXITEIT

Cave:

- Hyperlaxen
- Bindweefselziekten (Ehlers Danlos)
- Vrijwillige luxaties (Party dislocators)



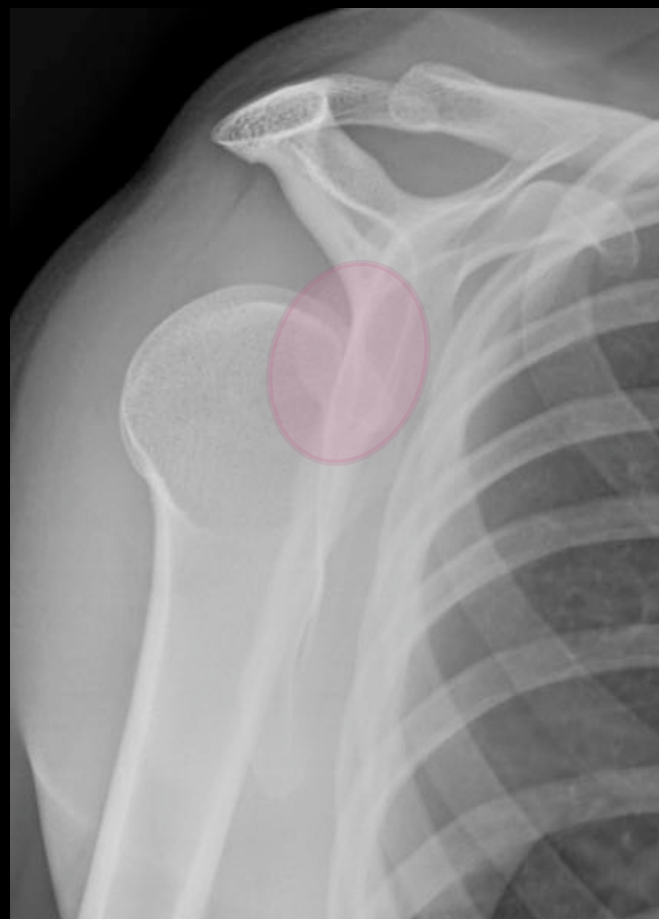
Instabiliteit

SULCUS SIGN



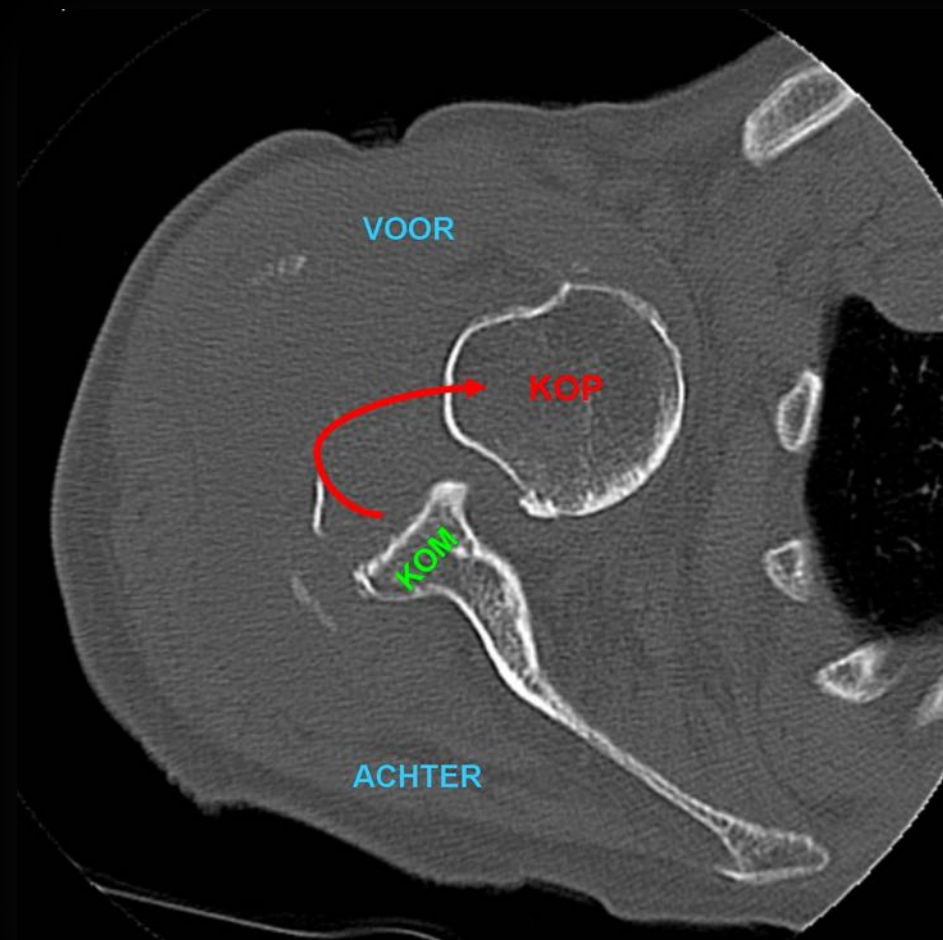
Instabiliteit

ANTERIOR, POSTERIOR, ERECTA

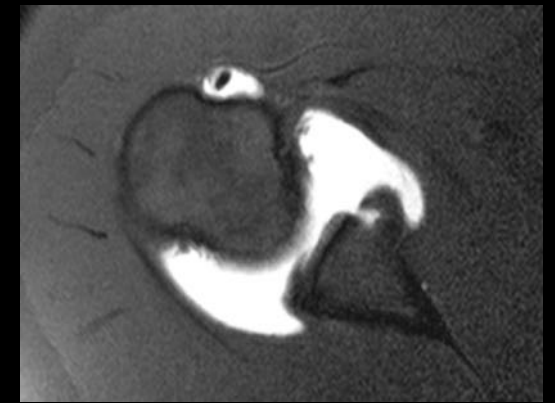


Instabiliteit

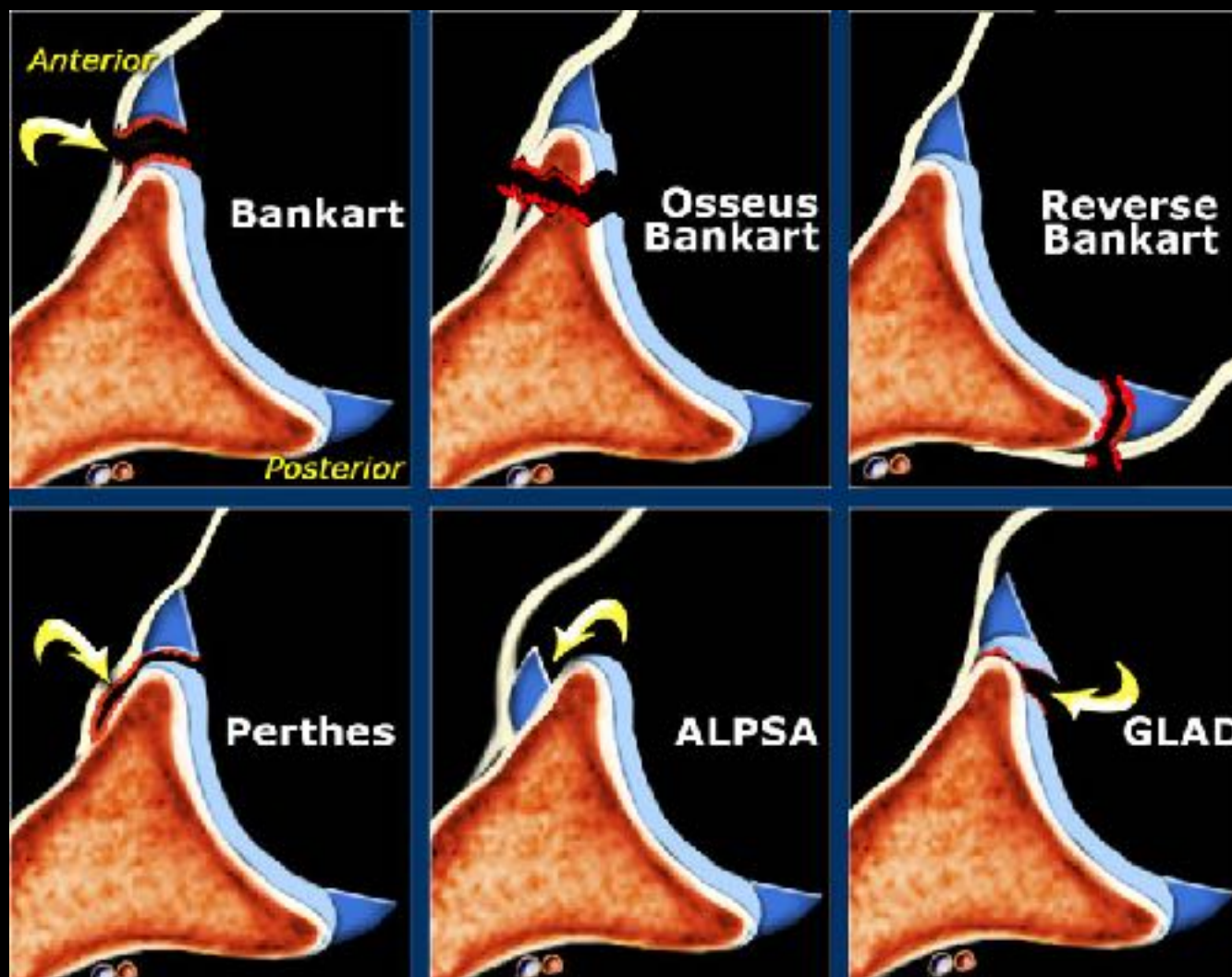
ANTERIOR



Instabiliteit



ANTERIOR, TRAUMATISCH

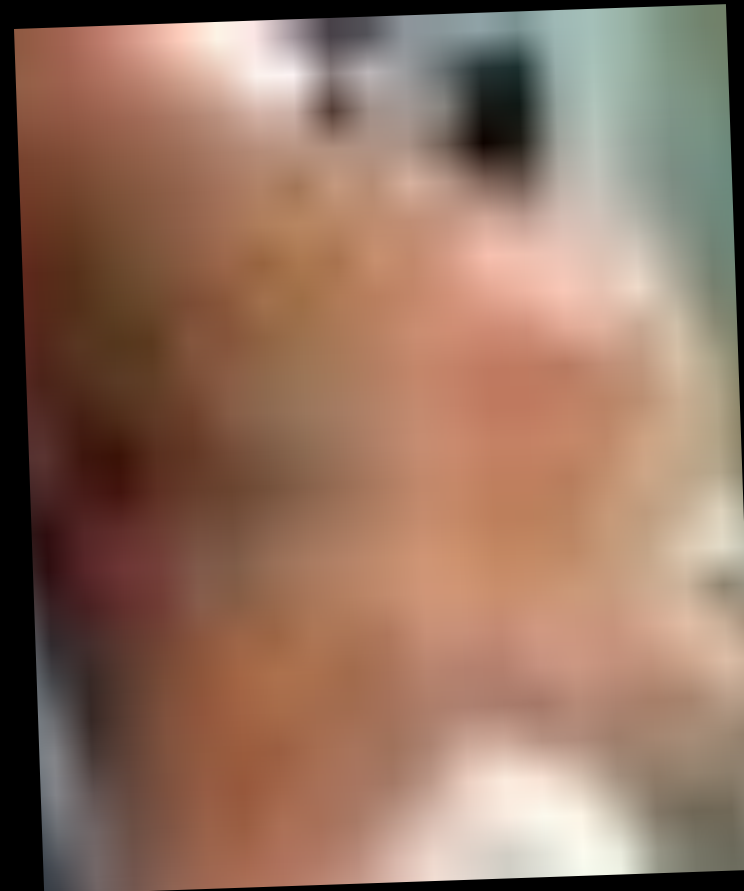


Instabiliteit

ANTERIOR, TRAUMATISCH

Na hoeveel luxaties gaan we over tot operatie?

1. 1
2. 2
3. 3 of meer
4. verschilt per land



Instabiliteit

ANTERIOR, TRAUMATISCH

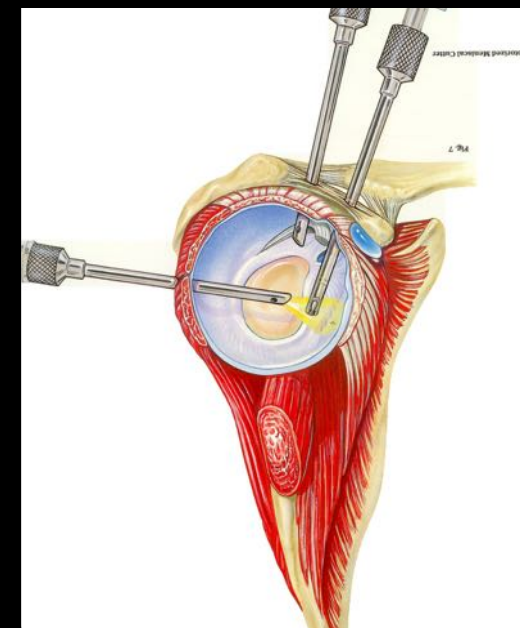
Operatieve mogelijkheden:

1. Labrum herstel (Bankart repair)

- *Subscapularis hechting*
- *Remplissage*

2. Benig herstel

- *fixatie botfragment*
- *bekkenkambot*
- *(Bristow) Latarjet*



Instabiliteit

ONDERZOEK IN NARCOSE



Instabiliteit

POSITIONERING



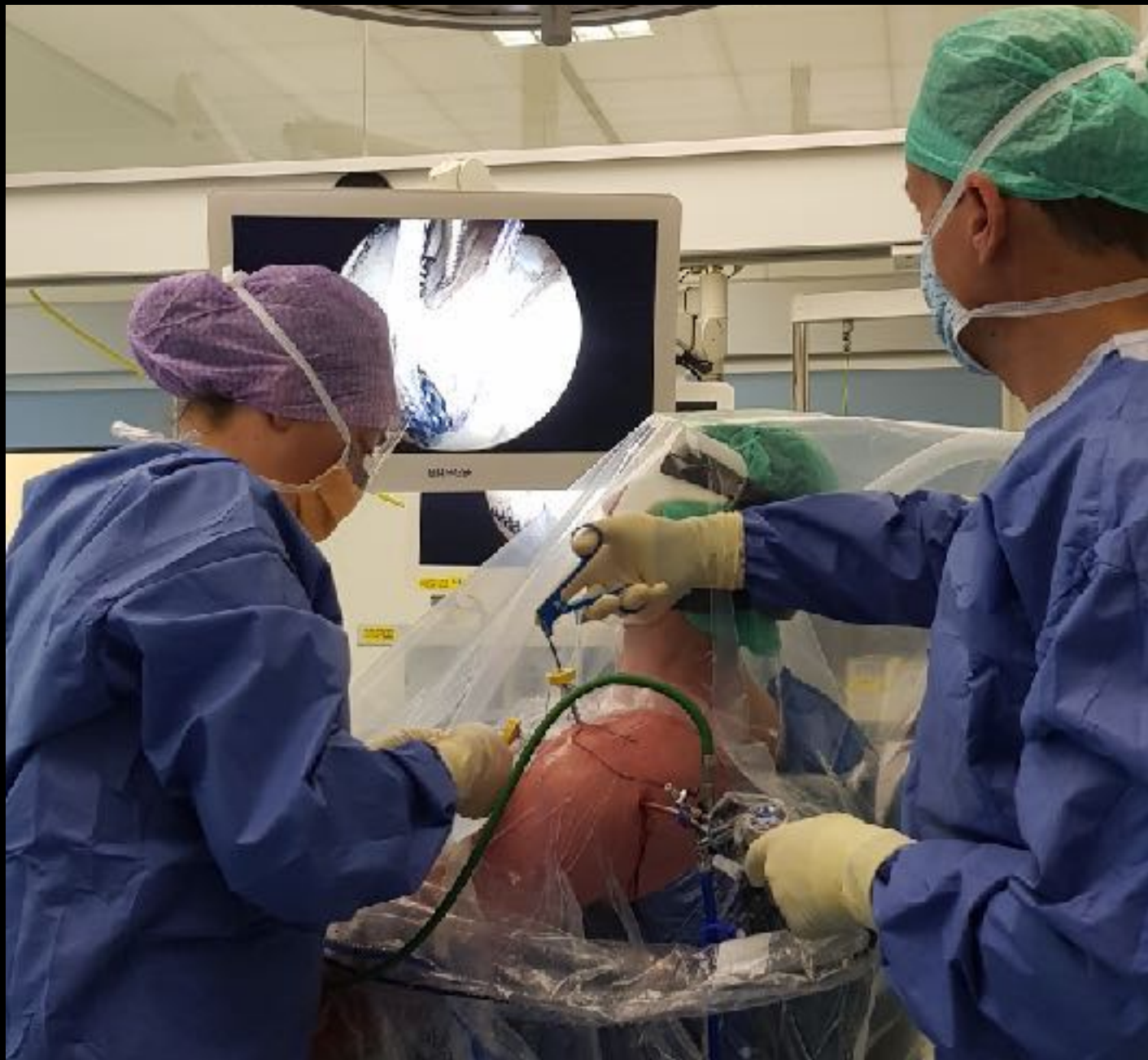
Instabiliteit

POSITIONERING



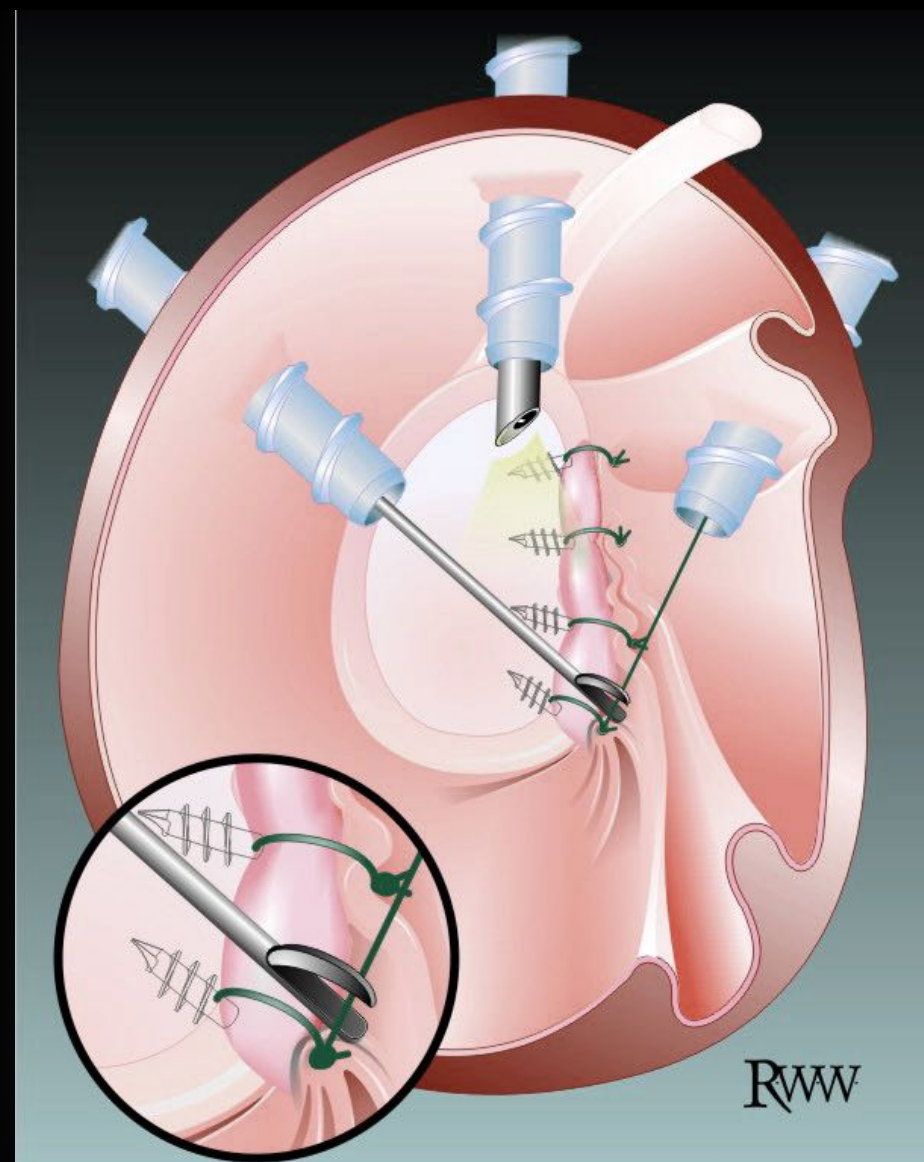
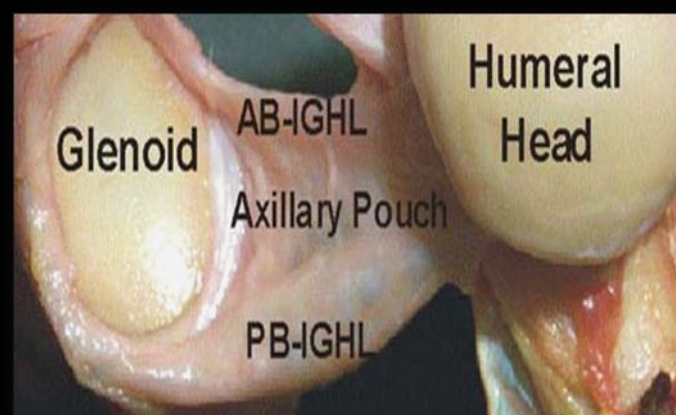
Instabiliteit

TECHNIEK

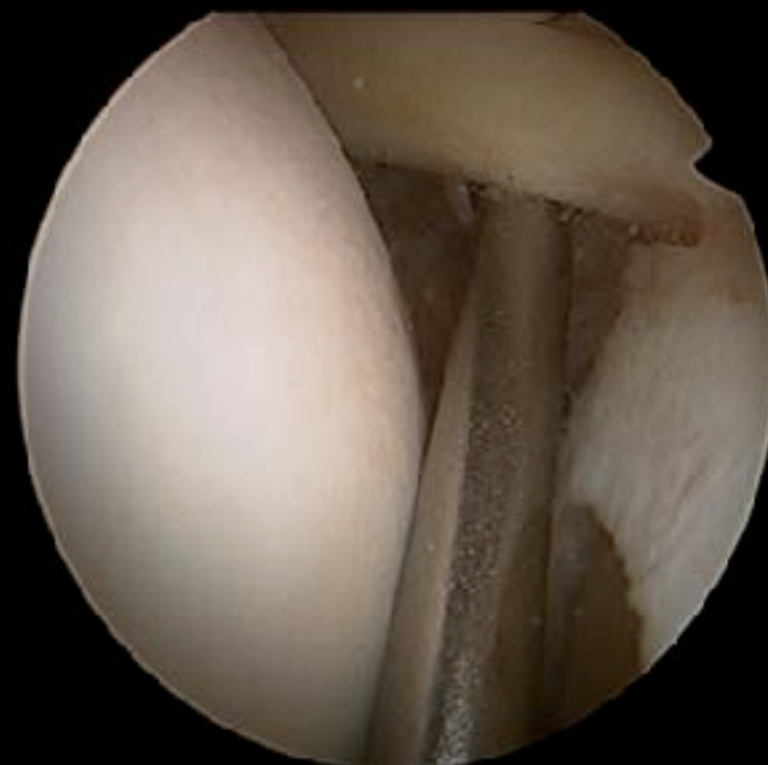


Instabiliteit

ANTERIOR, BANKART REPAIR



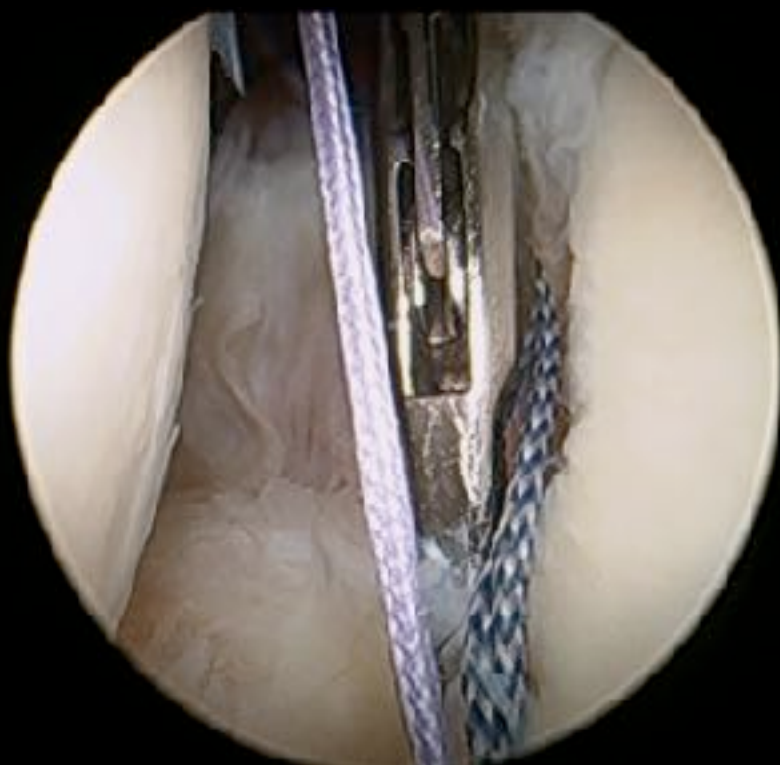
Instabiliteit



Instabiliteit



Instabiliteit



Instabiliteit

NABEHANDELING

- Dagbehandeling
- Sling 6 weken
- 2 weken wondcontrole
- Fysiotherapie
- Sportverbod 4-6 maanden



Instabiliteit

ANTERIOR, RECIDIEF

**Hoe groot is de recidief kans bij een man
onder 20 jaar < 10 jaar na Bankart repair?**

- 1. 10 %
- 2. 20 %
- 3. 30 %
- 4. 40 %



Instabiliteit

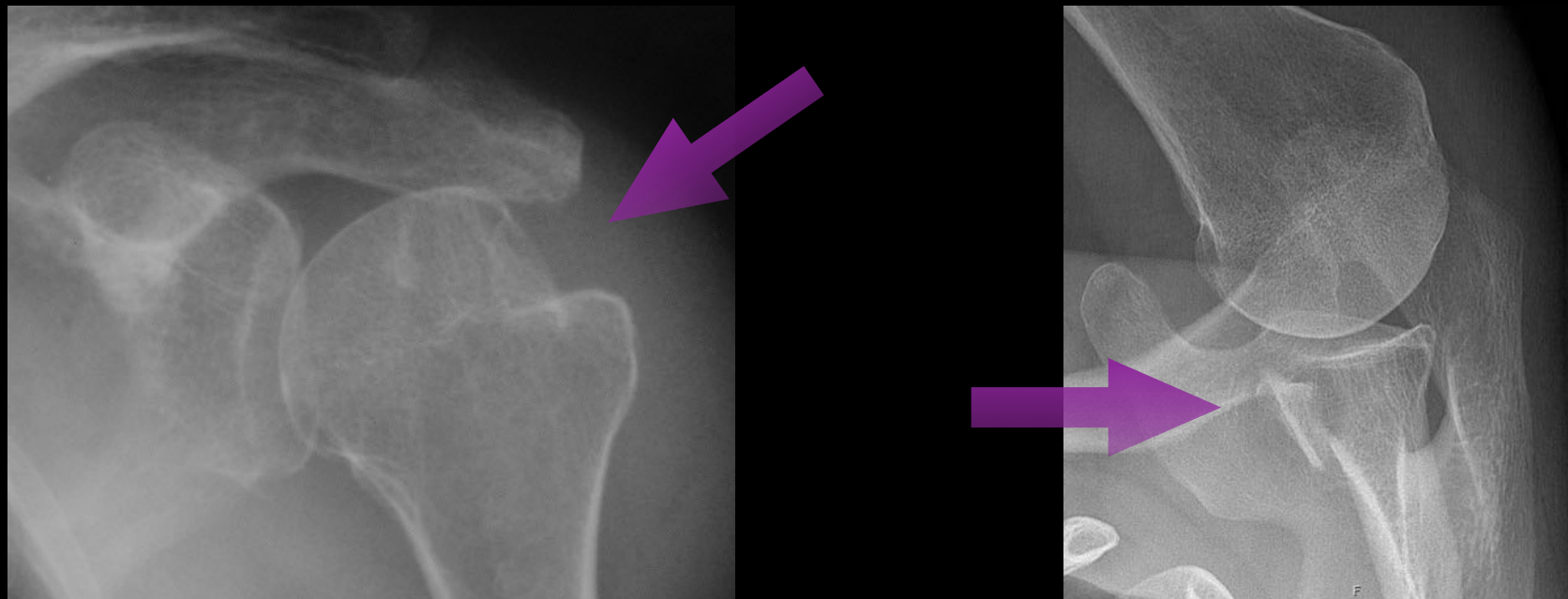
ANTERIOR, TRAUMATISCH



Boileau:

A score of ≤ 6 points = an acceptable recurrence risk of 10% with arthroscopic stabilisation.

A score of > 6 points = an unacceptable recurrence risk of 70% and should be advised to undergo open surgery (i.e. Latarjet procedure)

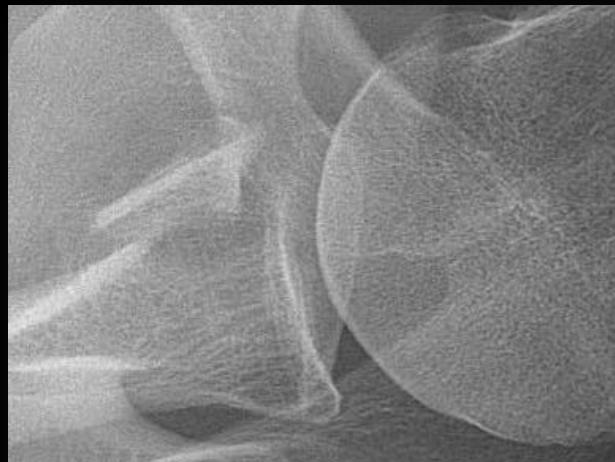
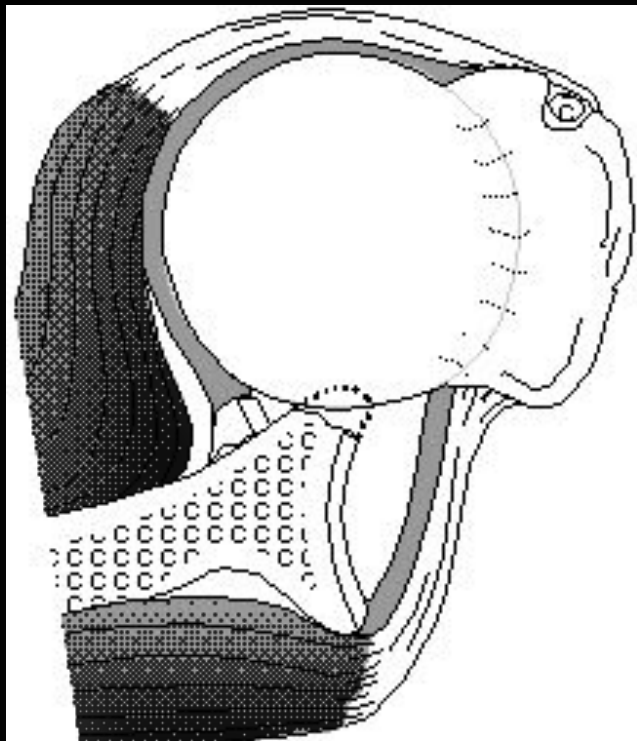


Prognostic factors	Points
Age at Surgery (yrs)	
≤ 20	2
> 20	0
Degree of sport participation (pre-operative)	
Competitive	2
Recreational or none	0
Type of Sport (pre-operative)	
Contact or forced overhead	1
Other	0
Shoulder Hyperlaxity*	
Hyperlaxity (anterior/inferior)	1
Normal	0
Hill-Sachs lesion on AP radiograph	
Visible on external rotation	2
Not visible on external rotation	0
Glenoid loss of contour on AP radiograph	
Loss of contour	2
No lesion	0
Total (points)	10

Instability Severity Index Score

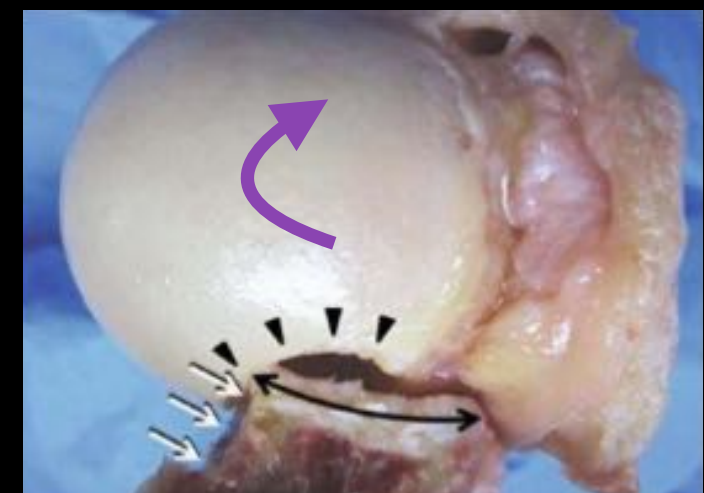
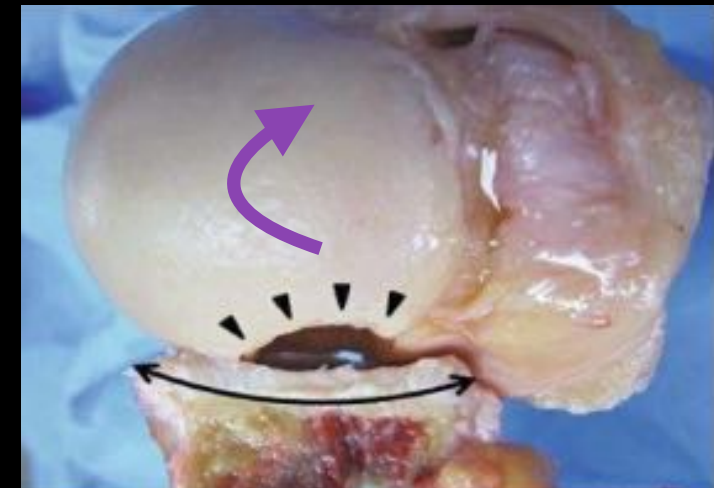
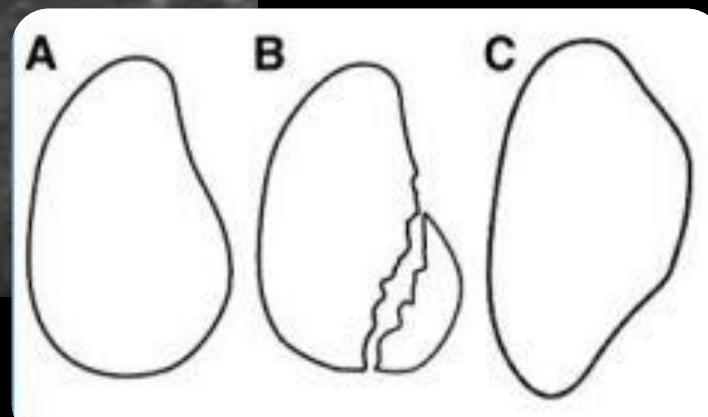
Instabiliteit

BOTLETSEL



Instabiliteit

HILL SACHS & INVERTED PEER



Instabiliteit

ANTERIOR, TRAUMATISCH

Hoe vaak komt bij een primaire luxatie een Hills-Sachs lesie voor?

- Na primaire luxatie 38 – 100%
- Na recidief luxatie 58 - 100%

(Yamamoto JSES 2010)



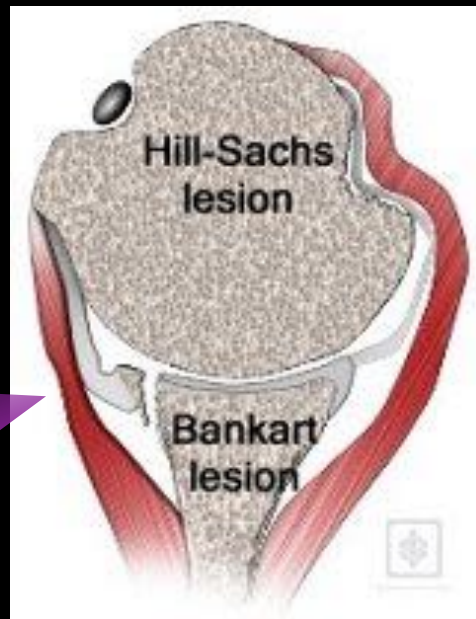
Hoe vaak komt bij recidiverende luxaties een botletsel van het glenoid voor?

- Fractuur glenoidrand 40-50%

(Sugaya JBJS am 2003)

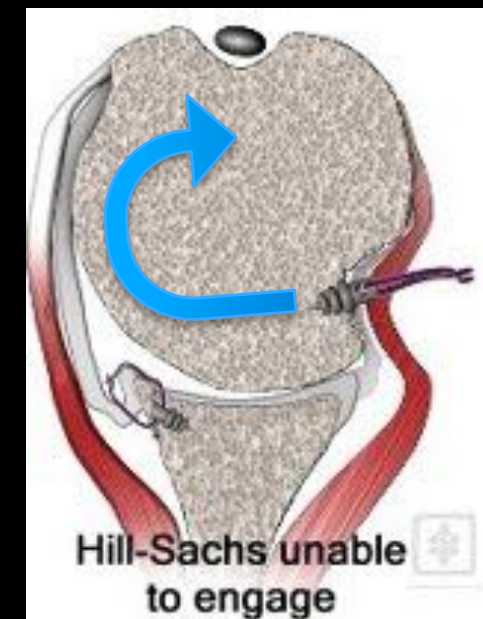
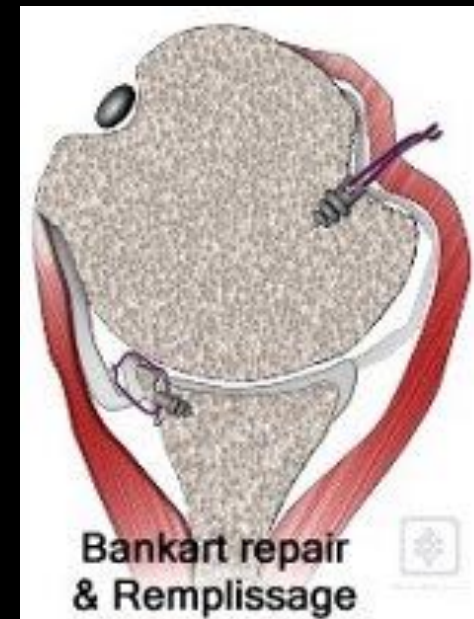
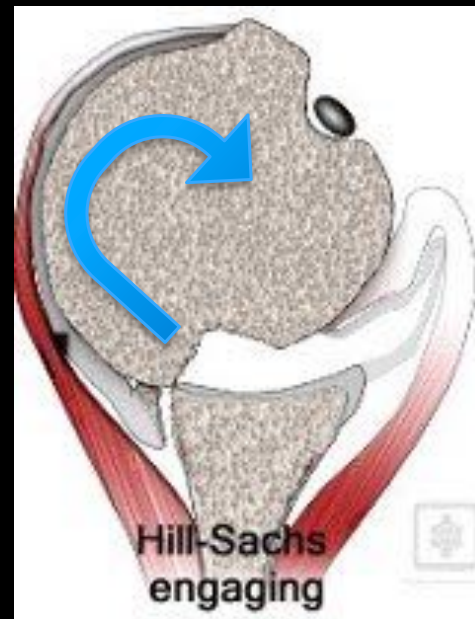
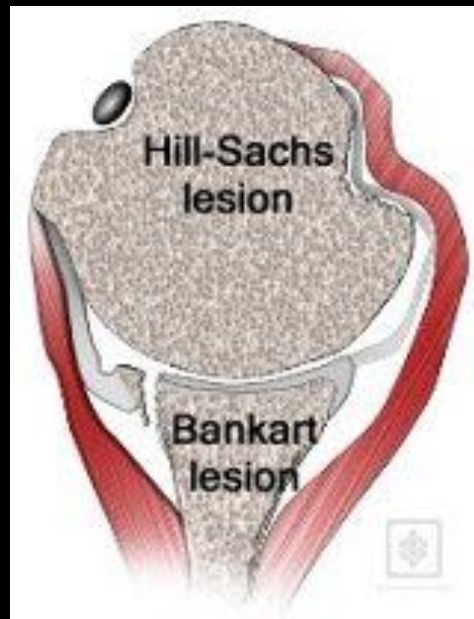
Instabiliteit

ANTERIOR, SUBSCAP FIXATIE



Instabiliteit

ANTERIOR, REMPLISSAGE



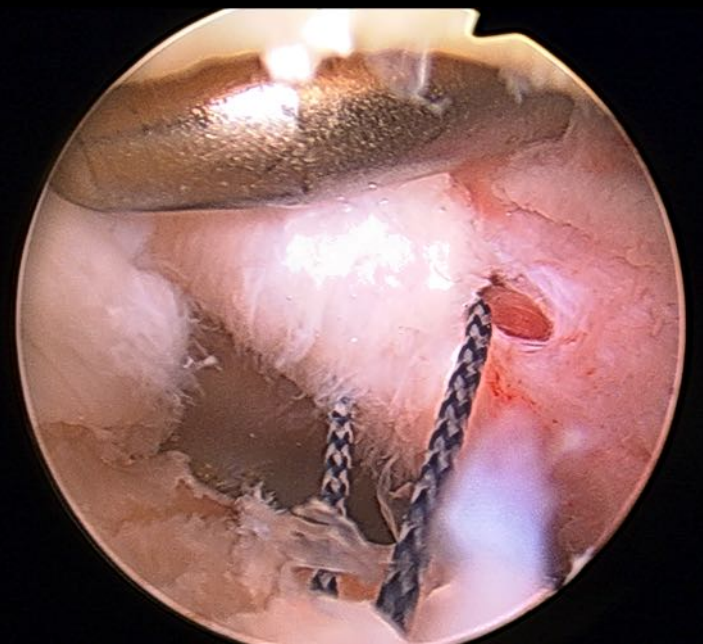
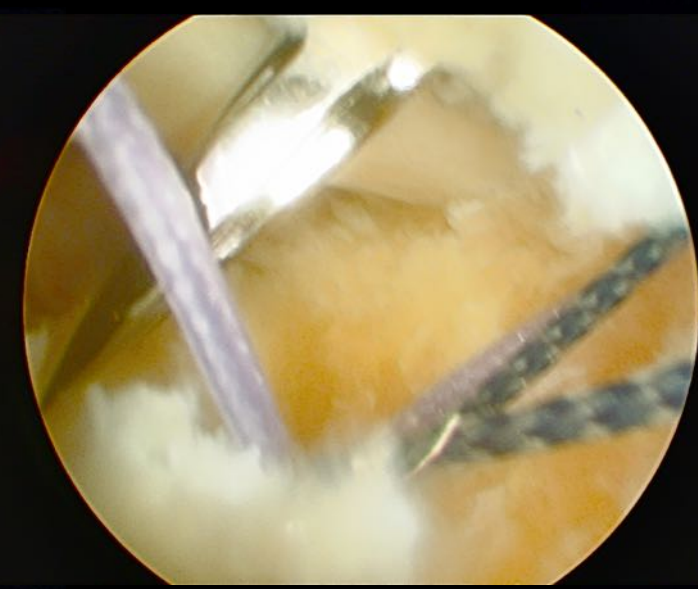
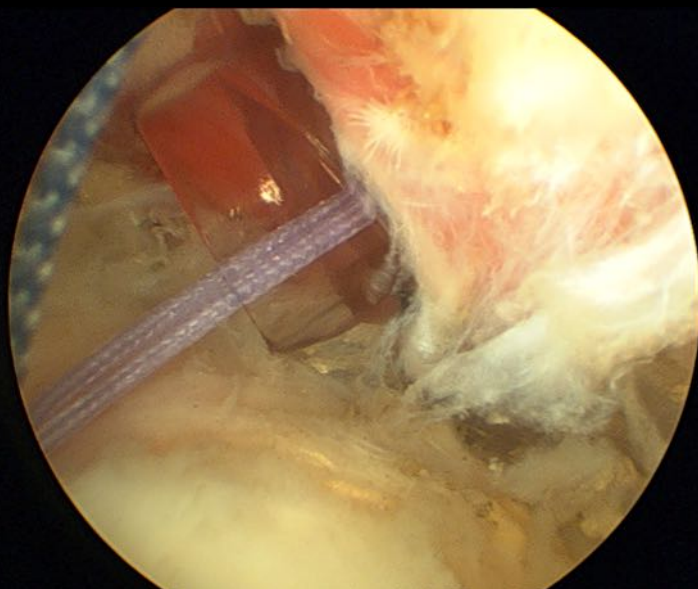
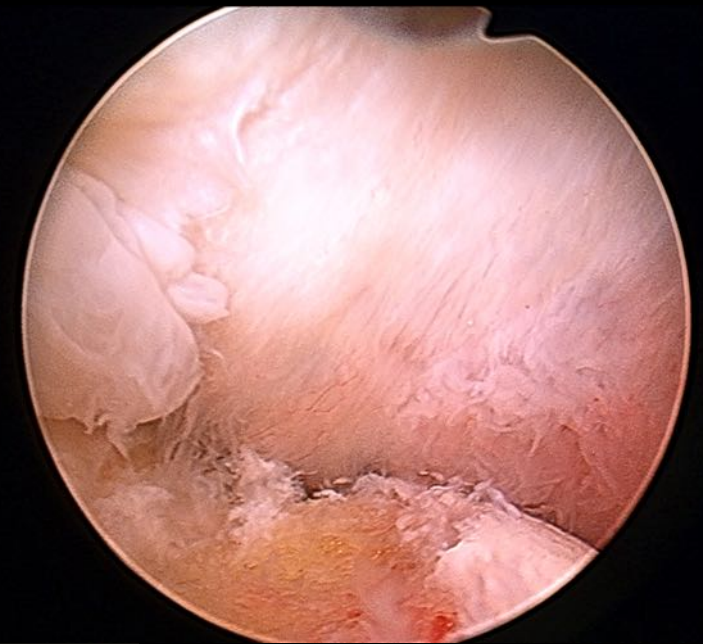
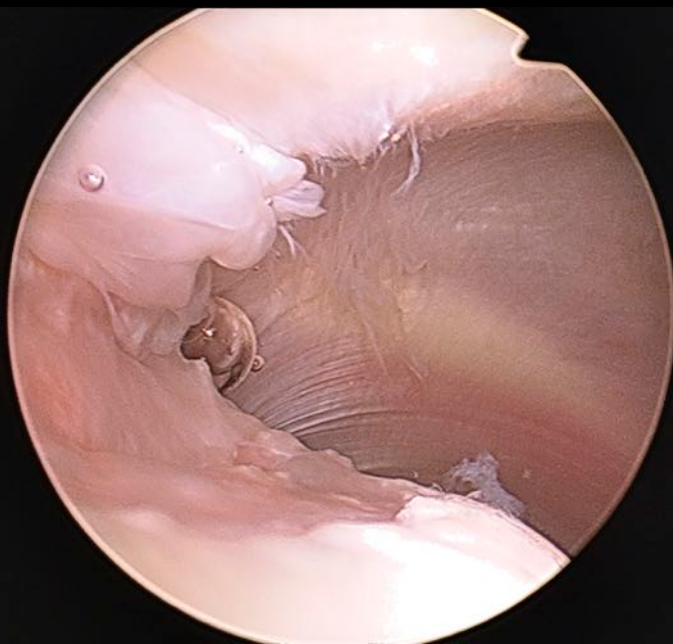
J Shoulder Elbow Surg. 2007 Sep-Oct;16(5):649-56. Epub 2007 Jul 23.

Contact between the glenoid and the humeral head in abduction, external rotation, and horizontal extension: a new concept of glenoid track.

Yamamoto N¹, Itoi E, Abe H, Minagawa H, Seki N, Shimada Y, Okada K.

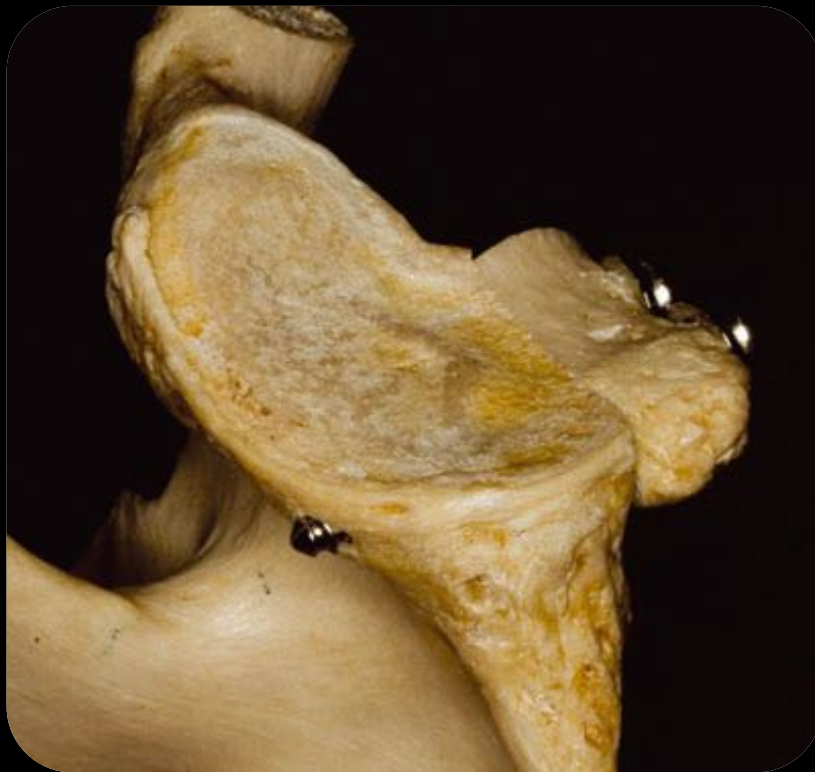
Instabiliteit

REMPLISSAGE



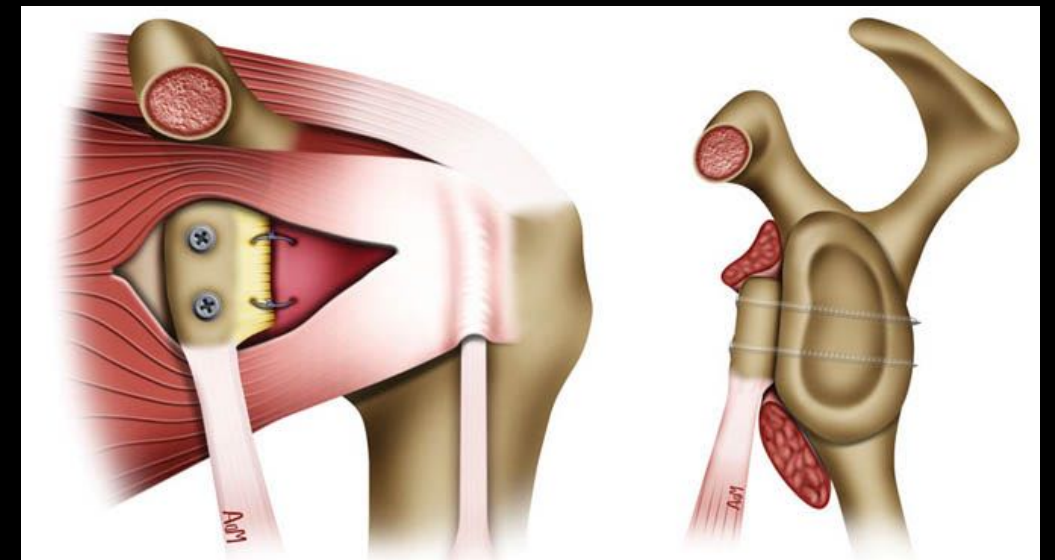
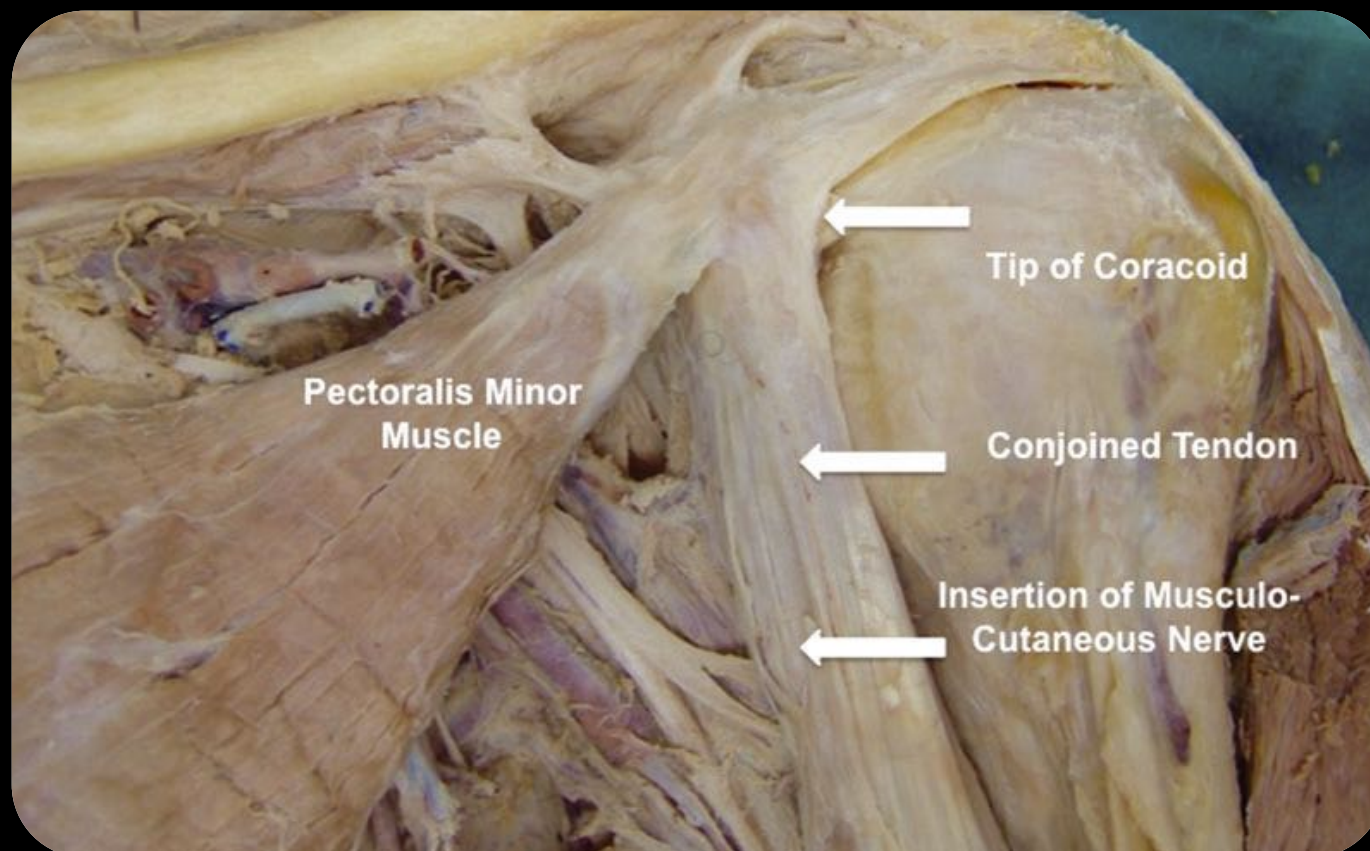
Instabiliteit

BOTBLOK / BRISTOW / LATARJET



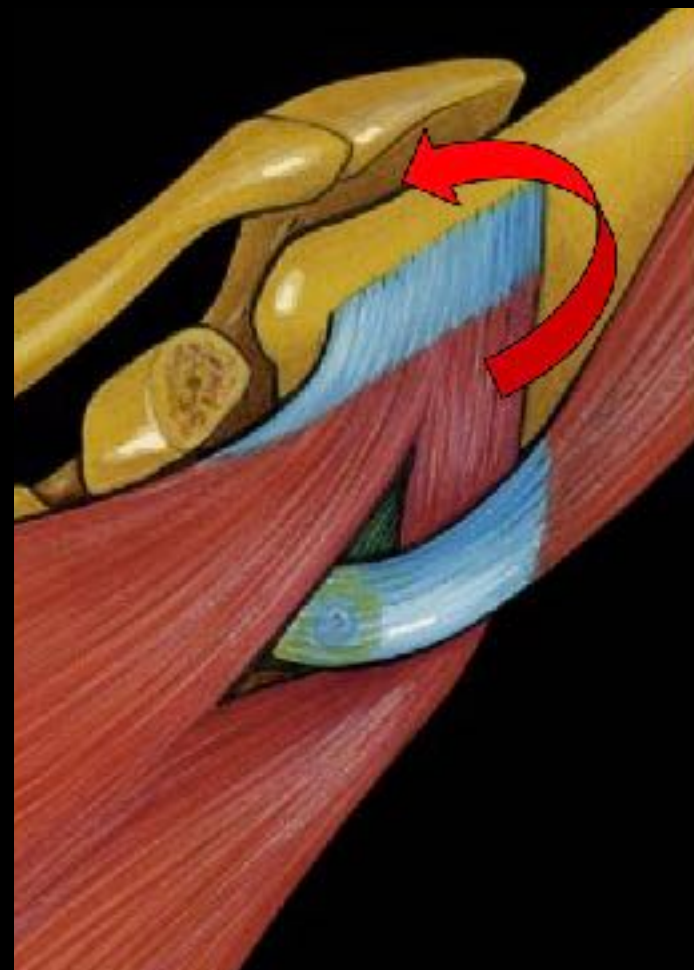
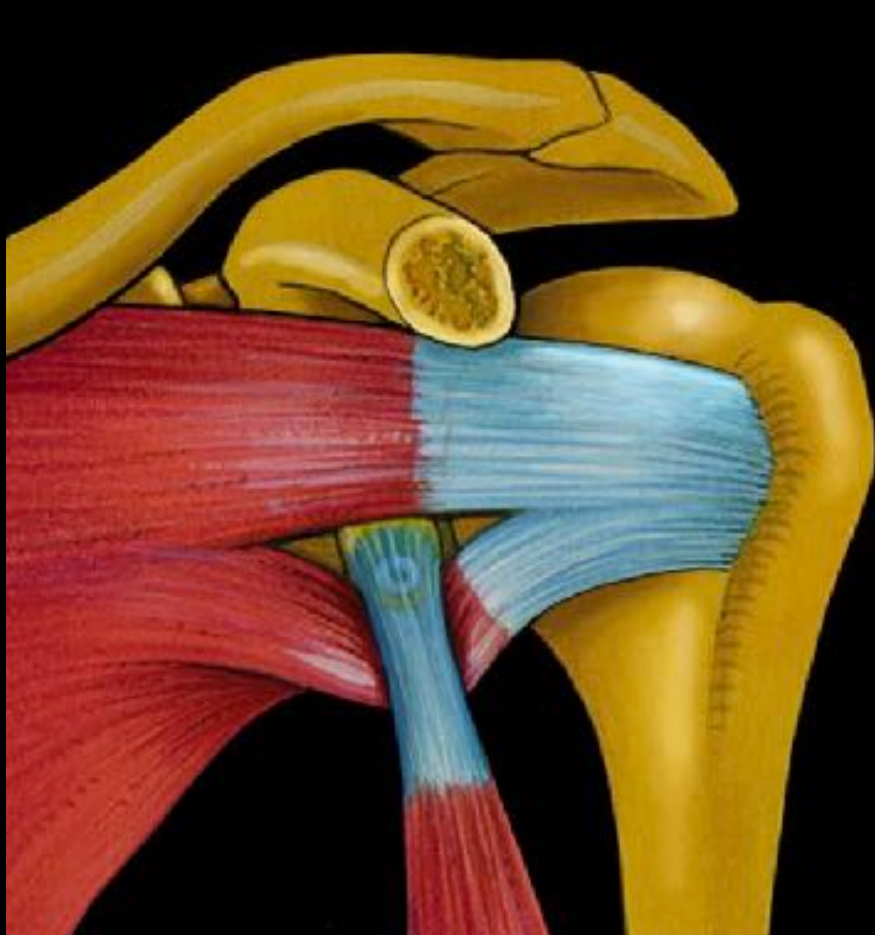
Instabiliteit

PROCESSUS CORACOIDEUS



Instabiliteit

SLING-EFFECT

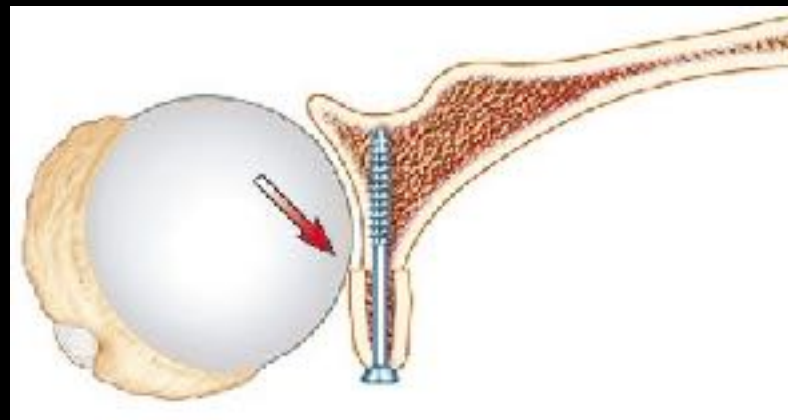


Instabiliteit

LATARJETOPERATIE

Potentiële complicaties na een Latarjetoperatie:

- Kraakbeenschade (tijdens OK, door schroeven/coracoid)
- Zenuwletsel (n. axillaris, n. musculocutaneus, nn subscap)
- Coracoid (breuk, malpositie, loslating, resorptie)
- Peesletsel (korte biceps, lange biceps, subscap)
- Algemene complicaties (infectie, DVT, bloeding, etc)
- Stijfheid
- Recidief



Instabiliteit

WELK TYPE OPERATIE?

Scopische Bankartrepair:

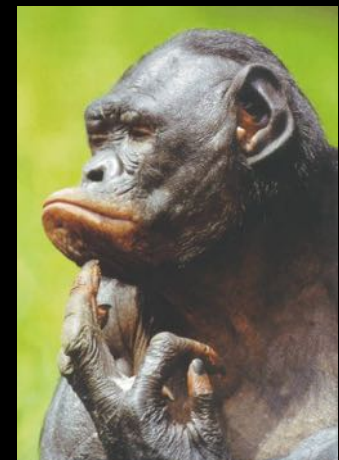
- Labrumlesie
- "Oudere" leeftijd
- Vrouwen
- Weinig sportief

Scopische Bankart met remplissage:

- Labrumlesie en relevant Hill Sachs defect
- Jonge mannen
- Contactsport

Latarjet:

- Niet geconsolideerde glenoid voorrandfractuur
- Botdefect voorrand / inverted peer



Instabiliteit

VRAGEN?

