



Patella
luxation
ISOLock

Dates and images

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Patella luxation procedure



1.



2.



3.

Insert a 1,2 mm K wire through the femoral condyles; drill at the level of the isometric point marked before, keep the K wire perpendicular to the bone and parallel to the joint.



4.

Make sure the K wire exit on the opposite condyle.



5.

Insert the 2,8 mm reamer (VS407) into the K wire and drill the hole all the way through the opposite condyle.



6.

Remove the reamer and K wire; tap the hole using the appropriate tap VS405.

Patella luxation procedure



7.
Insert a 1,2 mm K wire through the same hole insert at 45° angle.



8.
Insert the 2,8 mm reamer (VS407) into the K wire and drill the hole all the way trough the opposite cortex.



9.
Insert the 1,2 mm K wire in the perpendicular hole; make sure the K wire exit the medial condyle; take the 1,5 mm ISOLOCK and insert the needle trough the K wire from medial to lateral direction.



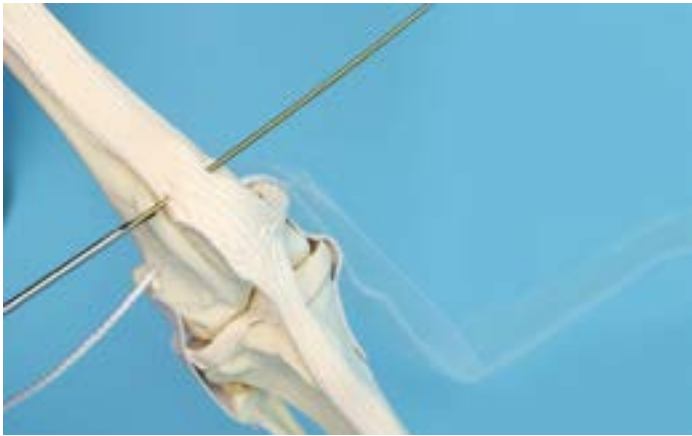
10.
Remove the K wire and grab the needle with a needle holder.



11.
Slide the suture trough the hole; avoid to pass the whole suture trough the hole and make sure that the unused suture on the medial side remains inside the protection sleeve.



12.
Grab the patellar tendon with a needle holder and insert a 1,2 mm K wire through the portion of the tendon right above the patella.



13.

Using the K wire as a guide, pass the needle trough the patellar tendon from lateral to medial direction.



14.



15.

Pull the suture trough the tendon.



16.

Using a 1,2 mm K wire penetrate the tendon below the patella and insert the needle.



17.

Pull the suture trough the tendon.



18.

Pull the whole suture through the patellar tendon.

Patella luxation procedure



19.
Make sure that the button is sitting flush to the medial condyle.



20.
Pull the suture completely through the tendon to test the desired tension.



21.
Pass a 1,2 mm K wire trough the 45° hole.



22.
Guide the needle trough the wire.



23.
Pull the suture to achieve the desired tension.



24.
Pinch the suture on the medial condyle to mantain tension.



25
Insert 5,5 mm interference screw (V4006) using the 2,5 mm screwdriver (VS340) in the lateral hole.



26.
Cut the suture on the medial side.



Ordering information

Implantes

Ref.	Description
V4100	ISO-LOCK ø 1 mm
V4102	ISO-LOCK ø 1,5 mm
V4103	ISO-LOCK ø 2 mm



Instruments

Ref.	Description
V4005	Interference screw \varnothing 4,0 mm
V4006	Interference screw \varnothing 5,5 mm
VS401	\varnothing 1,5 mm K. Wire drill guide
VS402	\varnothing 1,2 mm K. Wire drill guide
VS404	Tap \varnothing 4,0 mm screw
VS405	Tap \varnothing 5,5 mm screw
VS406	\varnothing 2,2 mm reamer
VS407	\varnothing 2,8 mm reamer
VS408	Suture fork small
VS409	Suture fork medium
VS411	K-Wire 100 mm \varnothing 1,2
VS412	K-Wire 80 mm \varnothing 1,5



V4005

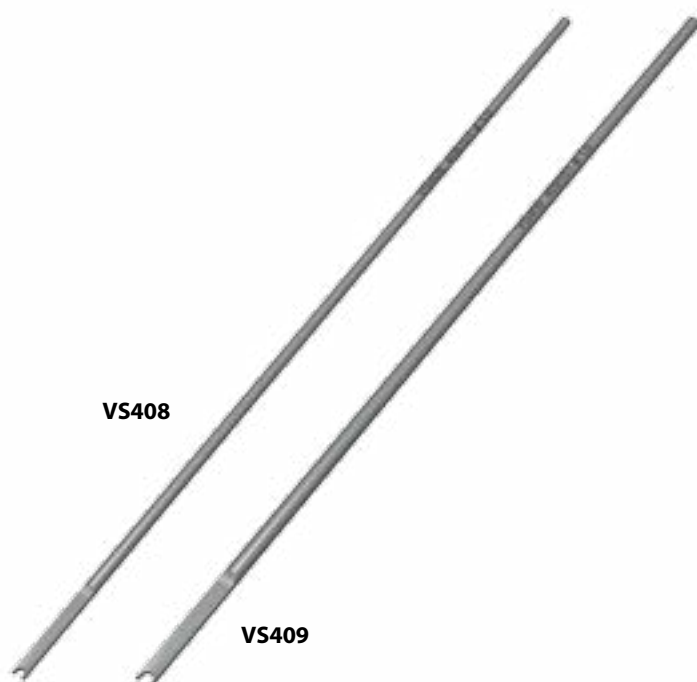


V4006



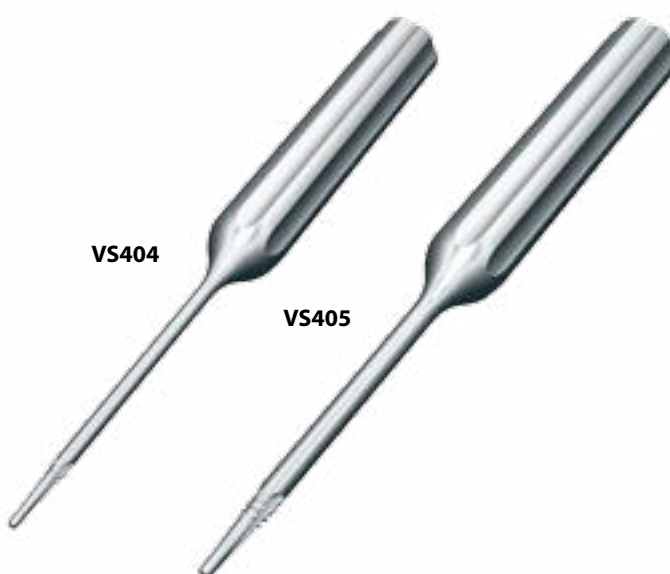
VS406

VS407



VS408

VS409



VS404

VS405

Notes

*All you need.
With us.*



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