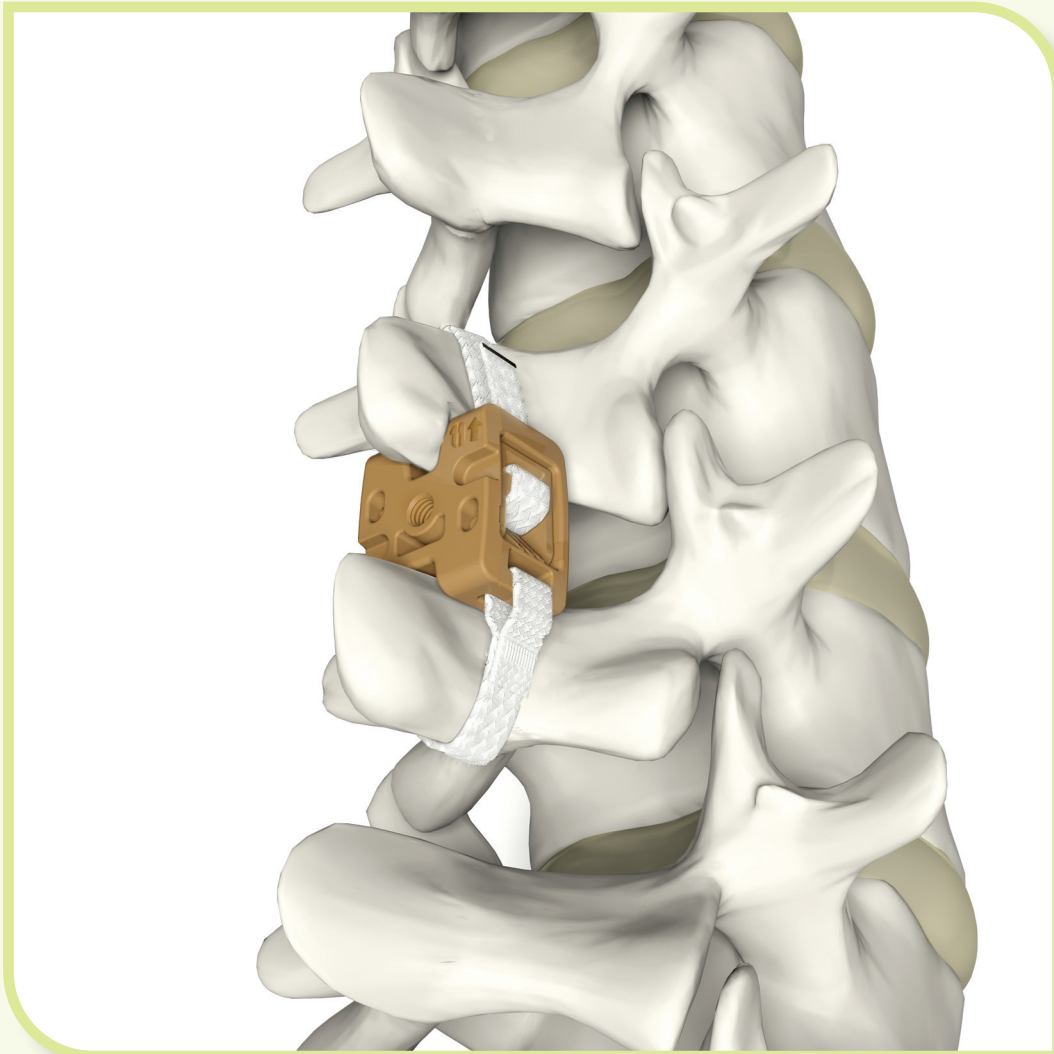




QSpine

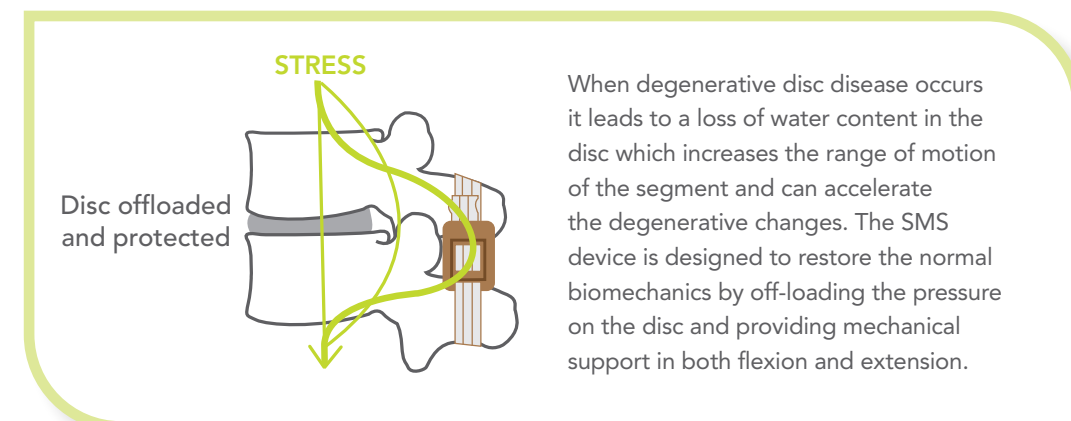


*Stabilise with
Motion Support*



**SMS: The next generation of
dynamic lumbar stabilisation device**
– developed through clinical experience

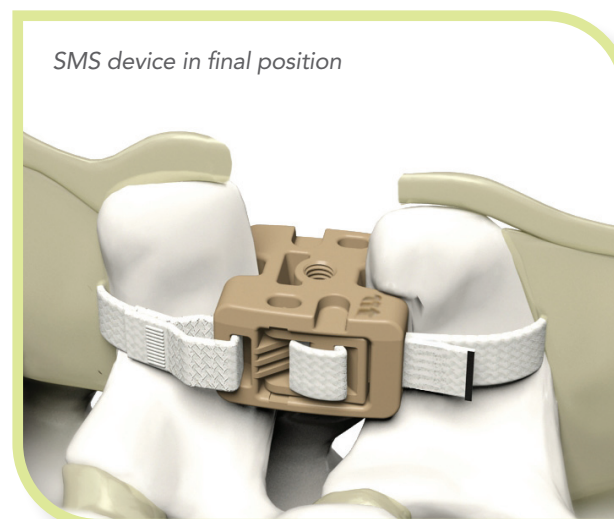
The SMS device is not just an interspinous spacer – it is a dynamic stabilisation system that works in both flexion and extension.



The SMS device is appropriate for similar indications to pedicle screw based dynamic stabilisation systems, but without the drawbacks of pedicle screws.

Indications

- Recurrent disc herniation
- Stabilisation following massive herniated disc
- Stabilisation following lumbar decompression for spinal stenosis
- Chronic low back pain due to isolated disc disease
- Topping off above a lumbar fusion
- Isolated disc disease following positive discogram



The SMS device preserves mobility, anatomy and stability while leaving all subsequent options open should the need arise. The SMS device fills a therapeutic void that formerly existed between conservative treatment and fusion or disc replacement.

SMS features and benefits

Threaded hole allows positive attachment of installation tools.

Black dye lines indicate cutting positions on the braid after installation. The band has been treated to ensure it does not fray after cutting therefore no extra parts or procedures are required.

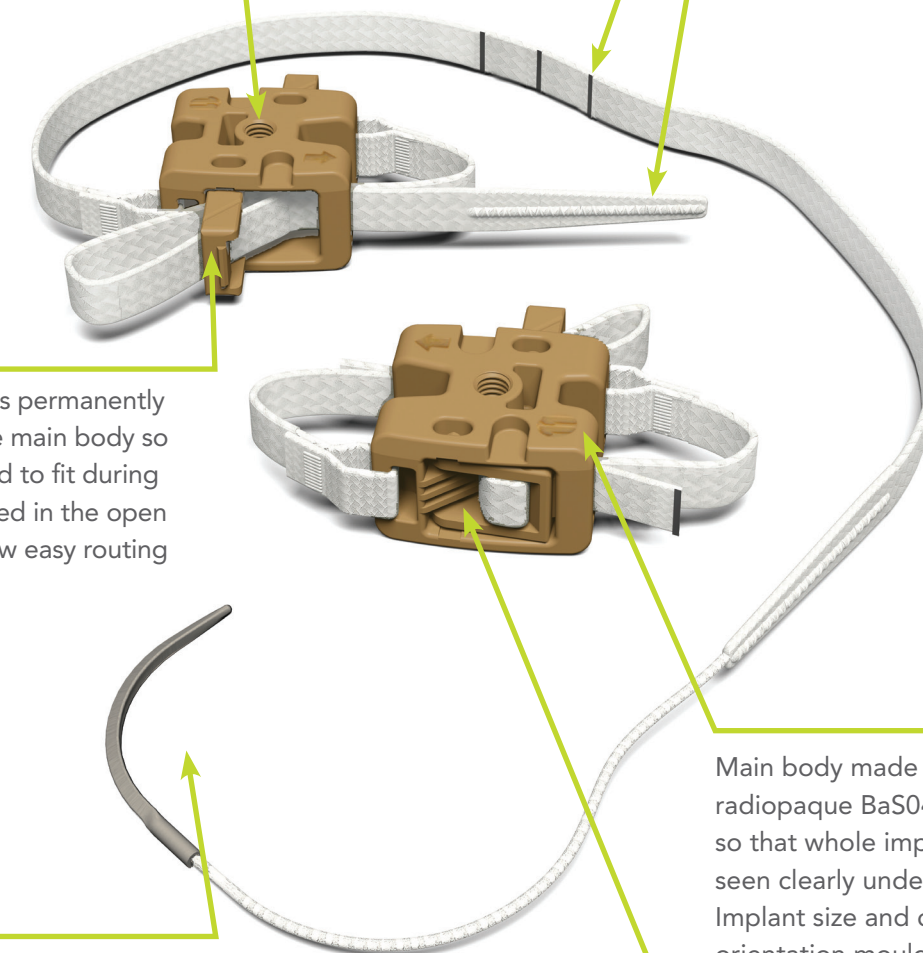
The end of the braid is stiffened and features have been added to the main body. This ensures the braid feeds easily through the implant gates.

Braid lock gates permanently attached to the main body so there is no need to fit during surgery. Supplied in the open position to allow easy routing of the braids.

Needle attached to braid to allow for piercing of the interspinous ligaments. This is cut off prior to threading through the implant.

Gates slide closed, and when braids are tightened they pull the gates into the locked position.

Main body made from radiopaque BaSO₄ filled PEEK so that whole implant can be seen clearly under X-Ray. Implant size and correct orientation moulded into the main body.



Minimal Instrumentation

The instruments have been specifically designed to make the implantation of the SMS device as simple and easy as possible. From the threaded hole in the implant that provides secure attachment throughout, to the recesses in the implant for the unique, patent pending, tightening system; the instruments have been designed to ensure a safe, reproducible surgical outcome.



Ordering information:

Product	Code
SMS Device size 7mm	SMS-07
SMS Device size 9mm	SMS-09
SMS Device size 11mm	SMS-11
SMS Device size 13mm	SMS-13
SMS Device size 15mm	SMS-15



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