

Redefining spinal fusion logistics

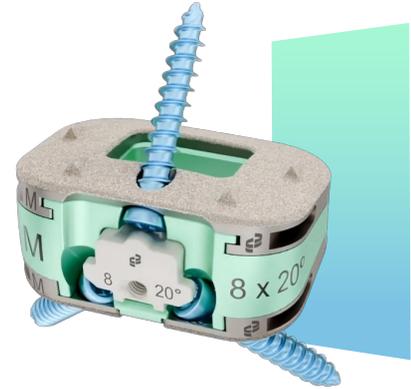


Market context

Spine fusion is a +\$10bn global market under pressure:

- declining reimbursements
- SKU bloat
- rising revision rates

Surgeons and strategics are searching for simpler systems that cut inventory costs and improve outcomes.



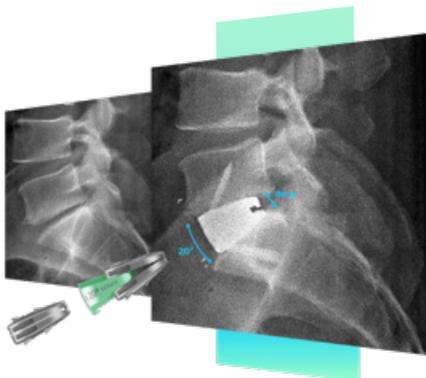
The problem

Traditional one-piece cages demand multiple SKU sizes to achieve alignment goals. High inventory does not equal better results. Loss of correction due to subsidence still occurs in up to 23% of ALIF cases, driving costly revisions.

The IP & validation

Three patents granted (Europe / US) covering modular cage and locking interface.

Ongoing collaboration with leading UK spine surgeons and hospitals.



The innovation

Modular Fusion System

Designed to minimise subsidence risk via load-sharing design and atraumatic insertion.

Workflow optimization aimed at enhanced safety and procedural efficiency and patient matching solutions in the OR.

Clinical edge

Demonstrated superior endplate protection vs traditional one-piece cages and maintenance of lordotic angle and posterior height.

Commercial traction

Multiple VAC and system approvals, leading surgeons utilising axis ALIF, with distribution support established, US field resource building, sales doubled in 2025.



The ask

Axis Spine is seeking strategic partnership or acquisition to scale commercialisation and global regulatory rollout.

Find out more:

<https://www.merciaventures.co.uk/future-of-fusion/axis-spine/>