ACRON TLIF SYSTEM
New Solution for Osteoporotic Patients
ORIGIN
The Acron system is the brainchild of Christian Schawrda & Andreas Bernegger co-founders of the spineMED group in Vienna, Austria, and Acron Medical, LLC in Orlando, Florida. The technology was developed to address the needs of patients with osteoporosis in need of a spinal fusion. After 3 years of clinical validation in Austria, Switzerland & Germany, the Acron System is coming to the United States.

DESIGN RATIONALE
The Acron PEEK Interbody system is the new gold standard for a safe & stable thoracolumbar interbody fusion. The cage was developed to provide surgeon with multiple insertion options & to maximize the contact zone between the implant & vertebral body surface. The result is an implant that restores disc space & height, & produces ideal primary stabilization and restoration of the physiological lordosis in the lumbar spine.

The Acron system can be used with neuro-monitoring system to avoid neural damage.

KEY BENEFITS

- **Large Load Bearing Footprint**
  Ideal for osteoporotic patients, the large load bearing surface allows the implant to rest safely on the hardest bone (i.e. ring apophysis) increasing stability, anchorage with inferior & superior endplates & reducing the risk of subsidence.

- **Large Graft Chamber & Windows**
  To facilitate formation of a robust fusion column.

- **Anatomically Contoured Teeth**
  The teeth geometry contributes to avoiding implant migration.

- **Bulleted Note**
  For ease of insertion and precise placement.

- **Multiple Insertion Options**
  The cage shape allows numerous options for insertion.

- **PEEK-OPTIMA**
  Made of PEEK, material with a proven clinical history & a modulus of elasticity similar to bone.

- **Tantalum Markers**
  For radiographic visualization of implant orientation & placement.