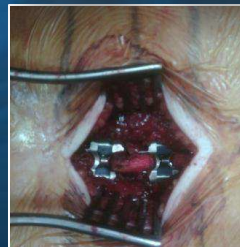
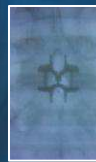
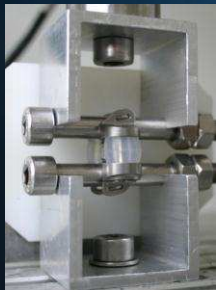
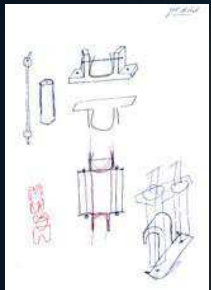




WELLEX INTERSPINOUS

PRESENTATION



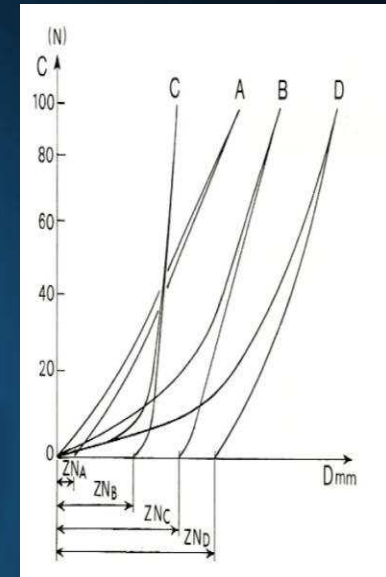
5 cm



Lumbar instability: the degenerative process can be described as follows:

- Degeneration
- Instability
 - Abnormal loading
 - Reduced disc height
 - Ligament laxity
 - Facet joint degeneration
- Re-stabilization

Abnormal kinematics of the FSU

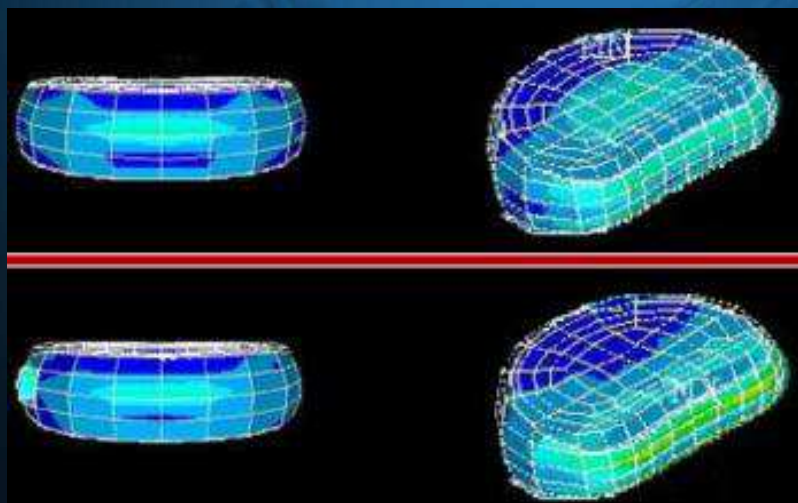


A: normal disc

B to D: degenerative changes

Use a dynamic technology (Wellex) that will provide controlled segmental mobility while:

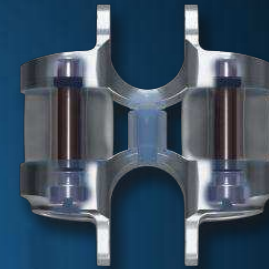
- Restoring the posterior tension band
- Reducing abnormal facet loading
- Restoring facets congruence
- Restoring foraminal height



The Wellex has been designed to:

➤ Restore and maintain intervertebral dimensions:

- It reduces abnormal posterior loading
- It increases the segmental stiffness
- It restores the facet congruence



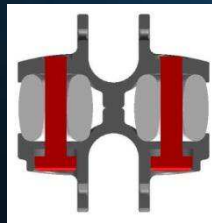
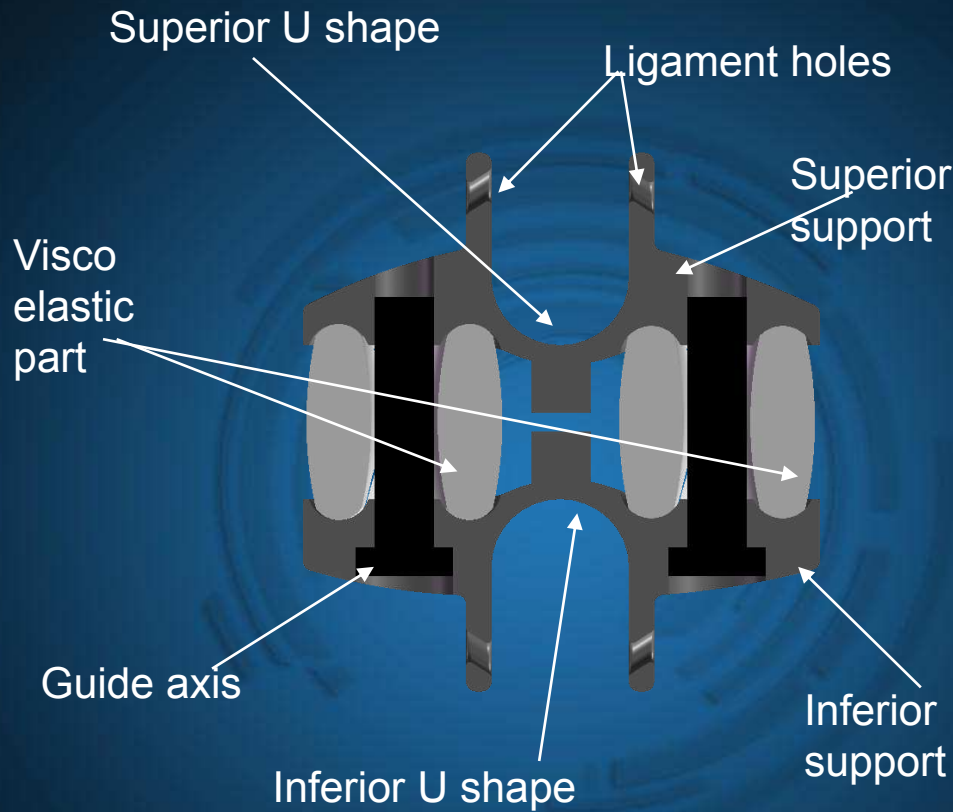
➤ Maintain physiologic kinematics of the FSU

- It allows movement in :
 - Flexion
 - Extension
 - Lateral bending

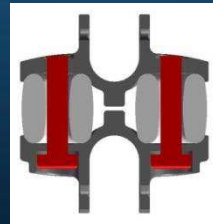
➤ Control motion

... especially in the neutral zone

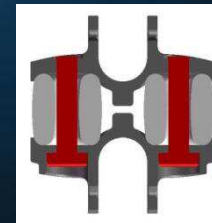
DESIGN FEATURES



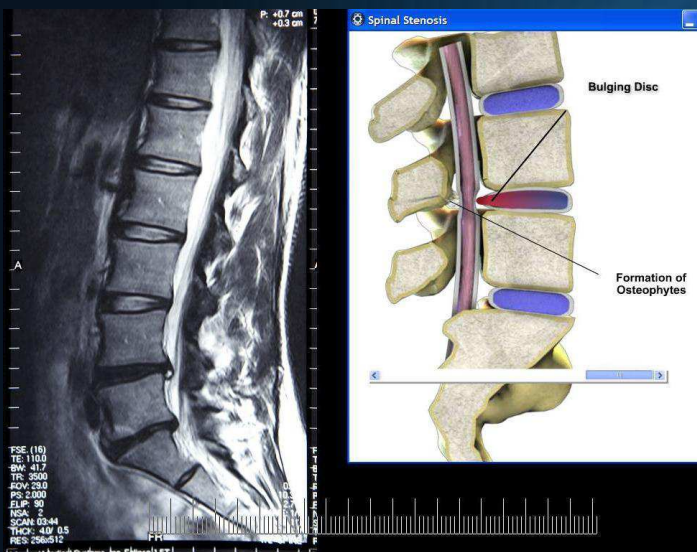
Extension



Neutral Position



Flexion



The WELLEX is specifically designed for the treatment of degenerative conditions of the spine:

1. Herniated disc
2. Spinal canal and foraminal stenosis
3. Segmental instability
4. Attachment adjacent to an arthrodesis

4 KEY DIFFERENTIATING FACTORS

Wellelex™

Dynamic



Adjustable



Compressible



Physiologic



UNIQUE

DIFFERENTIATING FACTOR #1

Dynamic	Adjustable
dynamic	
Compressible	Physiologic

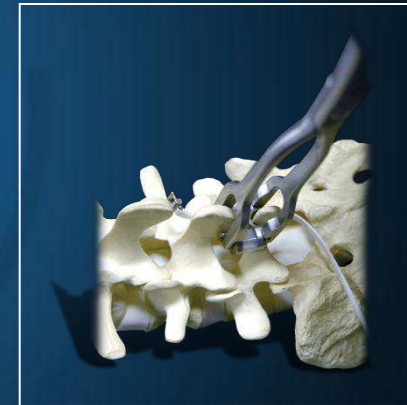
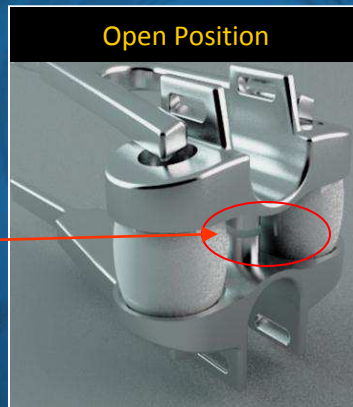
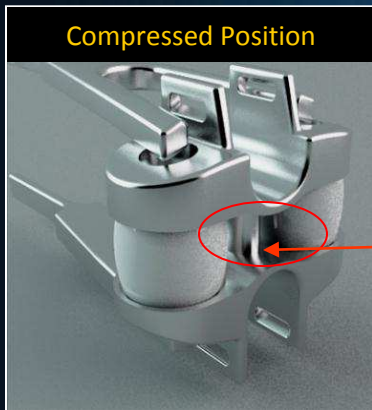


*"Controls movement dynamically in all planes and all directions
Does not block extension, maintaining the Neutral Zone
for better long term results"*

Flexion – Extension - Axial Rotation - Lateral Bending
Compression

DIFFERENTIATING FACTOR #2

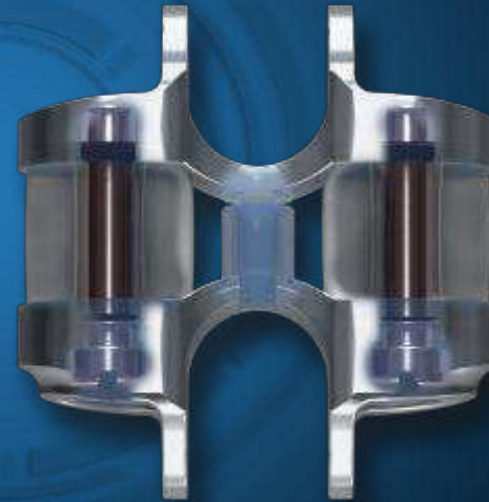
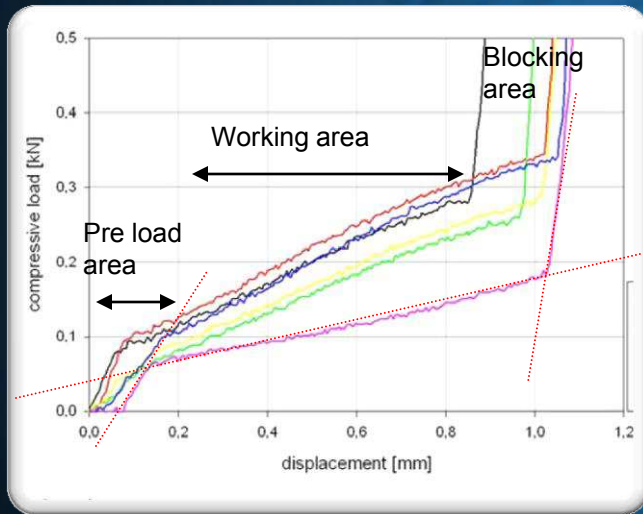
Dynamic	Adjustable
compressible	
Compressible	Physiologic



*"Inserted compressed in a minimally invasive fashion.
No need to remove bony elements of the spinous process,
avoiding the risk of implant migration."*

DIFFERENTIATING FACTOR #3

Dynamic	Adjustable
physiologic	
Compressible	Physiologic



"Viscoelastic material allows for physiological nonlinear motion"

DIFFERENTIATING FACTOR #4

Dynamic	Adjustable
adjustable	
Compressible	Physiologic

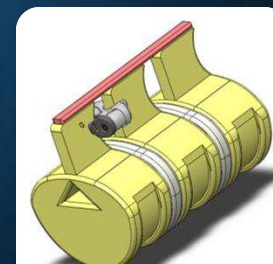
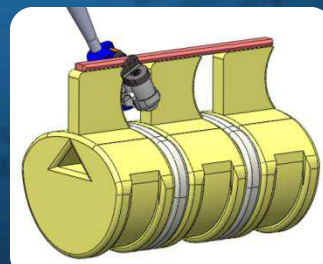
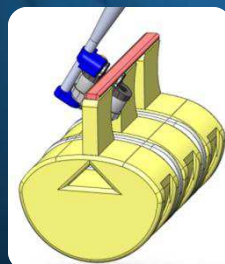


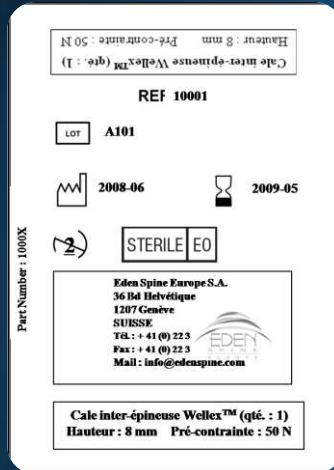
Personalized to patient physical characteristics
Surgeon has 2 stiffness options intra-operatively

- **Option 1:** Top Loading Insertion with optional ligament



- **Option 2:** Lateral Insertion (2011)

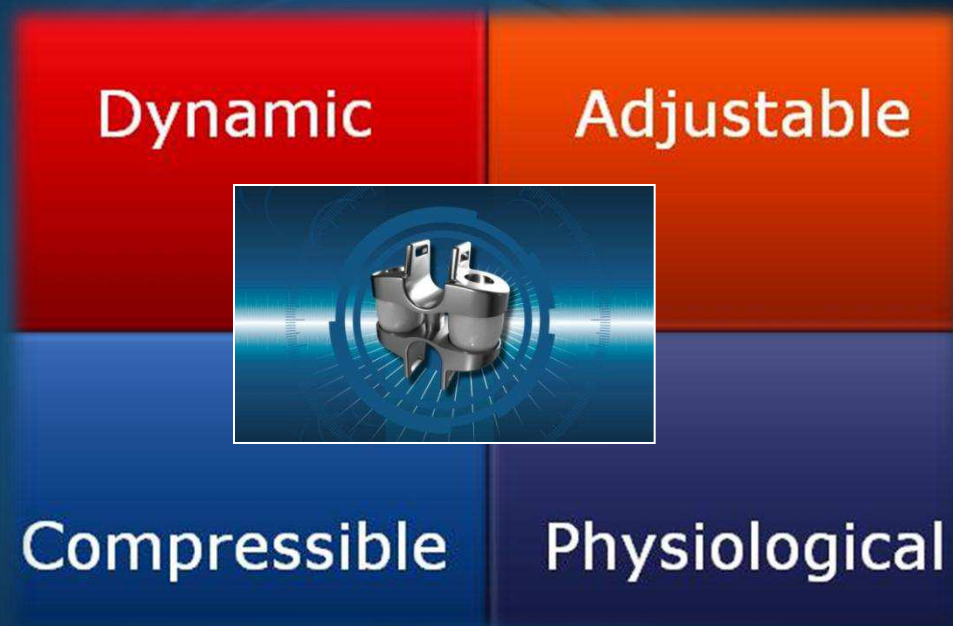




All WELLEX implants are delivered in sterile packages, under double blister pack, with sterilization control stickers, maximizing patient safety.



The WELLELEX™ is the result of Dr. Fuentes' 17 years of clinical experience with posterior non-fusion technologies.



The ability to dynamically control extension while protecting and maintaining the **neutral zone** is unique and addresses an unfulfilled need in the market place.