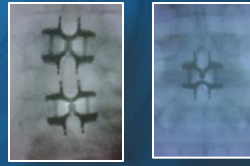




Distribuidores y representantes Exclusivos

# WELLEX INTERSPINOUS TECHNOLOGY

PRESENTATION



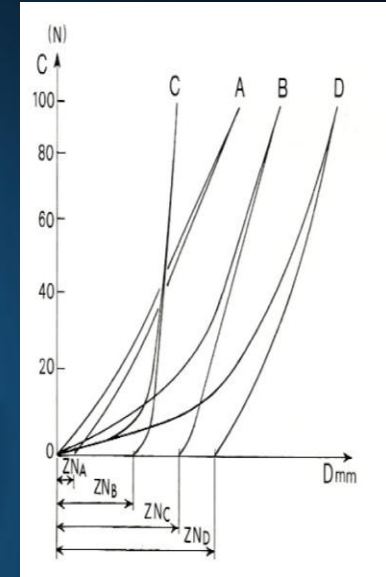
5 cm



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

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

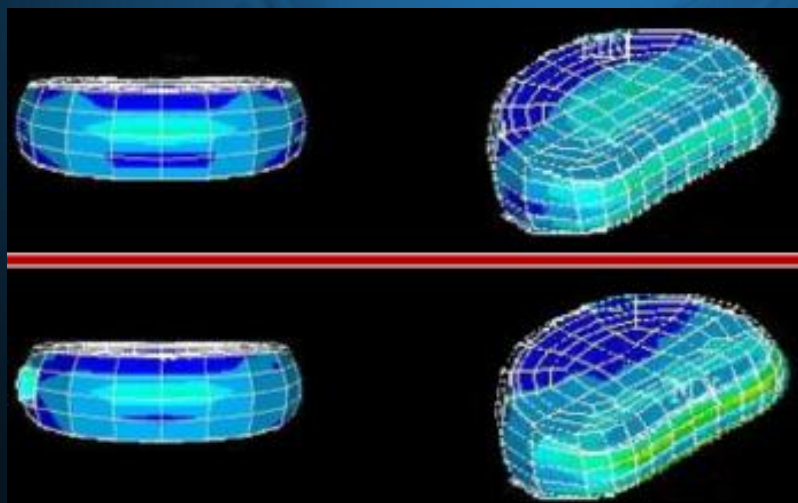
Abnormal kinematics of the FSU



A: normal disc  
B to D: degenerative changes

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

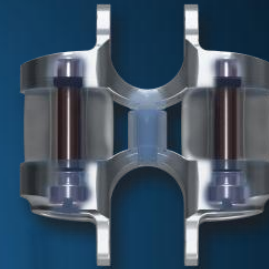
- Restoring the posterior tension band
- Reducing abnormal facet loading
- Restoring facets congruence
- Restoring foraminal height



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



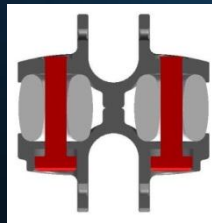
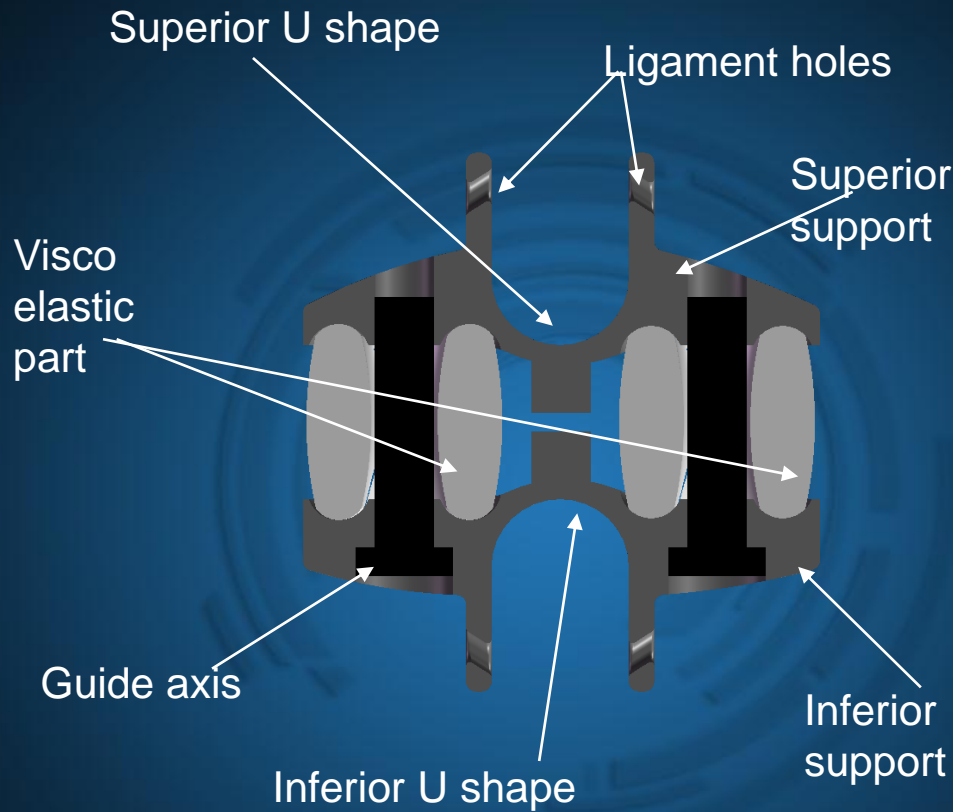
➤ Maintain physiologic kinematics of the FSU

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

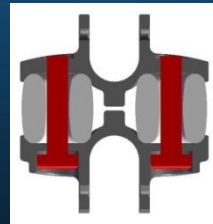
➤ Control motion

... especially in the neutral zone

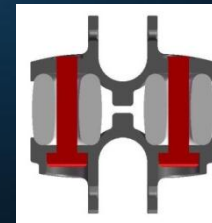
# DESIGN FEATURES



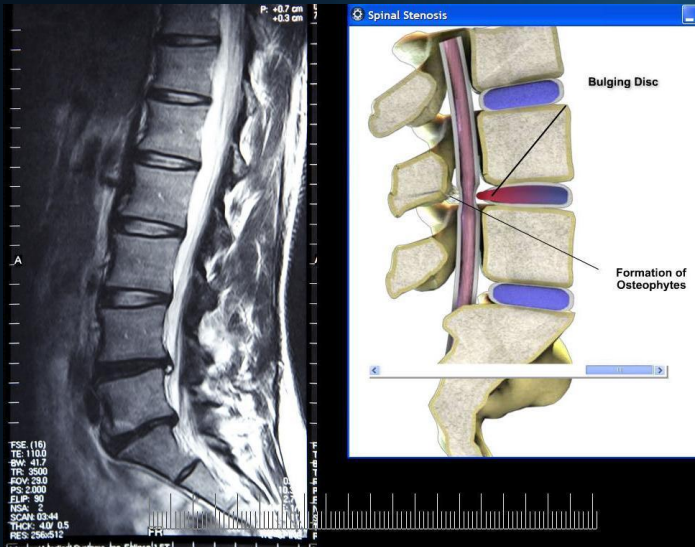
Extension



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

Welllex™

Dynamic



Adjustable



Compressible



Physiologic



UNIQUE



# DIFFERENTIATING FACTOR #1

Dynamic	Adjustable
<b>dynamic</b>	
Compressible	Physiologic

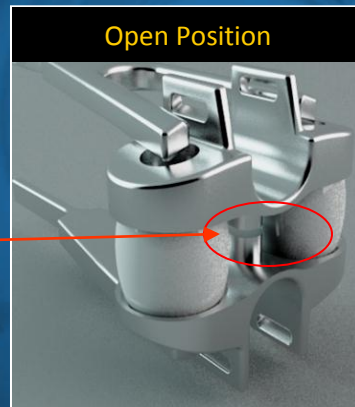
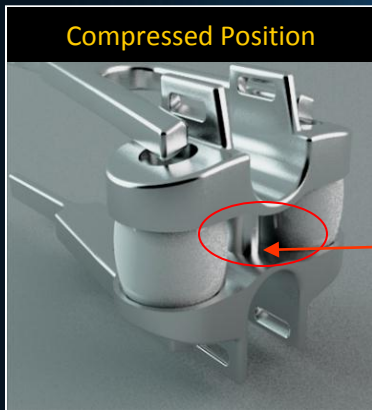


*"Controls movement dynamically in all planes and all directions  
Does not block extension, maintaining the Neutral Zone  
for better long term results"*

Flexion – Extension - Axial Rotation - Lateral Bending  
Compression

# DIFFERENTIATING FACTOR #2

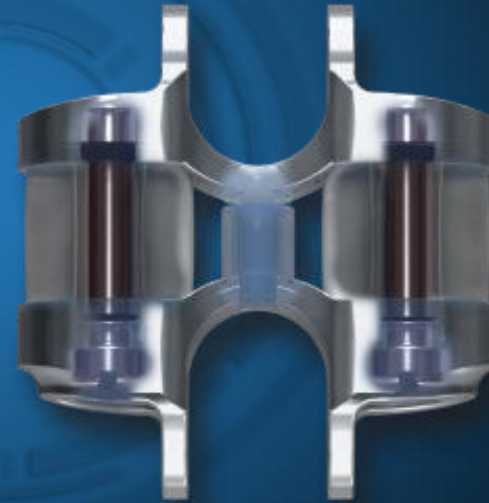
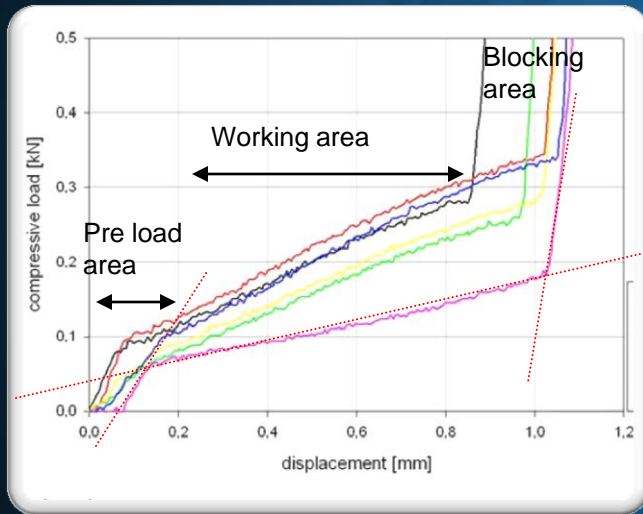
Dynamic	Adjustable
<b>compressible</b>	
Compressible	Physiologic



*"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
<b>physiologic</b>	
Compressible	Physiologic



*"Viscoelastic material allows for physiological nonlinear motion"*

# DIFFERENTIATING FACTOR #4

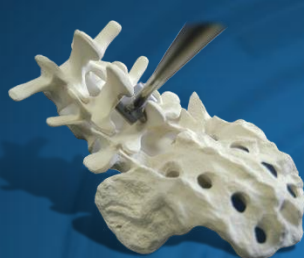
Dynamic	Adjustable
Compressible	Physiologic

**adjustable**

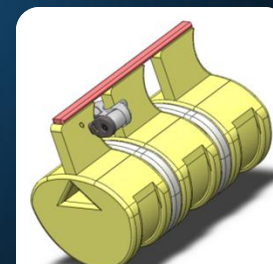
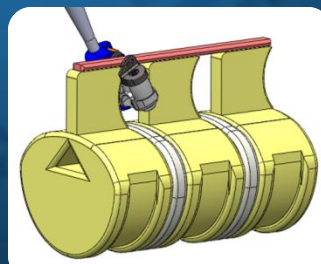
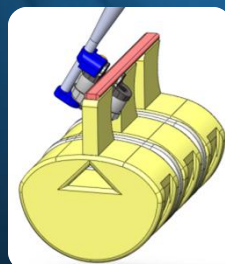


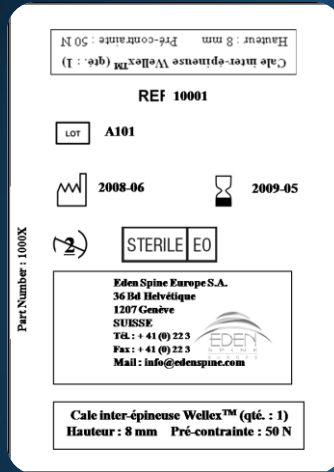
*Personalized to patient physical characteristics*  
*Surgeon has 2 stiffness options intra-operatively*

- Option 1: Top Loading Insertion with optional ligament



- Option 2: Lateral Insertion (2011)

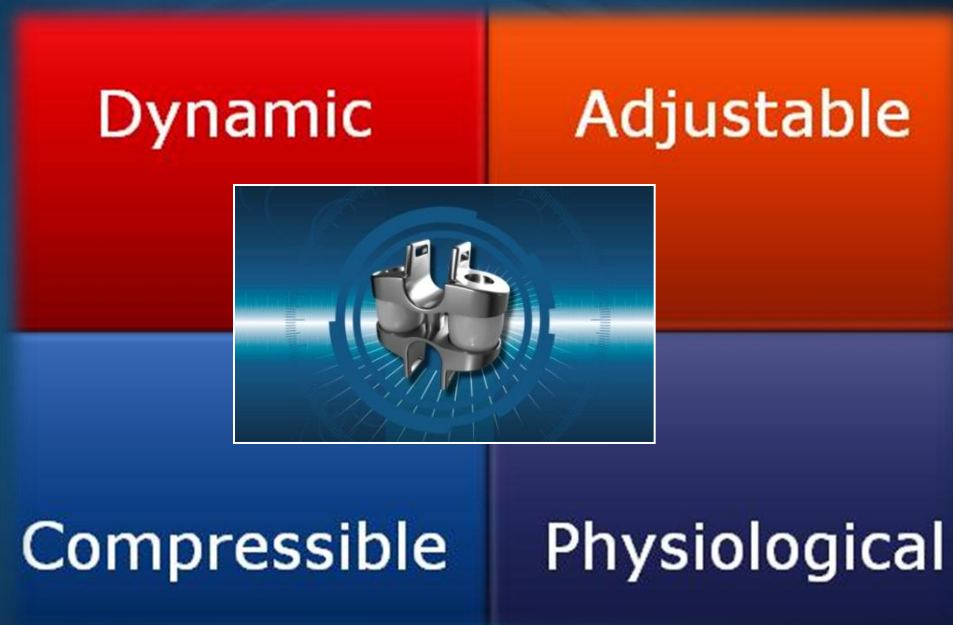




All WELLEX implants are delivered in sterile packages, under double blister pack, with sterilization control stickers, maximizing patient safety.

\* Currently for International use only.

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.