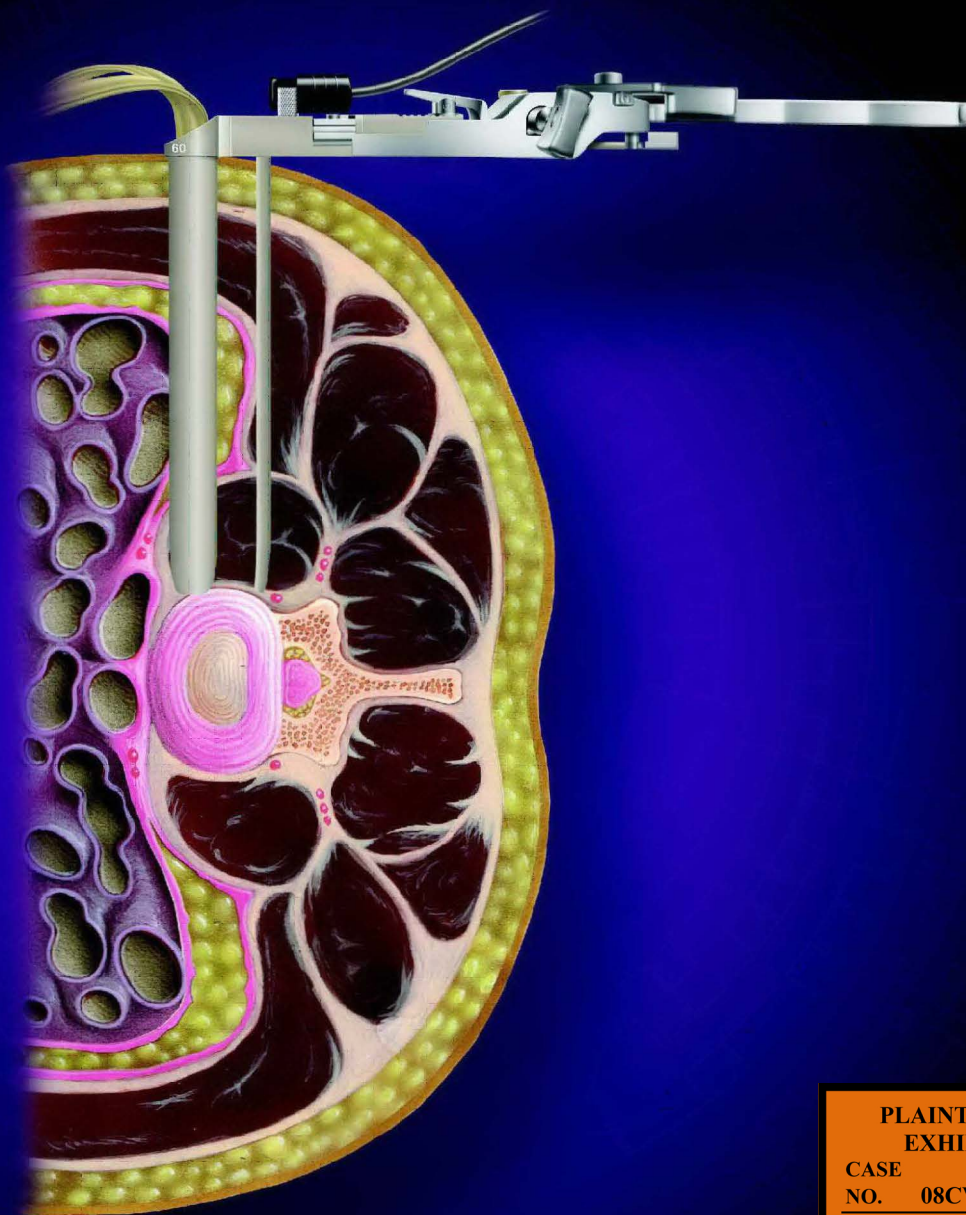


# XLIF®

S U R G I C A L T E C H N I Q U E

# MAXCESS® II



PLAINTIFF'S  
EXHIBIT

CASE

NO. 08CV 01512

EXHIBIT

NO. PX1698

**NUVASIVE®**  
Creative Spine Technology®

N0000001

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N0000002

## PREFACE

**Luiz Pimenta, M.D.**

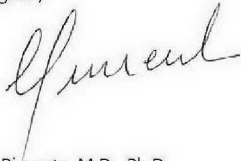
Until now, widespread acceptance of minimally invasive techniques has evaded spine surgery. One reason for this is the inherent difficulties new technologies (endoscopes, optical trocars, CO<sub>2</sub>) typically introduce while attempting to achieve the same surgical objectives as conventional surgery. This becomes a major obstacle for surgeons when trying to adopt these techniques.

The MaXcess® System provides maximum surgical access while minimizing the soft tissue disruption that often occurs during open surgery. The MaXcess System allows the fundamentals of conventional surgical techniques while eliminating the unfamiliar requirements of operating coaxially through tubular portals. Additionally, since there are no necessary adjunctive visualization tools (e.g., endoscope), the MaXcess System enables direct visualization of the patient's anatomy through conventional methods.

This guide describes the XLIF® technique that utilizes a direct lateral, retroperitoneal approach to access the intervertebral disc without muscular disruption or trauma to nearby structures.

As we strive to decrease patient morbidity, we should require that these new minimally invasive techniques do not undermine surgical fundamentals that have served us well.

Obrigado,



Luiz Pimenta, M.D., Ph.D.  
Hospital Santa Rita  
São Paulo, Brazil

## XLIF® INSTRUMENT SYSTEM

**KERRISONS** - 3.5mm x 40"



**BROACHES** - 6, 8, 10, 12, 14mm x 18mm



**SIZERS** - 7 - 14mm



**T-HANDLE**



**NERVE  
RETRACTOR**



**BIPOLAR FORCEPS-  
ANGLED**



**BIPOLAR FORCEPS CABLE**



**COBB ELEVATOR**



**PENFIELD - LARGE**



**IMPLANT TAMP**



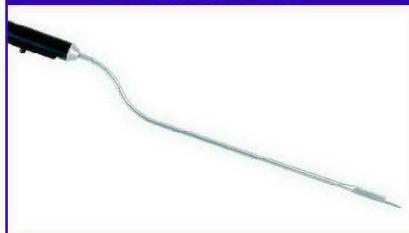
**SUCTION NERVE RETRACTOR**



**SUCTION** - 8, 10 FR



**ANNULOTOMY KNIFE**



**XLIF DISTRACTOR**





## GENERAL INSTRUMENT SYSTEM

DISTRACTORS - 20° BEND, PEDICLE SCREW, STRAIGHT OFFSET



LAMINA SPREADER



PITUITARY RONGEURS - STRAIGHT, UP



SCRAPER - STRAIGHT, 7mm



CHISELS - STRAIGHT 7, 12mm - ANGLED 7mm



CURETTES - STRAIGHT, LEFT, RIGHT, DOWN, UP



DISC CUTTERS - 8, 10mm



NERVE RETRACTOR



DISSECTORS - 4, 7mm



RASPS - STRAIGHT, ANGLED



SLAP HAMMER





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