

# 퇴행성 요추간판 질환의 수술적 치료

## Surgical Treatment of Degenerative Lumbar Disc Disease

5

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5%

80%

(1).

(2) 가

20 ~ 40%

가

가

(Discogenic)

가 40%

(3).

### Abstract

Low back pain is an extremely common symptom. Approximately 80% of the general population experience a memorable episode of back pain in their lives. The patients suffering from chronic low back pain have a poor prognosis, with only 20~40% of them improve with multiple treatment trials. Chronic low back pain has various underlying causes, and about 40% are discogenic. The vast majority of patients are treated successfully with nonsteroidal anti - inflammatory medications and physical therapy. However, the number of the minority of patients who fail to respond to these conservative measures is still substantial. When conservative managements fail after a period of months, surgical treatment options should be considered.

Keywords : Degenerative disc disease;

Indication of surgery;

Surgical treatment

: ; ;

(4).

( 1)

20

가



1. 4~5

가

가

(5).

Sinuvertebral nerve

가

가

가

(6).

2/3

가

(7).

(5).

가 , , (facet joint), , .

(foot drop)

가 , , 3 .

4 .

Davis MRI 900 89% 4% (8), 96% 2% .

가 .

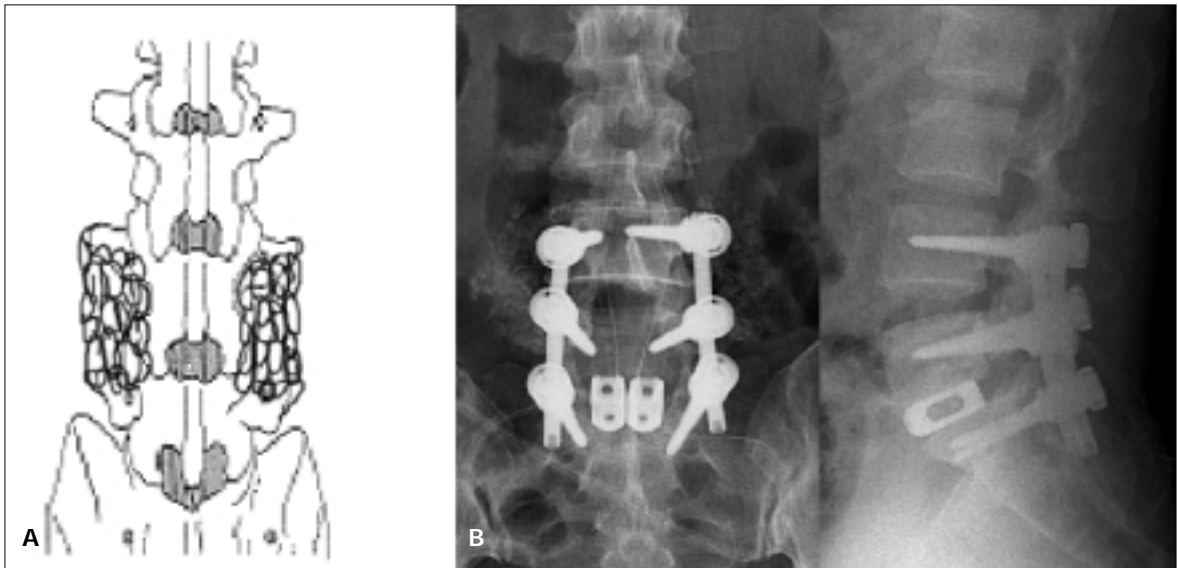
(Cauda equina syndrome) 4 .

(Epidural block) .

(Lamina) (Ligament flavum) 가 , .



Ligament flavum preserving microdisectomy( 2)



3. 4~5

-  
4~5 ~ 1

(A), 4~5

5 ~ 1  
(B)

( 3) 1945 Cloward가

(9)

## Conventional Fusion Procedures

Titanium cage

(Transpedicle screw fixation)

(Posterior lumbar interbody fusion),

(Posterolateral fusion),

(Anterior lumbar interbody fusion)

(Global fusion)

가 solid fixa-

tion

가

cage

가

- ( 3)

(10)

가

가

가

IDET

Case control study가

가

Artificial Disc Replacement

가

가

IDET(Intradiscal Electrothermal Annuloplasty)

IDET

가

(11) 1998 Dr. Saal

(12).

가

8 cm

C

가

IDET

가

85~90

가 . 가

가 가

1980 SB Charite가  
 1990 Prodisc가  
 가 가 (13).

1, 2

30 ~ 50

가 50%

(14).

가

가

70 ~ 80%

(15),

(16).

가

1997

가

700

가

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