

// ( )  
// , ,

## Novabone

## cage

\*

( Interbody cage) :

Novabone Solis

Novabone Solis

(% / ) (% / ) Novabone Solis  
(% / ) (% / ) level / level  
/ level  
% / % level % / level  
cage :

Novabone

Novabone

Novabone :

( ) ( ) (Interbody Cage)  
( ) ( )  
( )

Novabone

cage

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( )

( ) PEEK

Stryker

Solis

Novabone

( )

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( )

Bone Morphogenic protein ( )

) Triosite ( ) (Recombinant-BMP-2)

( ) (

Novabone

Medline Alta vista Google Pub med

level

Novabone

( )

brace

bioactive glass Novabone

( )

MRI

( )

MRI

cage

Novabone

MRI

Novabone  
(% / )

Solis

(% / )

Novabone

) PEEK

Stryker

Solis

Novabone

level	level
(SD ± )	(SD± )
/ ± /	/ ± / ( )
/ ± /	/ ± / ( )

level

(% / )

(% / )

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lucency

:

alignment  
( ) subsidence

Novabone

cage

/

(% / )

level

(% / ) level

(% / )

(% / )

level

(% / )

MRI

C<sub>5</sub> C<sub>6</sub>

(% / )

( )

C<sub>4</sub> C<sub>5</sub> (% / )

C<sub>6</sub> C<sub>7</sub>

(% / )

C<sub>3</sub> C<sub>4</sub> (% / )

cage

/

/

subsidence

(% / )

( )

(% / )

level

Novabone

level

level

level	level	level	level	level	level
/	/	/	/	/	( )
/	/	/	/	/	( )

Novabone

( )

ACDF

subsidence

( )

Hacker

( )

% /

ACDF

( )

/  
 % / level Bartel  
 % / subsidence  
 % / level Kao ( )  
 ( ) % cage  
 ACDF Barsa ( )  
 Hacker ( ) %  
 ( ) Hacker  
 Hacker ACDF cage  
 ( )  
 )  
 cage ( ) ( ) Hacker (end plate  
 Novabone ( distraction  
 cage  
 ( )  
 cage level % / level  
 Hacker % / %  
 Campbell ACDF  
 ( ) ( ) % Wilson  
 ( ) ( ) Hacker Martin  
 % ACDF  
 Hacker ( )  
 cage % / level ACDF  
 (Hacker HA-BAK/C , BAK/C)  
 cage Solis % / level  
 ( ) % /  
 cage Kulkarmi  
 ( ) Solis sage  
 cage Matge Schroder ( )  
 ( ) ( ) %  
 cage Hacker Hacker

(% / ) % / .( )

Matge) Hacker  
% cage cage :  
MRI .( ) cage ( )  
Novabone

( )  
(osteoinductive)  
( ) (osteoconductive)  
(TCA)  
% / .( )  
Novabone  
( )

(PLL)  
% /  
ACDF Yang  
case series Solis % /  
( ) % /  
(RCT) cage  
( ) % /

( end plate )  
Novabone  
Novabone

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