

# ABC2 Anterior Cervical Plating System

Dynamic, Self-locking, Self-drilling



Aesculap Spine

**AESCULAP**  
Implant Systems



# ABC2 Anterior Cervical Plating System

## The Pioneer of Dynamic Plating

### Features and Benefits

- The self-locking, self-drilling screw reduces surgical steps.
- Proven clinical history with over 20,000 patients and more than 40,000 levels fused in the US alone.
- Most complete cervical plating system on the market; offering the following components:
  - Unicortical and Bicortical Screws
  - Broadest Plate Range (20 mm, 4-hole to 115 mm, 12-hole)
  - Extension Plate (E-Plate)
- Proven success you've come to trust is now easier with one-step screw insertion.
- All screws feature ABC2's unique spring-activated, self-locking mechanism.
- Self-Drilling Tip
- 4.0 mm Unicortical Screw (self-locking, self-drilling)
- 4.5 mm Rescue Screw (self-locking)



Unlocked Screw



Locked Screw

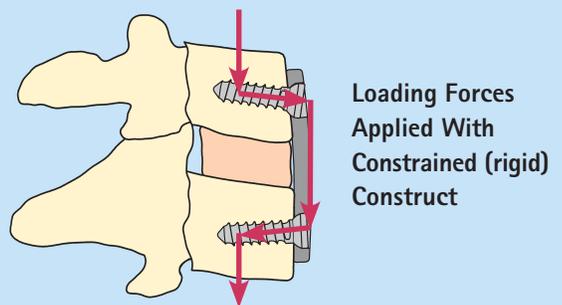
### Dynamic Load Sharing Principle

- The principles of dynamic load sharing were pioneered over 5 years ago with the launch of ABC.
  - Traditional plating systems stress shielded the graft site, thereby preventing continuous contact between the endplates and the graft during graft incorporation<sup>1</sup> (fig. 1)
  - ABC's dynamic loading capabilities provided a means for continuous graft loading, which has been shown to facilitate earlier and more substantial graft incorporation<sup>2</sup> (fig 2)

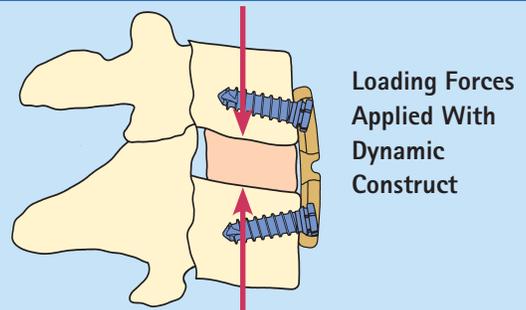
<sup>1</sup>Wolff's Law: Every change in the function of a bone is followed by the definite changes in its internal architecture and secondary alterations in its external conformation.

<sup>2</sup>References on file at Aesculap, Inc.

### Stress Shielding



### Load Sharing



# ABC2 Anterior Cervical Plating System

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## Plates

Item No. | Length

### 1-level

FJ748T	20 mm
FJ749T	22 mm
FJ750T	24 mm
FT751T	26 mm
FJ752T	28 mm
FJ753T	30 mm
FJ754T	32 mm



Item No. | Length

### 4-level

FJ776T	67 mm
FJ777T	70 mm
FJ778T	73 mm
FJ779T	76 mm
FJ780T	79 mm
FJ781T	82 mm
FJ782T	85 mm



Item No. | Length

### 2-level

FJ755T	34 mm
FJ758T	37 mm
FJ759T	40 mm
FJ760T	43 mm
FJ761T	46 mm
FJ762T	49 mm
FJ763T	52 mm
FJ764T	55 mm
FJ765T	58 mm



Item No. | Length

### 5-level

FJ783T	82 mm
FJ784T	85 mm
FJ785T	88 mm
FJ786T	91 mm
FJ787T	94 mm
FJ788T	97 mm
FJ789T	100 mm
FJ740T	103 mm



Item No. | Length

### 3-level

FJ768T	49 mm
FJ769T	52 mm
FJ770T	55 mm
FJ771T	58 mm
FJ772T	61 mm
FJ773T	64 mm
FJ774T	67 mm



Item No. | Length

### Corpectomy

FJ741T	106 mm
FJ742T	109 mm
FJ743T	112 mm
FJ744T	115 mm

## Screws

Item No. | Thread Length

### Unicortical, 4.0 mm

FJ930T	10 mm
FJ931T	12 mm
FJ932T	14 mm
FJ933T	16 mm
FJ934T	18 mm



Item No. | Thread Length

### Rescue, 4.5 mm

FJ941T	13 mm
FJ942T	15 mm
FJ943T	17 mm



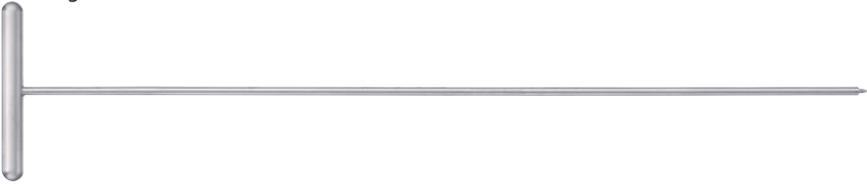
## Instruments

Item No.	Description
FJ826R	<p>Plate Bender</p> 
FJ913R	<p>Bone Awl for Cortical Bone</p> 
FJ840R	<p>2.7 mm Drill Bit</p> 
FJ839R	<p>Hand Twist Drill</p> 
FJ822R	<p>Single Drill Guide (Variable, Calibrated)</p> 
FJ823R	<p>Double Drill Guide (Variable, Calibrated)</p> 

# ABC2 Anterior Cervical Plating System

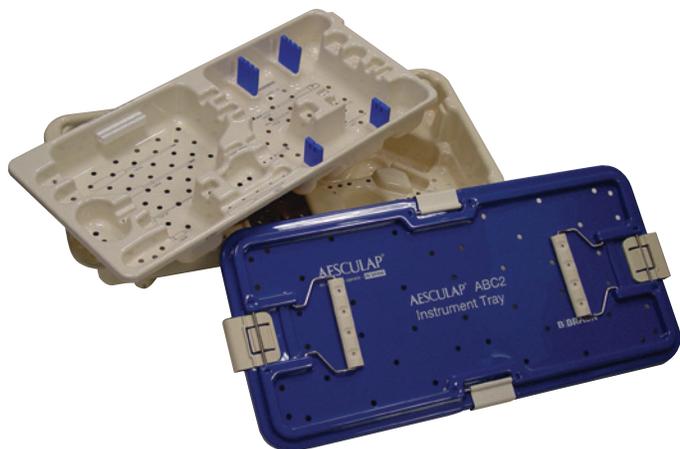
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## Instruments

Item No.	Description
FJ834R	14 mm Fixed Double Drill Guide 
FJ910R	Screwdriver 
FJ821R	Screw Holding Sheath 
FJ911R	Locking Assistance Tool 
FJ833R	Temporary Fixation Pin 
FJ835R	Insertor/Extractor for Temporary Fixation Pins 
FJ912R	Free Spinning Screw Extraction Device 

## Trays

Item No.	Description
MC892	ABC2 Standard Instrument Tray
MC893	ABC2 Standard Instrument Tray Lid



Item No.	Description
MC901	ABC2 Extended Plate Caddy Lid
MC902	ABC2 Extended Plate Caddy



Item No.	Description
MC894	ABC2 Standard Screw Caddy
MC895	ABC2 Standard Screw Caddy Lid
MC896	ABC2 Standard Plate Tray
MC897	ABC2 Standard Plate Tray Lid
MC898	ABC2 Plate and Screw Tray
MC899	ABC2 Plate and Screw Tray Lid



Item No.	Description
MC862	ABC Bicortical Screw Rack
MC863	ABC Bicortical Screw Rack Lid
MC864	ABC Bicortical Instrument Tray
MC865	ABC Bicortical Instrument Tray Lid



# ABC2 E-Plate

## Taking Cervical Fusion to the Next Level

### Features and Benefits

- Unique only to Aesculap, the ABC2 E-Plate offers an intelligent solution for addressing adjacent segment disease.
- The cranial and caudal plates allow for either one or two level extensions.
- The ABC2 incorporates the same dynamic load sharing technology you've come to trust with ABC.



The ABC2 Cervical Plating System, which includes the E-Plate, is intended for the treatment of cervical spine instability resulting from:

- Degenerative disc disease
- Trauma
- Post-traumatic kyphosis or lordosis
- Tumors
- Re-operation for failed previous fusions

*Levels of anterior cervical intervertebral body screw fixation for these indications are from C2 to T1.*

### Instruments

#### Cranial Plates (colored blue):

The implants consist of specialized bone plates and screws which are identical to those in the existing ABC2 System. The materials used for the implants are titanium forged alloy Ti6AL4V according to ISO 5832-3. The following plate sizes are available:

Item No.	Description
FJ860T	Cranial Extension, 10 mm
FJ861T	Cranial Extension, 12 mm
FJ862T	Cranial Extension, 14 mm



Mono-Segmental Cranial Plate (14 mm)

Item No.	Description
FJ870T	Cranial Extension, 23 mm
FJ871T	Cranial Extension, 26 mm
FJ872T	Cranial Extension, 29 mm
FJ873T	Cranial Extension, 32 mm



Bi-Segmental Cranial Plate (32 mm)

#### Caudal plates (colored gold):

The length labeled on the ABC2 E-Plate, is the length of the E-Plate when integrated with the regular ABC2 Plate.

Item No.	Description
FJ865T	Caudal Extension, 12 mm
FJ866T	Caudal Extension, 14 mm
FJ867T	Caudal Extension, 16 mm



Mono-Segmental Caudal Plate (14 mm)

Item No.	Description
FJ877T	Caudal Extension, 23 mm
FJ878T	Caudal Extension, 26 mm
FJ879T	Caudal Extension, 29 mm
FJ880T	Caudal Extension, 32 mm
FJ881T	Caudal Extension, 35 mm



Bi-Segmental Caudal Plate (35 mm)



ABC E-Plate, Cranial



ABC E-Plate, Caudal

## ABC2 E-Plate Instrumentation

Item No.	Description
FJ890R	E-Plate Holding Forceps 
FJ888R	Distraction Forceps 
FJ885R	Adaptation Forceps 
FJ886R	Cranial Insert for Adaptation Forceps 
FJ887R	Caudal Insert for Adaptation Forceps 
FJ884R	Single Drill Guide for Extension Plate, Caudal 

# ABC2 E-Plate

## Taking Cervical Fusion to the Next Level

Item No.	Description
FJ889R	Separation Forceps  A pair of stainless steel surgical forceps with long, curved handles and a locking mechanism. The tips are curved and pointed. The brand name 'DANCOLAP' and 'FJ889R' are visible on the handle.
FJ892R	Endpiece for Adaptation/Separation Forceps FJ885R, FJ889R  A small, cylindrical metal endpiece with a threaded end and a smooth, tapered tip.
FJ917R	CASPAR Vertebral Body Dissector, Flat  A long, thin metal instrument with a blue, ergonomic handle. The tip is curved and flat. The brand name 'CASPAR' is visible on the handle.
FJ826R	Plate Bender  A large, complex stainless steel instrument with multiple curved handles and a locking mechanism. It has several cylindrical openings at one end. The brand name 'DANCOLAP' and 'FJ826R' are visible on the handle.

## Order Information

Set No.	Set Description
ST0001	ABC2 Standard Implant Set
ST0084	ABC2 Standard Instrument Set
ST0226	ABC2 Long Plate Implant Set
ST0133	ABC2 Corpectomy Plate Set
ST0185	ABC2 E-Plate Set
ST0192	ABC2 Bicortical Screw Set

For additional information, contact Customer Service at 1-866-229-3002 or visit our website at [www.aesculapimplantsystems.com](http://www.aesculapimplantsystems.com).

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