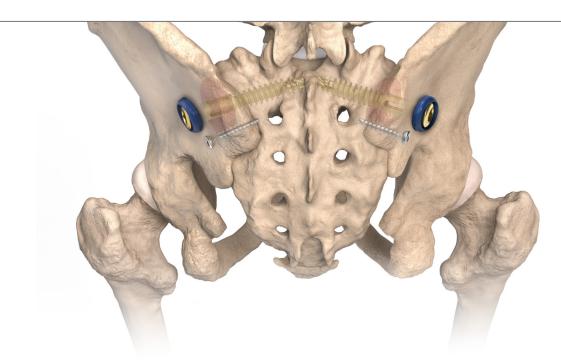
OsteoCentric® SI-Fusion

Integrity-SI® Fusion System



Featuring BladeX® and UnifiMI® Technology

BladeX[®]

BladeX allows surgeons to aggressively decorticate the SI joint - creating a massive zone for fusion to occur.





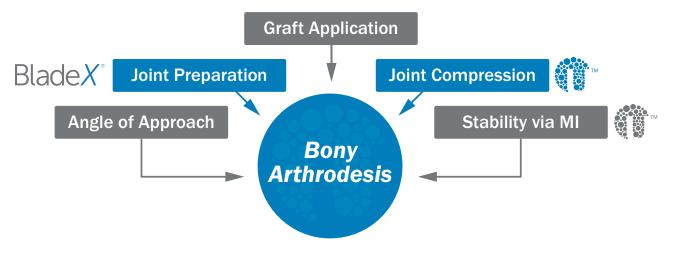




Integrity-SI Fusion Implant Cross Section

Design Rationale and System Description

The Integrity-SI Fusion System was designed utilizing time-tested clinical principles of joint fusion. Throughout design the development team focused on these five clinically accepted principles of fusing a joint space: Angle of Approach, Joint Preparation, Graft Application, Joint Compression, and Stability via Mechanical Integration. As a result, the System provides unparalleled focus on creating fusion of the SI joint.



Enhanced by Mechanical Integration

Angle of Approach

With the patient positioned in prone, a direct perpendicular approach to the SI joint space is used. Approaching the SI Joint perpendicularly (vs. obliquely, which is commonly used) in its native alignment assures a safe starting and allows precise access to the joint for decortication and compression.

Joint Preparation

BladeX® allows for the surgeon to aggressively decorticate both sides of the SI joint. This decortication creates bleeding cancellous bone on bleeding cancellous bone, a large zone within the joint for graft to be applied and fusion to occur.

Graft Application

The Integrity-SI instrumentation allows for maximum autograft or allograft to be applied to the fusion zone and within the fusion barrel of the implant. A large fusion zone spanning the joint creates the ideal fusion environment.

Joint Compression

An 8mm, 10mm, or 12mm primary implant with a variable angle compressive washer creates compression across the SI joint helping initiate the body's natural healing process.

Construct Stability via UnifiMI®

Utilizing Unifi*MI* Technology and a large compression washer, the Integrity-SI construct creates both initial and long-term stability at the bone interface on both sides of the SI Joint.

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Integrity-SI Fusion System Implant List

12mm Primary Implants



Part number	Length (mm)
202-12050 202-12055 202-12060 202-12065 202-12067 202-12070 202-12072 202-12075 202-12077	50 55 60 65 67.5 70 72.5 75
202-12080	80
202-12082	82.5
202-12085	85
202-12090	90
202-12109	95
202-12100	100
202-12105	105
202-12110	110
202-10050	50
202-10055	55
202-10060	60

10mm Primary Implants



202-10050 202-10055 202-10060 202-10065 202-10067 202-10070 202-10075 202-10077 202-10080 202-10085 202-10090 202-10095 202-10100 202-10105 202-10110	50 55 60 65 67.5 70 72.5 75 77.5 80 82.5 85 90 95 100 105 110
202-08065	65

8mm Primary Implants



Note: The 8mm Implant option has limited availability. This option is only available upon request.

202-08	065	65
202-08	067	67.5
202-08	070	70
202-08	072	72.5
202-08	075	75
202-08	077	77.5
202-08	080	80

Optional 6.5mm Secondary Implant

Note: The 6.5mm Secondary Implant can only be used in conjunction with a primary 8mm, 10mm, or 12mm Implant.



202-65030	30
202-65035	35
202-65040	40
202-65045	45
202-65050	50

Integrity-SI® Fusion System Instrument List

BladeX® MIS Decorticator	Part number 202-0001 202-0002 202-82038	Description BladeX Cutter Central Shaft Blade, 38mm
Guide Wires/Pins	202-80100 202-80200 202-80300	2.0mm Guide Wire 3.2mm Guide Wire - long 3.2mm Stabilizing Guide Pin
Drills	202-80403 202-80402 202-80401 202-80404 202-80400	12mm Drill 7.5mm Drill 6.0mm Drill 5.0mm Drill 4.0mm Drill
Taps	202-1101 202-1102 202-1103 202-1104	6.5mm Tap 10mm Tap 12mm Tap 8.0mm Tap
Cannulas	202-0101	24mm Cannula
12mm Sleeve	202-0102	12mm Sleeve
Impactor	202-1001	Impactor
Dilators	202-0104 202-0105 202-0106	12mm Dilator 18mm Dilator 24mm Dilator
Depth Gauges	202-0202 202-0203	Secondary Depth Gauge Primary Depth Gauge
Graft Inserter	202-0301 202-0302	Graft Inserter Graft Inserter Ram
Hex Driver	202-0401 202-0402	Hex Driver - 7.9mm Hex Driver - 4.3mm
Removal tool	202-0501	Removal Tool
Suction Tube	202-0601	Suction Tube
2.0 Wire Guide	202-0701	2.0 Wire Guide
Handles and Tray	202-0801 2004-0009 202-90000 202-90104	Inline Ratcheting Handle T-Handle Instrument Tray Implant and Blade Tray







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