

# JONES SCREW SURGICAL TECHNIQUE GUIDE



FOC 1016 REV B

# JONES SCREW SURGICAL TECHNIQUE GUIDE



## **FEATURES & BENEFITS**

- SCREW DESIGN Titanium solid core, available in 4.5mm & 5.5mm diameters
- AGGRESSIVE SCREW TIP Self-drilling and self-tapping flutes for smooth insertion even in dense cortical bone
- THREADS 50% thread length and 33% thread length options
- READY-FOR-SURGERY<sup>™</sup> All screws are individually sterile packaged to reduce the potential of infection

Indication For Use: The Flower Small and Medium Implants set is intended for use for internal fixation of fractures and reconstruction of bones, including the scapula, olecranon, humerus, radius, ulna, pelvis, distal tibia, fibula, hand and foot in adults and for long bones in adolescents.





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The Flower Jones Screw utilizes a cannulated surgical technique to allow for proper placement and measurement of the final, solid core, Flower Jones Screw.

### STEP 1:

Reposition the bone fragments into anatomic alignment.

### STEP 2:

Once the fragments are in position, insert a 1.1mm Guide Wire (found in GWK 200) from the base of the 5th metatarsal. Verify position under fluoroscopy.

## **ADDITIONAL GUIDE WIRES:**

1.25mm (GWK 125) are provided in the cube. These guide wires may be used if the 1.1mm guide wire provided in the GWK 200 is not stiff enough.





# JONES SCREW PROCEDURE GUIDE

### **STEP 3:**

Place the Cannulated Depth Gauge, found in GWK 200, over the Guide Wire to measure the screw length.



#### STEP 4:

Drill over the guide wire using a cannulated drill bit.

- Use CDB 030 for 4.5mm Flower Jones Screws
- Use CDB 040 for 5.5mm Flower Jones Screws





### **STEP 5(Optional):**

Tap the drilled hole using the appropriate cannulated tap.

- Use FJS 945 for 4.5mm Flower Jones Screws
- Use FJS 955 for 5.5mm Flower Jones Screws



#### **STEP 6:**

Remove the guide wire.

#### **STEP 7:**

Insert the Jones Screw.





### Jones Screw Cube Configuration

#### **Jones Screws**

#### 4.5MM PARTIALLY THREADED (FJS 530-FJS 580)

LENGTH	QUANTITY
30mm	2
35mm	2
40mm	2
45mm	2
50mm	2
55mm	2
60mm	2
65mm	2
70mm	2
75mm	2
80mm	2

#### 4.5MM SHORT THREAD (FJS 136-FJS 165)

LENGTH	QUANTITY
36mm	2
38mm	2
40mm	2
42mm	2
44mm	2
46mm	2
48mm	2
50mm	2
55mm	2
60mm	2
65mm	2

#### 5.5MM PARTIALLY THREADED (FJS 630-FJS 680)

LENGTH	QUANTITY
30mm	2
35mm	2
40mm	2
45mm	2
50mm	2
55mm	2
60mm	2
65mm	2
70mm	2
75mm	2
80mm	2

#### 5.5MM SHORT THREAD (FJS 236-FJS 265)

LENGTH	QUANTITY
36mm	2
38mm	2
40mm	2
42mm	2
44mm	2
46mm	2
48mm	2
50mm	2
55mm	2
60mm	2
65mm	2

#### Instruments

PRODUCT NO.	INSTRUMENTS	QUANTITY
GWK 200	Guide Wire Kit, 3.0/3.5/4.0/4.5	2
FIM 015	Power Driver G-Wire Kit, 3.0/4.0/3.5/4.5mm screws	1
CDB 030	3.0mm Cannulated Drill Bit for 4.5mm screws	2
CDB 040	4.0mm Cannulated Drill Bit	2
GWK 111	Guide Wires, 1.1mm x 160mm (2)	1
GWK 125	Guide Wires, 1.25mm x 160mm (2)	2
FJS 945	Jones Screw Tap, 4.5mm	1
FJS 955	Jones Screw Tap, 5.5mm	1
RMD 200	T15 Screwdriver	1



# HOW DOES FLOWER ORTHOPEDICS BUILD A MORE EFFICIENT CASE?

# Introducing the FlowerCube...



<sup>1</sup> Data on file at Flower Orthopedics.

approved, prospective, mult-center clinical trial ● Evaluating arthrodesis of first MPJ ● /1 patients at both hospital and ASC locatio ● Primary Outcome Measure - Fusion rate 12 weeks post surgery ● Secondary Outcome Measure - Cost & Time Efficiency



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