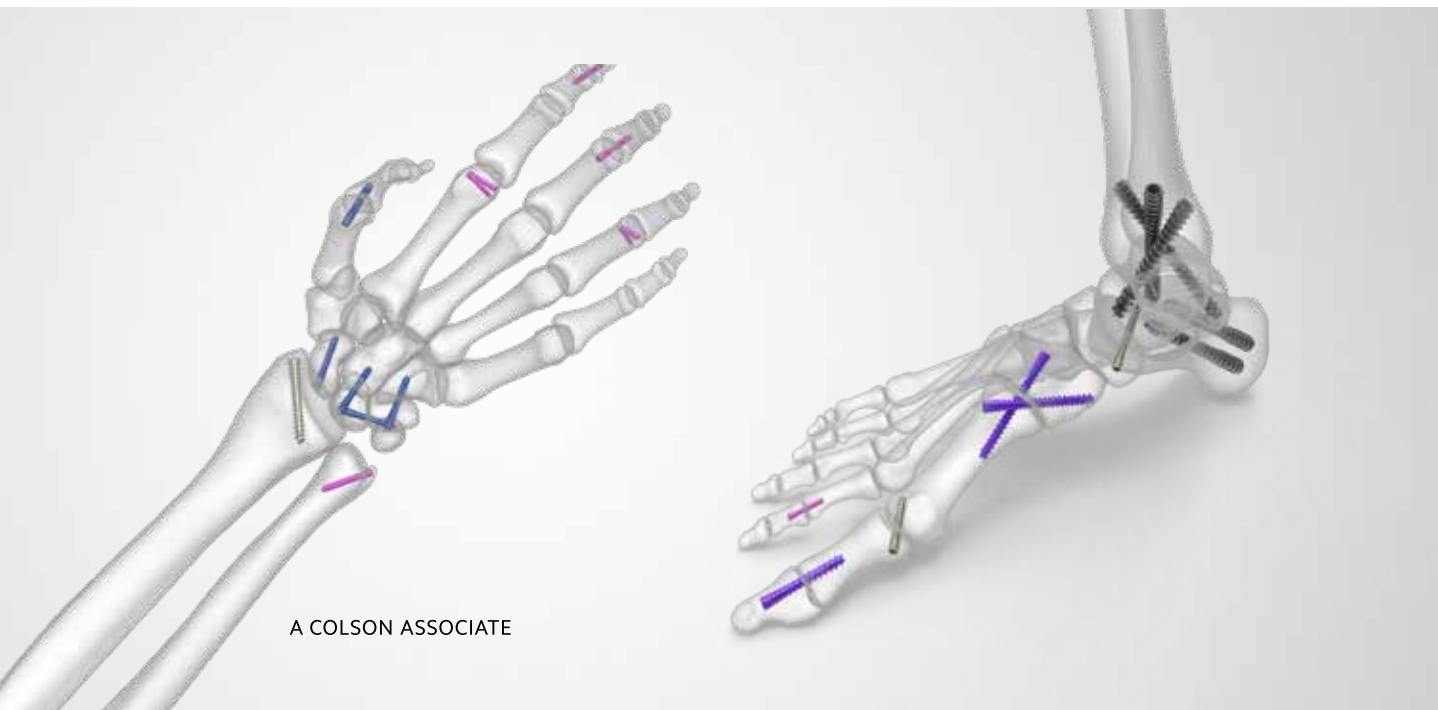




Acutrak 2® Headless Compression Screw System

Product Overview

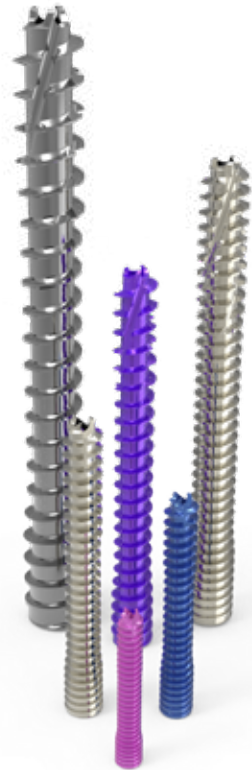


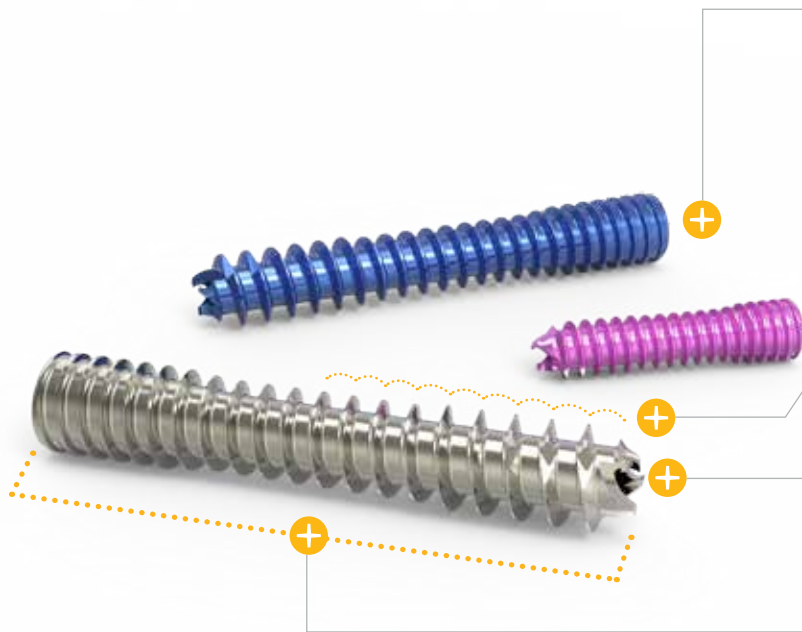
A COLSON ASSOCIATE

Acumed Acutrak 2® Headless Compression Screw System

Since its introduction in 1994, Acutrak® Headless Compression Screw technology has revolutionized the way surgeons treat fractures, fusions, and osteotomies. The Acutrak 2 is the next generation in fully threaded headless fixation, offering larger guide wires, larger hex drivers, and a tapered end. Long-term surgeon feedback has helped develop this continuously variable fully threaded headless implant with instrumentation designed to simplify the surgical technique.

The Acutrak 2 family is composed of 68 unique screw size options to fit a wide variety of applications throughout the body, from 2.5 mm x 8 mm up to 7.5 mm x 120 mm. More than 1.7 million Acutrak family screws have been implanted since 1994, supported by more than 100 publications, including clinical and biomechanical studies.





Headless Design

Allows the screws to be implanted subchondral in and around articular regions with minimal risk of impingement or soft tissue irritation

Continuously Variable Thread Pitch

This screw design provides greater compression and a larger window of compression compared to partially threaded Herbert-style screw designs.¹ In addition, this feature allows a fracture or osteotomy site to lie almost anywhere along the length of the screw.

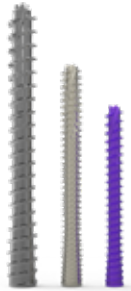
Self-Cutting and Self-Tapping




Cutting flutes on the screw's distal tip are designed to facilitate insertion in hard bone.

Fully Threaded Length



Biomechanical studies have shown that fully-threaded screws better handle cyclic loading compared to AO and Herbert screws in cadaveric and synthetic bone material.¹

1. Wheeler DL, McLoughlin SW. Biomechanical assessment of compression screws. *Clin Orthop Relat Res.* 1998;350:237-245.



	Acutrak 2® Large	Tip	Tail	Length	K-wire
	4.7 mm	4.5 mm	4.7 mm	2 mm increments 20–30 mm 5 mm increments 30–50 mm	.062"
	5.5 mm	5.2 mm	5.5 mm	5 mm increments 25–60 mm	.062"
	7.5 mm	7.0 mm	7.5 mm	5 mm increments 40–120 mm	.094"



	Acutrak 2 [®] Small	Tip	Tail	Length	K-wire
	Micro	2.5 mm	2.8 mm	1 mm increments 8–14 mm 2 mm increments 14–30 mm	.035"
	Mini	3.5 mm	3.6 mm	2 mm increments 16–30 mm	.045"
	Standard	4.0 mm	4.1 mm	2 mm increments 16–34 mm	.054"



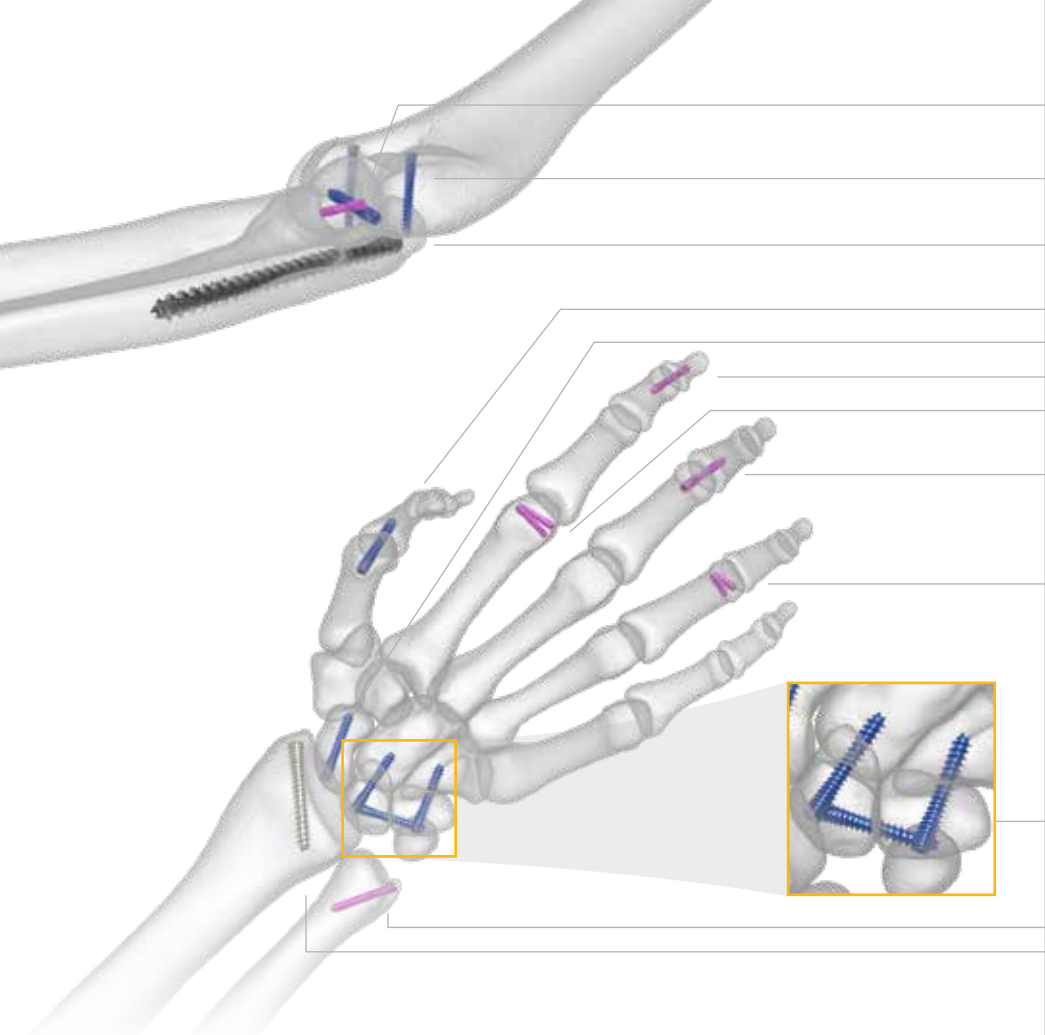
Dorsal view of scaphoid fracture,
using Acutrak 2® Standard



Dorsal view of a radial styloid
fracture and scaphocapitate fusion,
using Acutrak 2 Standard and Mini



Dorsal view of four-corner fusions,
using Acutrak 2 Mini



Radial Head Fixation

Capitellum Fixation

Olecranon Fracture

MCP Fusion

Scaphoid Fracture/Nonunion

DIP Fusion

Metacarpal Head Fracture

PIP Fusion

Phalangeal Fracture

Four-corner Fusion

Ulnar Styloid Fracture
Radial Styloid Fracture

Dorsal Scaphoid
Surgical
Technique

**Approach and
Needle Insertion**



**Fracture
Stabilization**



Determine Screw Length



Advance Guide Wire



Drill Near Cortex



Drill Far Fragment



Screw Insertion

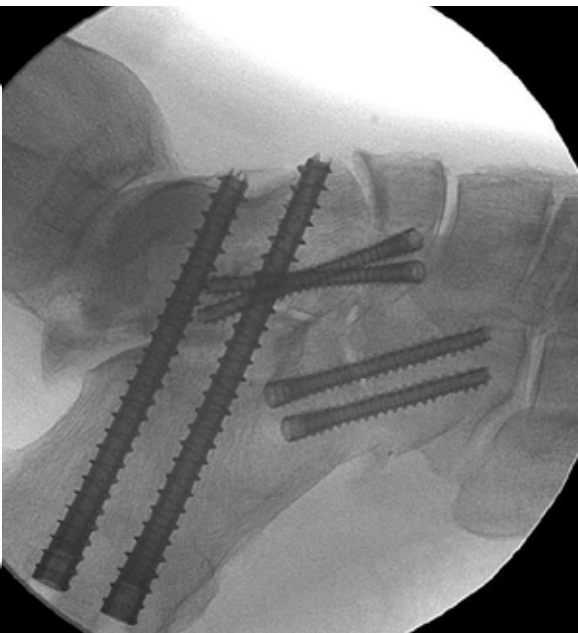




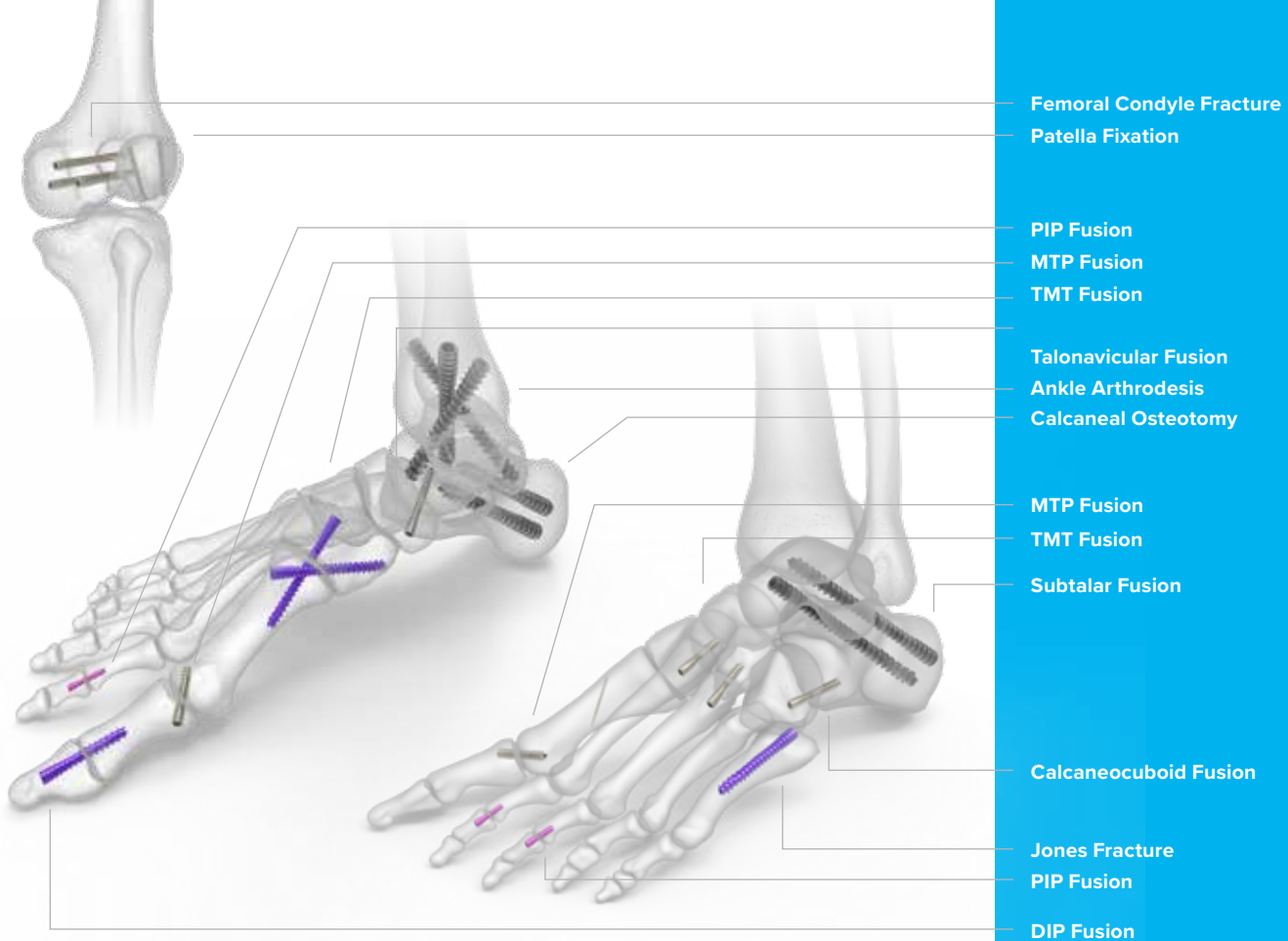
Anterior view of a Medial Malleolus fracture using Acutrak 2—4.7 mm



Dorsolateral view of a Jones Fracture using Acutrak 2—5.5 mm



Lateral view of a Triple Arthrodesis using Acutrak 2—7.5 mm and Acutrak 2—4.7 mm



**Subtalar Fusion
Surgical
Technique**

**Approach and
Joint Preparation**



**Reduction and
Fusion Stabilization**



**Determine Screw Length
and Advance Guide Wire**



Drill Far Fragment



Drill the Near Cortex



Screw Insertion







Our mission is to aid the afflicted through the ingenuity of our minds, the labor of our hands, and the compassion of our hearts.



Acumed Headquarters
5885 NE Cornelius Pass Road
Hillsboro, OR 97124

Office: +1.888.627.9957
Office: +1.503.627.9957
Fax: +1.503.520.9618
www.acumed.net

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