



McGinley Orthopedics is a physician led company which strives to integrate HandHeld Robotics into common orthopedic procedures. Device engineering and development focuses on improving patient safety while reducing medical costs. Integrated medical technology will increase technical confidence and efficiency, resulting in improved patient outcomes.

Headquarters

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Manufacturing

585 E. Birch Street
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THE McGINLEY DIFFERENCE

Let McGinley Orthopedics' knowledgeable sales team assist you in bringing the latest in IntelliSense® HandHeld Robotics to your facility.

Our experienced team provides assistance with:

- ◆ Purchasing & Inventory Management
- ◆ Initial Setup
- ◆ On-site Training
- ◆ Operating Room Support
- ◆ Marketing & Press Kit
- ◆ Customer Support

"The IntelliSense Drill represents a quantum leap in drill and depth measurement."

-Orthopedic Surgeon, Philadelphia, PA

IntelliSense® HandHeld Robotics

REAL TIME DEPTH MEASUREMENT

AUTO-STOP TECHNOLOGY

EDGE DETECTION

IN-SIGHT SURGICAL LIGHTING®

Featuring multiple modes of drilling and options:



Enables compatibility with any screw/plate system



EXPERIENCE THE BENEFITS OF INTELLISENSE®

FEATURES	BENEFITS
REAL TIME DEPTH MEASUREMENT	Eliminates the need for a depth gauge, displays the depth of holes instantaneously
AUTO-STOP TECHNOLOGY	In Bicortical mode, drill bit rotation stops when it passes through the far bony cortex; Auto-stops at a designated location
EDGE DETECTION	Alerts surgeon when passing through any bony cortex; Signals dense bone/unicortical breach
IN-SIGHT SURGICAL LIGHTING®	Directly illuminates the surgical field using integrated LED lights
TOUCHSCREEN CONTROLLER	Displays measurements, stores hole depths, and allows surgeons to change modes & options
DRILLING MODES	Select different modes: Bicortical, Freehand, Set Depth, and Multicortex
STORAGE OF MEASUREMENTS	Stores multiple hole depths on the touch screen
ERGONOMIC DESIGN	Features a comfortable handle and balanced weight distribution
FREEHAND OPTION	Disables IntelliSense® Technology creating a conventional drill; Ideal for education and training of residents

INTELLISENSE[®] HANDHELD ROBOTICS



Sensor technology continuously monitors the drilling process, drill bit location and depth

 Bicortical

30.7 mm Hole Depth

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16

Bit Size 2.0 mm

 0.0 mm

Resume



On

Safety Stop 0.0 mm



The overall savings of IntelliSense® HandHeld Robotics in your OR may be considerable. The potential savings = **\$1850⁰⁰ PER SURGERY**

POTENTIAL PER SURGERY SAVINGS	
DEPTH MEASUREMENT	\$620
WASTED SCREWS	\$120
REPLACING SCREWS	\$370
FLUOROSCOPY/IMAGING TIME	\$496
LIABILITY RISK	\$244
SAVINGS TOTAL	\$1,850

Note: These calculations are based on the following general assumptions based on an average across total orthopedic surgeries. References and calculations available upon request. 1) An average of \$62/minute in operating room (OR) time, 2) An average of 10 holes drilled per surgery, 3) A conservative average of 12% in wasted screws due to incorrect size or misplacement



IntelliSense[®] HandHeld Robotics Universal Chuck Set

**UNIVERSAL
KEYED CHUCK FOR
INTELLISENSE DRILL**



**UNIVERSAL
KEYLESS CHUCK FOR
INTELLISENSE DRILL**



**STANDARD AO
CHUCK FOR
INTELLISENSE DRILL**



**UNIVERSAL PIN DRIVER
FOR INTELLISENSE DRILL**



REVOLVER[®]

UNIVERSAL DRILL BIT GUIDE



Features:

- ◆ Rotating chamber adjusts to multiple drill bit diameters
- ◆ Non-slip tip provides stability on the bone
- ◆ Comfortable, ergonomic handle
- ◆ Hand placement is safely away from the drilling point

Benefits:

- ◆ Cost savings by eliminating numerous conventional guides
- ◆ Ease of inventory management and sterilization
- ◆ Reduces surgical time in locating & switching guides
- ◆ Universal use with most standard drill bits

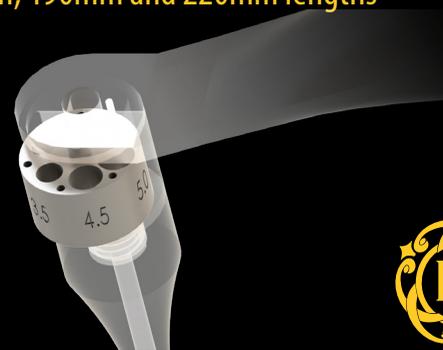
"With a turn of the chamber, I can switch drill bit sizes with ease. It saves me time and the hospital money."

-Orthopedic Surgeon, San Diego, CA

The Revolver Universal Drill Bit Guide® System revolutionizes conventional drill bit guides by replacing multiple standard guides with one 10 piece kit.

COMPONENTS:

- ◆ The Revolver: Universal Drill Bit Guide®
- ◆ Sterilization Tray
- ◆ 8 Tip Attachments
 - ◆ For Small Diameter Bits (1.0mm-2.5mm) in 130mm, 160mm, 190mm and 220mm lengths
 - ◆ For Large Diameter Bits (2.6mm-5.0mm) in 130mm, 160mm, 190mm and 220mm lengths



LEVER ACTION

PLATE SYSTEM™

FOR DISTAL RADIUS FRACTURES

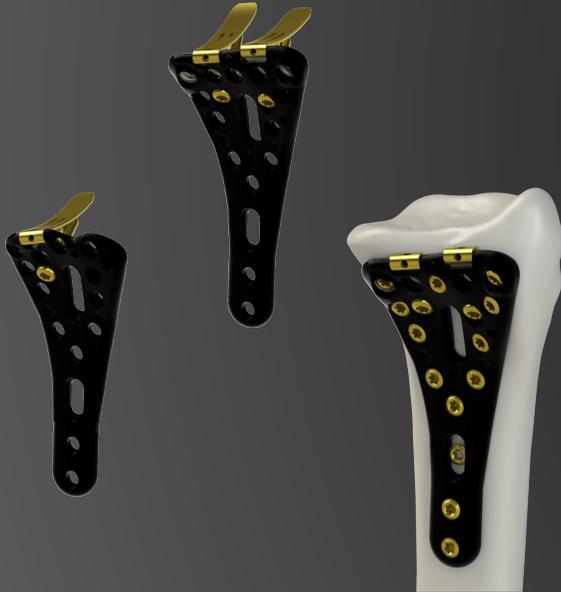
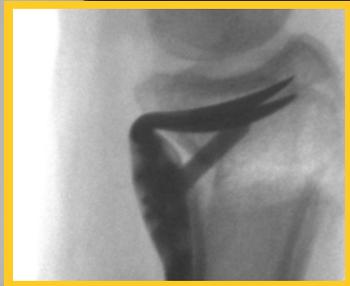


Plate Features:

- ◆ Anatomic fit to the watershed line
- ◆ For use with or without beam
- ◆ Variable and fixed angle screws
- ◆ Double and single beam constructs
- ◆ 3 widths, 2 lengths (6 sizes, right and left)

Value-Added Benefits:

- ◆ Novel Solution for wide range of fractures
- ◆ Beam-assisted reduction of intra-articular fractures
- ◆ Independent fixation of central and radial column
- ◆ Adjusts to desired amount of volar tilt after plate application
- ◆ Contoured subchondral fixation reduces subsidence



Dynamic Fragment Reduction Technology for Distal Radius Fractures Restoring Volar Tilt & Articular Congruity

Components:

- ◆ Fracture reduction and stabilization instruments
- ◆ Beam installation tool with 3 beam length options
- ◆ Beam lever screws
- ◆ Locking and non-locking plate screws 10-24mm
 - ◆ 10-14mm in 1mm increments
 - ◆ 16-24mm in 2mm increments
- ◆ Sterilization Tray

"The Lever Action Plate System is superior to conventional plates at adjusting volar tilt. The unique beam technology provides a more precise fixation."

-Orthopedic Surgeon, Philadelphia, PA





McGINLEY MANUFACTURING

FROM CONCEPT TO PRODUCTION

McGinley Manufacturing is a custom machine and fabrication facility with a fully integrated engineering team. McGinley Manufacturing prides itself on a skilled workforce and our ability to customize and design products for the medical industry. Delivering high quality products and services to customers is our first priority.

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**Now with 5-Axis Capabilities
ISO Certification 9001 & 13485**

Medical Device Manufacturing

McGinley Manufacturing specializes in orthopedic instruments, plates, screws, and drill bit manufacturing. With our state-of-the-art quality control, we can meet your medical device needs. Whether you have a concept and need assistance bringing it to market or an existing product and want to decrease your lead time, our team is capable and efficient.





MCGINLEY ORTHOPEDICS

ENGINEERING MEDICAL PROGRESS

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