Limit uncertainty with Integra’s broad line of upper extremity products. Integra, a world leader in regenerative medicine, is dedicated to improving the quality of life for patients through the development, manufacturing and marketing of cost effective surgical implants that are used to treat millions of patients every year.

Integra continues to expand its field presence and introduce new upper extremity products. Integra offers one of the most comprehensive lines of soft tissue and reconstructive products available, to primarily address the needs of orthopedic, plastic and general surgeons. Integra is focused on addressing nerve, tendon and soft tissue repairs as well as treating wrist arthritis and fractures in the hand, wrist and elbow.
Finger /Thumb Arthritis
Integra offers a comprehensive product line for the treatment of finger and thumb arthritis. Multiple sizes and implant styles are available to meet patient anatomies and types of arthritis.

Wrist Arthritis
Integra offers a full line of products for the management and treatment of wrist arthritis. Whether there is a need for limited or four-corner fusion, total wrist fusion or total wrist arthroplasty, Integra’s products provide surgeons a range of options to successfully treat each case.

Elbow Fracture Solutions
Fractures of the elbow remain some of the most difficult and technically complex injuries to manage. Integra offers multiple solutions for fractures of the radial head.

Nerve Repair
Integra offers a comprehensive portfolio of nerve repair and decompression solutions. Whether treating a severed or damaged nerve or treating carpal or cubital tunnel syndrome, Integra has a solution to meet your needs.

Tendon and Soft Tissue Repair
Integra has complimentary solutions for both acute and chronic tendon and soft tissue repairs. Whether providing protection from the surrounding tissue or additional reinforcement to a primary repair, Integra’s biological matrices offer simple solutions to support the healing process.
**Finger / Thumb Arthritis Solutions**

**Integra®**

**PyroCarbon MCP Total Joint**

- Bone-friendly material; cement-free fixation
- Ideal for higher demand patients with potential to restore normal joint kinematics

**Integra®**

**Silicone MCP Total Joint**

- Pre-flexed, anatomic design
- Same instrumentation as PyroCarbon MCP allowing intraoperative choice

**Integra®**

**NuGrip™ CMC Implant**

- Preserves trapezium; anatomic design
- Ideal for higher demand patients
Integra®
PyroCarbon PIP Total Joint

– Bone-friendly material; cement-free fixation
– Potential to improve joint function

Humanitarian Device*
The PyroCarbon PIP is authorized by U.S. federal law for use in arthroplasty of the proximal interphalangeal (PIP) joint when the patient:
– has soft tissue and bone that can provide adequate stabilization and fixation under high-demand loading conditions after reconstruction; and
– needs a revision of a failed PIP prosthesis or has pain, limited motion, or joint subluxation/dislocation secondary to damage or destruction of the articular cartilage.

Integra®
Silicone PIP Total Joint

– Smallest pre-flexed implant on market
– Minimized dorsal collar; anatomic design

* The effectiveness of this device for this use has not been demonstrated and as such the use of this product requires IRB approval at your institution prior to implant placement. For more information regarding the steps required to obtain approval from your hospital’s IRB board, or if you have questions concerning your present IRB approval status, please contact Integra at 877-444-1122.
Wrist Arthritis Solutions

**Integra®**
Freedom Wrist Arthroplasty System

– Unique articular geometry provides good motion and stability with minimal bone resection

**Integra®**
Total Wrist Fusion System

– Rigid fixation
– Decreases soft tissue damage during total wrist arthrodesis

**Integra®**
Spider™ Limited Wrist Fusion System

– Original circular implant designed for four-corner and other limited wrist fusion procedures.
**Integra®**
PyroCarbon Lunate

– Bone-friendly material, anatomic design
– Conservative treatment for Kienbock’s Disease

**Integra®**
First Choice® Modular Ulnar Head

– 3 collar height options allow for revision path
– Utilizes same instrumentation as Partial Ulnar Head allowing intraoperative choice

**Integra®**
First Choice® Partial Ulnar Head Implant

– Only partial ulnar head resurfacing implant on the market
– Allows preservation of ligaments and bony anatomy responsible for DRUJ stability
Integra®
Katalyst™ Bipolar Radial Head System

– Restores the support and bearing surface of the radial head
– Multiple sizes to fit most patient anatomies

Integra®
Modular Radial Head

– Curved long stem option for increased stability
– Three head diameters in two height options to address a broad range of anatomy
Surgeon Workshops

Led by world-renowned faculty, Integra offers extensive training opportunities for upper extremity surgeons. These workshops showcase our expanding product lines including the market leading total wrist implant system, pyrocarbon joints, nerve, tendon and soft tissue solutions. It provides you the opportunity to experience Integra products hands-on. To register for any of the training opportunities please contact your local Integra Sales Representative.

workshops@integralife.com
Nerve Repair Solutions

Integra®
NeuraGen® Nerve Guide

- Bioengineered, semi-permeable structure allows for nutrient passage while containing Nerve Growth Factor (NGF)\(^1\)
- Demonstrated equivalence to nerve graft and direct suture in primates\(^2,3\), and humans\(^4\)

Integra®
NeuraWrap™ Nerve Protector

- Protective environment isolates nerve from surrounding tissue
- Mechanically resistant interface prevents compression from surrounding tissues may reduce scar tissue ingrowth\(^1,2\)

Integra®
SafeGuard® Mini Carpal Tunnel Release System

- Simplifies the mini-open surgical technique
- High level of control and median nerve protection

Integra®
EndoRelease™ Endoscopic Cubital Tunnel Release System

- Specialized instrumentation for minimally invasive decompression of the ulnar nerve
- Reduces risk of damaging nerve and surrounding soft tissue
**Tendon and Soft Tissue Repair Solutions**

**Integra®**
**TenoGlide® Tendon Protector Sheet**

– Provides a protective environment and gliding surface while the tendon is healing
– May reduce scar formation tissue between the tendon and surrounding tissues*

*Pre-clinical animal study–leghorn chickens

**Integra®**
**Inforce® Reinforcement Matrix**

– Highly purified with negligible amounts of DNA from derived source5
– Strong, low profile matrix minimizes volume of repair

**Integra®**
**Bilayer Wound Matrix**

– Provides immediate wound coverage
– Highly conformable for various anatomical sites

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1Data on file at Integra LifeSciences Corporation: CP-01-003
**Integra® Bilayer Wound Matrix**

**Indications For Use**
Integra Bilayer Matrix Wound Dressing is indicated for the management of wounds including: partial and full-thickness wounds, pressure ulcers, venous ulcers, diabetic ulcers, chronic vascular ulcers, surgical wounds (donor sites/grafts, post-Moh's surgery, post-laser surgery, podiatric, wound dehiscence), trauma wounds (abrasions, lacerations, second-degree burns, and skin tears) and draining wounds.

**Contraindications**
This device should not be used in patients with known sensitivity to bovine collagen or chondroitin materials — The device is not indicated for use in third-degree burns.

**Precautions**
Do not resterilize. Discard all opened and unused portions of Integra Bilayer Matrix Wound Dressing — Discard device if mishandling has caused possible damage or contamination — Integra Bilayer Matrix Wound Dressing should not be applied until excessive exudate, bleeding, acute swelling and infection are controlled — Debridement or excision must be done thoroughly to remove any remaining necrotic tissue that may cause infection — The following complications are possible with the use of wound dressings. If any of the conditions occur, the device should be removed: infection, chronic inflammation (initial application of wound dressings may be associated with transient, mild, localized inflammation), allergic reaction, excessive redness, pain or swelling.

See package insert for full prescribing information.

**Integra® EndoRelease™ Endoscopic Cubital Tunnel Release System**

**Indications For Use**
The EndoRelease Endoscopic Cubital Tunnel Release System is intended for use in the endoscopic surgical treatment of cubital tunnel syndrome by releasing the fascia around the ulnar nerve.

**Contraindications**
Repeat cubital tunnel release — Distortion of anatomy — Previous soft tissue injury at the surgical site.

See package insert for full prescribing information.

**Integra® FirstChoice® Partial Ulnar Head Implant**

**Indications For Use**
The FirstChoice is intended for replacement of the distal radioulnar joint: Replacement of the distal ulnar head for rheumatoid, degenerative, or posttraumatic arthritis presenting the following: Pain and weakness of the wrist joint not improved by conservative treatment — Instability of the ulnar head with x-ray evidence of dorsal subluxation and erosive changes — Failed ulnar head resection.

**Contraindications**
Inadequate bone stock or soft tissue coverage — Previous open fracture or infection in the joint — Skeletal immaturity — Physical interference with or by other prostheses during implantation or use — Procedures requiring modification of the prosthesis — Skin, bone, circulatory and/or neurological deficiency at the implantation site.

See package insert for full prescribing information.

**Integra® FirstChoice System Modular Ulnar Head**

**Indications For Use**
The First Choice is intended for replacement of the distal radioulnar joint: Replacement of the distal ulnar head for rheumatoid, degenerative, or posttraumatic arthritis presenting with pain and weakness localized to the distal radioulnar joint and not improved by conservative treatment. The First Choice Partial Ulnar Head implant is intended for press-fit use.

**Contraindications**
Inadequate bone stock or soft tissue coverage — Previous open fracture or infection in the joint — Skeletal immaturity — Physical interference with or by other prostheses during implantation or use — Procedures requiring modification of the prosthesis — Skin, bone, circulatory and/or neurological deficiency at the implantation site.

See package insert for full prescribing information.
Indications / Contraindications / Precautions / Warnings

Integra®
Freedom Wrist Arthroplasty System

Indications For Use
The Integra Freedom Wrist Arthroplasty System is indicated for intractable pain resulting from traumatic arthritis, osteoarthritis, rheumatoid arthritis, and trauma-induced osteoarthritis of the radial/carpal joint and is intended to replace functionality of the joint due to deformity or elements stated above. The Integra Freedom Wrist Arthroplasty System is intended for cemented use.

Contraindications
Contraindications for the use of the Integra Freedom Wrist Arthroplasty System include any condition which would contraindicate the use of joint replacement in general, including:
- Poor bone quality which may affect the stability of implants
- Severe tendon, neurological, or vascular deficiencies which could compromise the affected extremity
- Any concomitant disease which may compromise the function of the implants
- Infections; acute or chronic, local or systemic

Precautions
See package insert for full prescribing information.

Integra®
Katalyst™ Bipolar Radial Head System

Indications For Use
The Modular Radial Head is intended for replacement of the proximal radius for instances of:
- Primary replacement after complex (comminuted) fracture of the radial head
- Symptomatic sequelae after radial resection
- Axial forearm instability
- Failed silicone radial head implant
- Elbow instability associated with radial head fracture or excision of the radial head
- Replacement of the radial head for degenerative or post-traumatic disabilities presenting pain, crepitation and decreased motion at the radiohumeral and/or proximal radio-ulnar joint

Contraindications
Bone musculature, tendons or adjacent soft tissue compromised by disease, infection or prior implantation, which cannot provide adequate support or fixation for the prosthesis
- Any active or suspected infection in or around the joint
- Skeletal immaturity
- Physiologically or psychologically unsuitable patient
- Known sensitivity to materials used in this device
- Possibility for conservative treatment

Precautions
See package insert for full prescribing information.

Integra®
Modular Radial Head (MRH)

Indications For Use
The Modular Radial Head is intended for replacement of the proximal radius for instances of:
- Primary replacement after complex (comminuted) fracture of the radial head
- Symptomatic sequelae after radial resection
- Axial forearm instability
- Failed silicone radial head implant
- Elbow instability associated with radial head fracture or excision of the radial head
- Replacement of the radial head for degenerative or post-traumatic disabilities presenting pain, crepitation and decreased motion at the radiohumeral and/or proximal radio-ulnar joint

Contraindications
Bone musculature, tendons or adjacent soft tissue compromised by disease, infection or prior implantation, which cannot provide adequate support or fixation for the prosthesis
- Any active or suspected infection in or around the joint
- Skeletal immaturity
- Physiologically or psychologically unsuitable patient
- Known sensitivity to materials used in this device
- Possibility for conservative treatment

Precautions
See package insert for full prescribing information.

Integra®
Inforce Reinforcement Matrix

Indications For Use
Inforce Reinforcement Matrix is indicated to reinforce the soft tissues that are repaired by suture or suture anchors during tendon repair surgery. It is not indicated to replace normal body structure or provide full mechanical strength to support tendon repairs.

Contraindications
Inforce Reinforcement Matrix is contraindicated for patients with a known history of hypersensitivity to porcine derived materials.

Precautions
Ensure that the Inforce Reinforcement Matrix is hydrated prior to suturing or stapling.

See package insert for full prescribing information.
Limit uncertainty with Integra’s broad line of upper extremity products. Integra, a world leader in regenerative medicine, is dedicated to improving the quality of life for patients through the development, manufacturing and marketing of cost effective surgical implants that are used to treat millions of patients every year. Integra continues to expand its field presence and introduce new upper extremity products. Integra offers one of the most comprehensive lines of soft tissue and reconstructive products available, to primarily address the needs of orthopedic, plastic and general surgeons. Integra is focused on addressing nerve and tendon repairs as well as treating wrist arthritis and fractures in the hand, wrist and elbow.

**Indications For Use**

The PyroCarbon Lunate is intended for replacement of the lunate bone in the proximal carpal row of the wrist in the presence of:

- Avascular necrosis (Kienböck's disease)
- Localized osteoarthritic changes
- Long-standing dislocations

**Contraindications**

- Acute or chronic infection
- Radial scaphoid arthritis
- Gross carpal instability

See package insert for full prescribing information.

**Integra®**

**NeuraWrap™ Nerve Protector**

**Indications For Use**

NeuraWrap Nerve Protector is indicated for the management of peripheral nerve injuries in which there has been no substantial loss of nerve tissue.

**Contraindications**

NeuraWrap Nerve Protector is contraindicated for patients with a known history of hypersensitivity to bovine derived materials.

**Precautions**

Hemostasis of the nerve stumps must be achieved prior to placement of the NeuraWrap Nerve Guide. A blood clot in the lumen of the nerve guide will impede axon growth — Tensionless repair technique should be used to prevent tension along the length of the nerve — NeuraWrap Nerve Guide should be used with caution in infected regions.

**Adverse Events**

Possible complications can occur with any nerve repair surgical procedure including pain, infection, decreased or increased nerve sensitivity, and complications associated with use of anesthesia.

See package insert for full prescribing information.

**Integra®**

**NuGrip™ CMC Implant**

**Indications For Use**

The NuGrip is intended to replace the proximal end of the first metacarpal in cases of rheumatoid arthritis, traumatic arthritis, osteoarthritis or post fracture deformation or bone loss which present as either a painful, unstable thumb, or a thumb with limited range of motion.

**Contraindications**

- Inadequate bone stock or soft tissue coverage
- Previous open fracture or infection in the joint
- Skeletal immaturity
- Physical interference with or by other prosthesis during implantation or use
- Procedures requiring modification of the prosthesis
- Skin, bone, circulatory and/or neurological deficiency at the implantation site

See package insert for full prescribing information.

**Integra®**

**NeuraGen Nerve Guide**

**Indications For Use**

NeuraGen Nerve Guide is indicated for the repair of peripheral nerve discontinuities where gap closure can be achieved by flexion of the extremity.

**Contraindications**

NeuraGen Nerve Guide is contraindicated for patients with a known history of hypersensitivity to bovine derived materials.

**Precautions**

Hemostasis of the nerve stumps must be achieved prior to placement of the NeuraGen Nerve Guide. A blood clot in the lumen of the nerve guide will impede axon growth — Tensionless repair technique should be used to prevent tension along the length of the nerve — NeuraGen Nerve Guide should be used with caution in infected regions.

**Adverse Events**

Possible complications can occur with any nerve repair surgical procedure including pain, infection, decreased or increased nerve sensitivity, and complications associated with use of anesthesia.

See package insert for full prescribing information.

**Integra®**

**PyroCarbon Lunate**

**Indications For Use**

The PyroCarbon Lunate is intended for replacement of the lunate bone in the proximal carpal row of the wrist in the presence of:

- Avascular necrosis (Kienböck’s disease)
- Localized osteoarthritic changes
- Long-standing dislocations

**Contraindications**

- Acute or chronic infection
- Radial scaphoid arthritis
- Gross carpal instability

See package insert for full prescribing information.
**Indications / Contraindications / Precautions / Warnings**

**Integra®**

**PyroCarbon MCP Total Joint**

**Indications For Use**
The MCP is indicated for use as a total joint replacement of index, long, ring, and small finger metacarpophalangeal (MCP) joints that exhibit symptoms of pain, limited motion, or inadequate bony alignment (i.e., subluxation/dislocation) secondary to articular destruction or degenerative disease related to rheumatoid arthritis, systemic lupus erythematosus, osteoarthritis, or post-traumatic arthritis where soft tissue reconstruction can provide adequate stabilization.

**Contraindications**
Inadequate bone stock at the implantation site — Active infection in the MCP joint — Nonfunctioning and irreparable MCP musculotendinous system — Physical interference with or by other prostheses — Skin, bone, circulatory and/or neurological deficiency at the implantation site.

See package insert for full prescribing information.

**Integra®**

**PyroCarbon PIP Total Joint**

**Indications For Use**
The PIP is indicated for use in arthroplasty of the proximal interphalangeal (PIP) joint when the patient: Has soft tissue and bone that can provide adequate stabilization and fixation under high-demand loading conditions after reconstruction; and — Needs a revision of a failed PIP prosthesis, or has pain, limited motion, or joint subluxation/dislocation secondary to damage or destruction of the articular cartilage.

*Humanitarian Device*

See package insert for full prescribing information.

**Integra®**

**SafeGuard® Mini Carpal Tunnel Release System**

**Indications For Use**
The SafeGuard Mini Carpal Tunnel Release System is indicated in the treatment of carpal tunnel syndrome in those patients who fail to respond to a full course of conservative treatment.

**Contraindications**
Repeat carpal tunnel release — Distortion of anatomy — Neurologic defects — Previous soft tissue injury at the surgical site

See package insert for full prescribing information.

**Integra®**

**PyroCarbon MCP Total Joint**

**Indications For Use**
The MCP is indicated for use as a total joint replacement of index, long, ring, and small finger metacarpophalangeal (MCP) joints that exhibit symptoms of pain, limited motion, or inadequate bony alignment (i.e., subluxation/dislocation) secondary to articular destruction or degenerative disease related to rheumatoid arthritis, systemic lupus erythematosus, osteoarthritis, or post-traumatic arthritis where soft tissue reconstruction can provide adequate stabilization.

**Contraindications**
Active local or systemic infection — Destruction of the metacarpal, phalanx, or phalanges or poor bone quality which prevents adequate fixation of the implant — Loss of musculature, neuromuscular compromise, or vascular deficiency in the affected finger — Growing patients with open epiphyses — Patients with high activity levels and — Patients unwilling or unable to comply with physician’s instructions.

See package insert for full prescribing information.
Indications / Contraindications / Precautions / Warnings

Integra®
Spider® Limited Wrist Fusion System

Indications For Use
Osteoarthritis — Rheumatoid arthritis — Post-traumatic or degenerative wrist arthritis — Complex fractures of the wrist — Revision of failed partial wrist fusion — Carpal instability

Contraindications
Severe tendon, neurological or vascular deficiencies that may compromise the affected extremity — Any concomitant disease that may compromise the function of the plate — Infection

See package insert for full prescribing information.

Integra®
TenoGlide® Tendon Protector Sheet

Indications For Use
TenoGlide Tendon Protector Sheet is indicated for the management and protection of tendon injuries in which there has been no substantial loss of tendon tissue.

Contraindications
TenoGlide Tendon Protector Sheet is contraindicated for patients with a known history of hypersensitivity to bovine derived or chondroitin materials. It is not indicated to replace or repair damaged tendon or to reinforce the strength of any tendon repair.

Precautions
TenoGlide Tendon Protector Sheet should not be applied until bleeding and infection are controlled.

See package insert for full prescribing information.

Integra®
Total Wrist Fusion System

Indications For Use
The Integra Total Wrist Fusion System is indicated for use in patients with:
Post-traumatic arthritis of the joints of the wrist — Rheumatoid wrist deformities requiring restoration — Complex carpal instability — Post-septic arthritis of the wrist — Severe unremitting wrist pain related to motion — Brachial plexus nerve palsies — Tumor resection — Spastic deformities — Pain and/or loss of function due to osteoarthritis — Revision of failed partial wrist fusions.

Contraindications
Use of the product is contraindicated in the presence of any of the following:
Severe tendon, neurological, or muscular deficiencies that would compromise implant function — Infection; acute or chronic, local or systemic — Any concomitant disease which may compromise the function of the implant — Current highly active inflammatory.

See package insert for full prescribing information.