Power through integration

Olympus

A1

FEATURES:
- Titanium cradle design on Interpositional
- Malleus notch in HA head

BENEFITS:
- The Dornhoffer Implant System offers three point stability: at the stapes, the malleus, and at the footplate
- The titanium cradle locks onto the superstructure of the stapes. The interpositional PORP is designed with a malleus notch to enhance stability at the malleus. The 2mm size has been found to fit 95% of all patients.
**Power through integration**

-Olympus

**Features:**
- Malleus notch in HA head
- Trimmable HAPEX shaft
- Compatible with Dornhoffer Micron Titanium Footplate Shoe designed for use with .8 mm HAPEX shafts

**Benefits:**
- The Dornhoffer Implant System offers three point stability: at the stapes, the malleus, and at the footplate
- The Dornhoffer Malleable TORP has an Hydroxyapatite head designed with a malleus notch to enhance stability at the malleus.
- Trimmable HAPEX shaft allows for sizing at the time of implantation. This feature provides for flexibility while requiring minimal stocking units.
- For added stability at the footplate, the Dornhoffer Micron Titanium Footplate Shoe 70143254 is designed for use with .8mm TORP shafts made of HAPEX, Plastipore and HA.

**70145843**
Dornhoffer Malleable TORP Prostheses
8.25 mm Overall Length
Dense HA/HAPEX
4.0 mm x 3.2 mm Head
0.8 mm Trimmable HAPEX shaft

Click and drag cursor over device to rotate view.
See Instructions for more information.
**FEATURES:**
- 0.8 mm Micron Titanium Footplate Shoe

**BENEFITS:**
- The Dornhoffer Implant System offers three point stability: at the stapes, the malleus, and at the footplate.
- For added stability at the footplate, the Dornhoffer Micron Titanium Footplate Shoe 70143254 is designed for use with 0.8 mm TORP shafts made of Hapex, Plastipore and HA.
The Micron Adjustable Titanium Implant System provides stability in an all titanium TORP® and PORP.

Micron Titanium Finish

Open head design available in centered and off-centered orientations

Adjustable Implant System

Compatible with Dornhoffer Micron Titanium Footplate Shoe

Our patented Micron Titanium finish smooths all surfaces reducing the potential for extrusion due to sharp angles. This proprietary chemical process not only smoothes the surface but “dulls” it, which reduces glare.

Available in centered and off-centered orientations to maximize visualization during implant placement.

Sizing at the time of implantation allows for flexibility while requiring minimal stocking units.

For added stability at the footplate, the Dornhoffer Titanium Footplate Shoe is designed for use with 0.9 mm titanium shafted TORPs.
0.9 mm Micron Titanium Footplate Shoe

**Benefits:**
- Adds 0.25 mm to Implant length
- Micron Titanium
- 0.9 mm Footplate Shoe diameter

**Features:**
- Designed for use with 0.9 mm TORP shafts made of Titanium
- 1.98 mm Overall Length
**Features:**
- Self-locking Strut design
- Malleus attached design

**Benefits:**
- The Kartush Strut System is the simple solution for providing stability in Ossicular Chain Reconstruction using hydroxylapatite struts.
- The self-locking nature of the strut design provides added stability. While the simplicity of the strut design allows for excellent visualization.
- The strut prostheses are placed beneath the malleus, which minimizes the possibility of extrusion and locks them in place. When the malleus is absent, the Kartush Strut can be combined with a cartilage cap.
Power through integration

Olympus

**Features:**
- “Self-Crimping” Nitinol design
- MRI compatible to 3 Tesla

**Benefits:**
- The reason Stapes surgery is challenging is there is little tolerance for error. Gyrus ACMI’s SMart Piston Technology incorporates our patented “self-crimping” Nitinol alloy which simplifies Stapes surgery by taking the worry out of cramping.
- Nitinol (Nickel-Titanium alloy) is a shape-memory metal alloy that has been used in medical applications for years. Since Nitinol “self-fashions” with heat, the crimping maneuver is dramatically simplified.
**Features:**
- “Self-Crimping” Nitinol design
- 1.22 mm “Self-Measuring” fluoroplastic shaft
- MRI compatible to 3 Tesla.

**Benefits:**
- The SMart De La Cruz Piston simplifies Stapes surgery with its self-measuring body. This self-measuring feature improves a surgeon’s ability to measure implant length accurately.
- As recommended by Dr. De La Cruz, the implant is properly sized when: A portion of the fluoroplastic shaft can be viewed above the fenestra.
- The implant cannot be displaced when palpated with a small hook against the fenestra.
- These two guidelines ensure a fit that is neither too long nor too short (“self-measuring”).
Power through integration

FEATUReS:
• “Self-Crimping” Nitinol design
• Completely encircling design
• MRI compatible to 3 Tesla

BENEFITS:
• The SMart 360˚ Piston is a completely encircling piston containing heat activated Nitinol.
• The Smart 360˚ has a shape memory property that allows the piston loop to hug the incus circumferentially thereby adapting the piston shape to the ovaloid diameter of the incus long process passively.
• Designed to overcome the limitations of manual crimping and an enlarged or undersized incus.

70143662
SMart® 360˚ Piston
0.6 mm piston diameter
4.25 mm Functional Length
Nitinol/Fluoroplastic
Power through integration

**Olympus B4**

**FEATURES:**
- Micron Titanium Finish
- MRI compatible to 3 Tesla

**BENEFITS:**
- The Classic Bucket Handle is now available in all titanium featuring our patented Micron finish.
- The patented Micron Titanium finish smoothes all surfaces reducing the potential for extrusion due to sharp angles. This proprietary chemical process not only smoothes the surface but “dulls” it, which reduces glare.
- Titanium has excellent handling properties, is well tolerated by tissue and it is MRI compatible to 3 Tesla.

**70142141**
Classic Stapes Prostheses
- 0.4 mm piston diameter
- 4.00 mm Functional Length
- Large 1.0 mm well diameter
- Titanium

Click and drag cursor over device to rotate view.
See Instructions for more information.
Power through integration

**FEATURES:**

- FLUORPLASTIC
- 1.27 mm I.D.

**BENEFITS:**

- PacifiC™ is Gyrus ACMI’s trademark for a patented phosphorylcholine (PC) coating applied to fluoroplastic ventilation tubes. PacifiC is a unique coating that mimics the zwitterionic structure of natural membranes. When applied to medical devices, properties such as enhanced resistance to bacterial adhesion are conferred through this “biomimicry.”

- UltraSil™ is Gyrus ACMI’s patented surface treatment applied to silicone ventilation tubes. Through this ion-implantation, the surface of the silicone is “smoothed” and its critical surface tension is increased, which acting alone or in concert, may contribute to the “minimally bioadhesive” quality of the UltraSil™ material.

**Also Available in:**

- Fluoroplastic with PacifiC™ Coating
- Blue Silicone
- UltraSil™ Blue Silicone

Click and drag cursor over device to rotate view.
See Instructions for more information.
Power through integration

**Features:**
- Blue Silicone
- 1.32 mm I.D.

**Benefits:**
- Shorter Flanges to lessen the possibility of trauma to the tympanic membrane.
- Overall length is reduced to eliminate the need for trimming.
- The I.D. has been increased to facilitate ventilation with less clogging while maintaining the Outer Diameter (O.D.) of the original design.
- Available with UltraSil™, Gyrus ACMI’s patented surface treatment applied to silicone ventilation tubes. Through this ion-implantation, the surface of the silicone is “smoothed” and its critical surface tension is increased, which acting alone or in concert, may contribute to the “minimally bioadhesive” quality of the UltraSil™ material.

**Also Available in:**
- Soft Silicone
- UltraSil™ Blue Silicone

Click and drag cursor over device to rotate view.
See Instructions for more information.
Power through integration

Olympus

C1 Features:

- FLUOROPLASTIC
- 1.14 mm I.D.

Benefits:

- Designed by B.W. Armstrong, M.D., Charlotte, N.C.
- Beveled inner flange corresponds to the angle of the tympanic membrane.
- Resists premature extrusion.
- Some styles available with UltraSil™, Gyrus ACMI's patented surface treatment applied to silicone ventilation tubes. Through this ion-implantation, the surface of the silicone is “smoothed” and its critical surface tension is increased, which acting alone or in concert, may contribute to the “minimally bioadhesive” quality of the UltraSil™ material.
- Some styles available with PacifiC™, Gyrus ACMI’s trademark for a patented phosphorylcholine (PC) coating applied to fluoroplastic ventilation tubes. PacifiC™ is a unique coating that mimics the zwitterionic structure of natural membranes. When applied to medical devices, properties such as enhanced resistance to bacterial adhesion are conferred through this “biomimicry.”

Also Available in:

- Blue Fluoroplastic
- PC Coated Fluoroplastic

Additional Armstrong Styles Available

(See our catalog for more product detail):

- Armstrong Beveled Grommets w/Tabs (Silicone and UltraSil™)
- Armstrong Beveled Plain End Ventilation Tubes (Fluoroplastic, PC Coated Fluoroplastic, Blue Silicone and UltraSil™ Blue Silicone)
- Armstrong V Beveled Grommets (PC Coated Blue Fluoroplastic)
- Armstrong V Straight Ventilation Tubes (PC Coated Blue Fluoroplastic)
Power through integration

- Olympus

C2

145218
REUTER BOBBIN
w/1 mm Inner Flange (I.F.)

Also Available in:
- Fluoroplastic (with or without holes)
- Fluoroplastic (with or without wire)
- Fluoroplastic 0.5 mm I.F.
- Blue Fluoroplastic (without holes)
- PC Coated Fluoroplastic (with or without holes)
- Stainless Steel (with or without wire)
- Stainless Steel (Satin Finish with or without wire)
- Titanium (Micron™ finish, without wire)

Click and drag cursor over device to rotate view.
See Instructions for more information.

FEATURES:
- STAINLESS STEEL (SATIN FINISH)
- 1 mm I.D.

BENEFITS:
- Designed for S. Harold Reuter, M.D., Houston, TX.
- Features a wide flange to help resist extrusion.
- Large lumen diameters for long-term ventilation.
- Some styles available in Stainless Steel (ASTM F 138, Grade 2) which has a balanced corrosion resistant chemistry and an extrememly clean microstructure.
- Some styles available in Titanium (ASTM F 138) which has excellent corrosion resistance, is lightweight and MRI compatible.
- Micron™ is Gyrus ACMI’s patented finishing process which not only smooths the surface, but dulls it which reduces glare.
- Some fluoroplastic styles available with PacifiC™, Gyrus ACMI’s trademark for a patented phosphorylcholine (PC) coating applied to fluoroplastic ventilation tubes. PacifiC™ is a unique coating that mimics the zwitterionic structure of natural membranes. When applied to medical devices, properties such as enhanced resistance to bacterial adhesion are conferred through this “biomimicry.”
Power through integration

- Olympus

C3

FEATURES:
- BLUE SOFT SILICONE ULTRASIL™
- 1.14 mm I.D.

BENEFITS:
- Designed for Michael Paparella, M.D., Minneapolis, MN.
- Moderate to long-term ventilation using the proven “T” flange.
- Some styles available with UltraSil™, Gyrus ACMI’s patented surface treatment applied to silicone ventilation tubes. Through this ion-implantation, the surface of the silicone is “smoothed” and its critical surface tension is increased, which acting alone or in concert, may contribute to the “minimally bioadhesive” quality of the Ultrasil™ material.

Also Available in:
- Blue Silicone (with tab)
- Blue Soft Silicone Ultrasil™ (without tab)

Additional Paparella Styles Available
(See our catalog for more product detail):
- Paparella 2000, Type 1 (without tab)
- Paparella Type 1 (with or without tab)
- Paparella Type 2 (with tab)

Click and drag cursor over device to rotate view. See Instructions for more information.
**Power through integration**

-Olympus

**C4**

**FEATURES:**
- FLUOROPLASTIC
- 1.14 mm I.D.

**BENEFITS:**
- Small flange for easy insertion through small incision in the drum.
- May be cut to length.
- Some styles available with Pacifi™, Gyrus ACMi’s trademark for a patented phosphorylcholine (PC) coating applied to fluoroplastic ventilation tubes. Pacifi™ is a unique coating that mimics the zwitterionic structure of natural membranes. When applied to medical devices, properties such as enhanced resistance to bacterial adhesion are conferred through this “biomimicry.”
- Polyethylene, composed only of carbon and hydrogen atoms possesses bioinertness and a smooth surface.

**140035 STRAIGHT VENTILATION TUBE**
7 mm length

**Also Available in:**
- PC Coated Fluoroplastic
- Blue or Clear Polyethylene
- I.D. sizes available 0.86 mm, 0.89 mm and 1.14mm
- Lengths available in 7 mm and 12 mm
**Power through integration**

**-Olympus**

**C5**

**Features:**
- Blue Silicone
- 1.27 mm I.D.
- 1.37 mm I.F.
- 4.5 mm width

**Benefits:**
- As developed in conjunction with Bruce Black, M.D., Brisbane, Australia.
- Designed for long-term ventilation.
- Combines a tapered lumen for increased ventilation with thin tapered flanges providing reduced mass behind the tympanic membrane.
- Thin, collapsible flanges allow easier insertion and removal with no special instrumentation requirements.
- Some styles available with UltraSil™, Gyrus ACMI’s patented surface treatment applied to silicone ventilation tubes. Through this ion-implantation, the surface of the silicone is “smoothed” and its critical surface tension is increased, which acting alone or in concert, may contribute to the “minimally bioadhesive” quality of the UltraSil™ material.
C6

140008 SHEPARD GROMMET W/TAB

FEATURES:
› FLUORPLASTIC
   › 1.14 mm I.D.

BENEFITS:
› Designed for Marvin G. Shepard, M.D., Dallas, TX.
› Various styles, colors and sizes.
› Polyethylene, composed only of carbon and hydrogen atoms possesses bioinertness and a smooth surface.
› Some styles available with UltraSil™, Gyrus ACMI’s patented surface treatment applied to silicone ventilation tubes. Through this ion-implantation, the surface of the silicone is “smoothed” and its critical surface tension is increased, which acting alone or in concert, may contribute to the “minimally bioadhesive” quality of the Ultrasil™ material.

Also Available in:
› Fluoroplastic (with tab)
   ▶ I.D. sizes: 1.02 mm and 1.14 mm
› Fluoroplastic (without tab)
   ▶ I.D. sizes: 1.02 mm and 1.14 mm
› Fluoroplastic (with wire)
   ▶ I.D. sizes: 1.02 mm and 1.14 mm
› Blue Fluoroplastic (without tab)
   ▶ I.D. 1.14 mm
› Blue Polyethylene (with tab)
   ▶ I.D. sizes: 1.02 mm and 1.14 mm
› Blue Polyethylene (with tab and wire)
   ▶ I.D. sizes: 1.02 mm and 1.14 mm
› Blue Silicone (with tab)
   ▶ I.D. 1.02 mm
› Blue Ultrasil™ Silicone (without tab or wire)
   ▶ I.D. 1.02 mm

INSTRUCTIONS
Click and drag cursor over device to rotate view.
See Instructions for more information.
**INSTRUCTIONS**

**TO LAUNCH FULL SCREEN MODE:**
- On the keyboard, type **Ctrl** + **L**

**TO EXIT FULL SCREEN MODE:**
- On the keyboard, type **Esc**

**TO SELECT PRODUCT INFORMATION:**
- Click on the icon of the product you wish to view:

**TO SELECT A NEW PRODUCT:**
- Click the **A1** to return to the main menu
- Use the **+ DRAG** keys to browse all product pages
- Or select **LIST** to sort products by Name or Number

**TO VIEW PRODUCT MODEL IN 3D**
- Using the mouse, place the pointer over the product model. Click and drag the mouse buttons to rotate, move, and zoom in and out:

- **HOVER**
- **ROTATE**
- **PAN**
- **ZOOM**
- **+ DRAG**
- **+ SCROLL**
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