Today, the Richards line of products is still being offered through Olympus. Not only does Olympus provide procedure solutions for Otology, we also offer advanced visualization and treatment products for Pediatric ENT, Rhinology, Laryngology, Sleep, and Head and Neck procedures. As our commitment to the ENT community continues to expand at Olympus, we will continue to offer innovative procedure solutions to help improve outcomes and enhance the quality of life for your patients. Our ENT sales consultants are here to help and we have been skillfully trained to listen and respond quickly to your ENT business needs.

HYDROXYLAPATITE

Hydroxyapatite is one of the most bio-compatible materials available for implant use. Because of its chemical composition, it is expected to be well tolerated by the body. Additional evaluations of the reconstructed middle ear prosthesis, provided by “imprints,” (not shown here) indicate the solid dense surface of the material. Porous forms of this material (from size of 150-300 microns) allow for bone ingrowth and soft tissue ingrowth.

MICRON®

Micron is our patented finishing process for titanium implants. This proprietary chemical process not only smooths the surface but also “builds” it, which reduces glare.

TITANIUM

Titanium (ASTM F 136) is used in many medical implants. It has excellent corrosion resistance and is well accepted by tissue. Therefore it is highly recommended for use in all prosessses.

POLYETHYLENE

Polyethylene, which is composed of only carbon and hydrogen atoms, is a popular implant material used in a variety of microsurgery applications. Biocompatibility and the ability to have smooth surfaces are key factors that make polyethylene appropriate for otology implants. It is available in white.

POROUS POLYSTYRENE

Porous polyethylene (Plasti-Pore®) is formed from molding individual polyethylene granules. It permits tissue ingrowth into the interconnecting pores of the implant material. The base resin, polyethylene, is known to be a very inert material. The white color of the base is only used by Olympus.