

Sulzer Orthopedics
Joint Care / Fracture Care

Allofit™ Acetabular Cup System
Unique ridgelock surface designed for easy
implantation and stability.

Allofit Acetabular Cup System



SULZERMEDICA

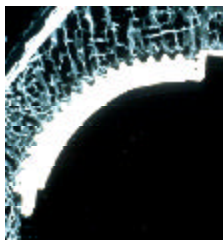
An Elegant Press-Fit Solution

Unique RidgeloTM surface designed for easy insertion and maximum stability.

The comprehensive Allofit acetabular cup system is designed to achieve maximum stability in virtually every press-fit situation.

Since its introduction in 1993, more than 40,000 Allofit shells have been implanted. Mid-term results are outstanding.*

The Allofit System offers multiple options to meet a variety of patient needs and surgeon preferences. It's available for use with advanced tribological technologies such as metal-on-metal and highly crosslinked polyethylene that offer potential in extending the lifetime of the implant.



3 months *in vivo*.

The patented Ridgelo surface combines the advantages of a high-interface strength macrostructure with enhanced secondary stability from the grit-blasted microstructure.

This Ridgelo surface is integral to the titanium shell and created by a patented forging process.**

The non-additive process allows altering the direction of the barb-shaped teeth across the surface of the cup for maximum stability and ease of insertion.

*Data on file at Sulzer Orthopedics.

**U.S. patents #5,553,476 and #5,755,799.

MIDTERM RESULTS

Prospective Study with a 5-Year Follow-up*

Patient Population:

- 55 THA between 1993 and 1994
- 13 Allofit-S; 42 Allofit
- Average follow-up = 57.5 months
- Average age = 75.1 years

At 5-Years Follow-up:

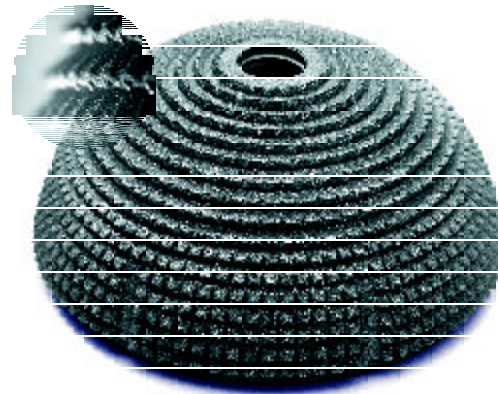
- 9 patients died, 1 lost to follow-up

Outcome:

- X-ray evaluations show no signs of loosening. No cups showed radiolucent lines in more than two Gruen's zones
- No signs of osteolysis, bone atrophy or sclerotization
- No measurable cup migration

Data courtesy of Professor Dr. N. Boehler, General Hospital, Linz, Austria.

Intelligent tri-radius geometry ensures minimal bone resection and aims to establish physiological load transfer throughout the periphery of the cup. The Allofit is oversized 2mm at the rim of the cup and slightly undersized at the dome.

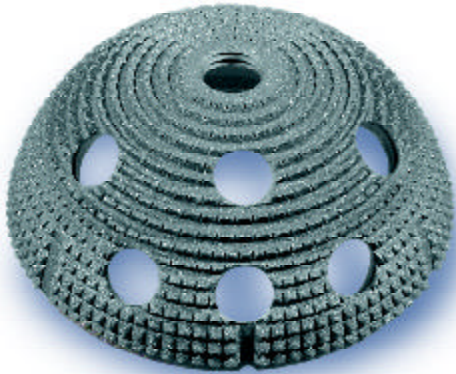


Allofit

Allofit

Leading Tribological Solutions

The Allofit System offers an industry-leading set of alternative bearing options, addressing the most dominant complication in THA: late loosening due to osteolysis.



Allofit-S

MACROSTRUCTURE: patented Ridglock surface provides optimum bone engagement. Direction of teeth changes across surface for greater mechanical stability and ease of insertion.

MICROSTRUCTURE: Secondary stability enhanced by grit-blasted titanium surface.

6 longitudinal grooves around the periphery of the cup further promote primary stability.

3mm commercially pure titanium shell ensures optimal thickness of the polyethylene inserts.

Sealable screw holes; sealed dome hole.



Metasul[®] metal-on-metal inserts used for over 13 years in more than 140,000 patients worldwide with excellent results. Available in standard and hooded options and 28mm articulating diameter.



Durasul[™] highly crosslinked polyethylene, which has shown no measurable wear on a physiological hip simulator. Available in standard and hooded options and 28 and 32mm articulating diameters.



Sulene[™] conventional polyethylene with increased crosslinking and improved long-term stability due to gamma sterilization under nitrogen gas atmosphere. Available in 28 and 32mm articulating diameters.

allofit

Sulzer Orthopedics

Innovators in Medical Device Technology

Knees

Apollo® Knee System

Classic condylar knee replacement system.

MOST™ System

Modular knee and hip options for severe bone loss and trauma.

Natural-Knee® System

Anatomic design for superior clinical results.

Hips

Alloclassic™ Hip

Classic proven design with superior clinical results.

Allofit™ Acetabular Cup System

Unique ridgelock surface designed for easy implantation and stability.

Apollo® Hip System

Designed for optimal results with low-demand patients.

APR® Anatomical Hip System

Anatomically designed hip replacement system.

Durasul™ Tribological System

Highly crosslinked polyethylene without measurable wear.

FracSure™ Hip System

A classic design for hip fractures.

Inter-Op™ Acetabular System

Leading-edge technology in a porous acetabular system.

Metasul® Metal-on-Metal acetabular components

Backed by a limited Lifetime Warranty and over 10 years clinical results.

MS-30™ Hip

A highly polished cemented stem.

Natural-Hip™ System

A complete, state-of-the-art hip system.

Precedent™ Revision Hip System

A better solution for revision hips.

SL Revision™ Hip System

A stable revision design with extensive sizes.

Upper Extremities

Anatomical™ Shoulder System

Infinite adjustments of inclination & retroversion for precisely restored anatomy.

GSB® Elbow System

A nonconstrained design with 21 years of clinical results.

Select® Shoulder System

TSA and fracture management with offset head options.

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The Allofit Acetabular System is intended for use without bone cement. Metasul acetabular components must be used only with Metasul femoral heads and Sulzer Orthopedics femoral components. Members of the medical profession should determine the appropriateness of the surgical procedures and techniques herein based upon his/her own medical training, knowledge and experience.

Products are distributed in Europe by Sulzer Orthopedics Ltd., Grabenstrasse 25, CH-6341, Baar, Switzerland, 011 (41) 41-768-3232; in Canada by Sulzer Orthopedics Canada, Inc., 265 Bartley Drive, Toronto, Ontario, Canada M4A2N7, (416) 751-8787; in Australia by Sulzer Australia Medical, Level 5, 384 Eastern Valley Way, Chatswood, NSW 2067, Australia, 011 61 2 9417 7922; and in Japan by Sulzermedica Japan K.K., Itopia Eitai Bldg., 7F 1-3-7, Saga, Koto-Ku, Tokyo 135-0031, Japan, 011 81 3 3820 7477.

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