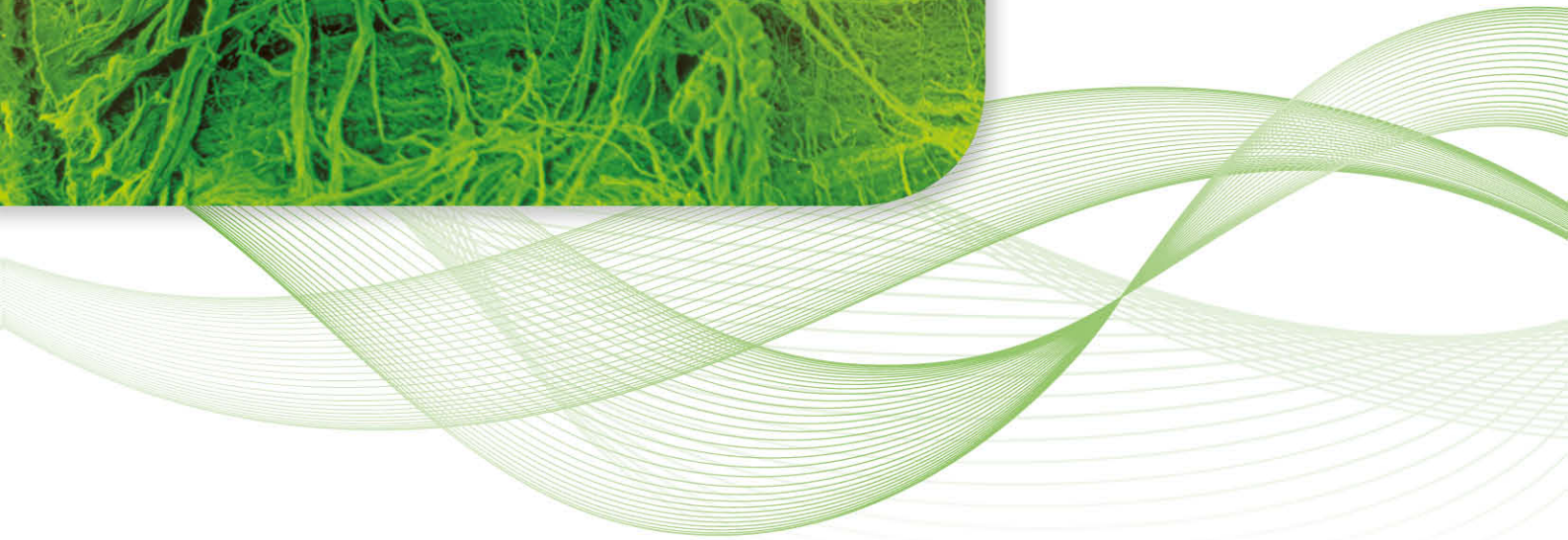
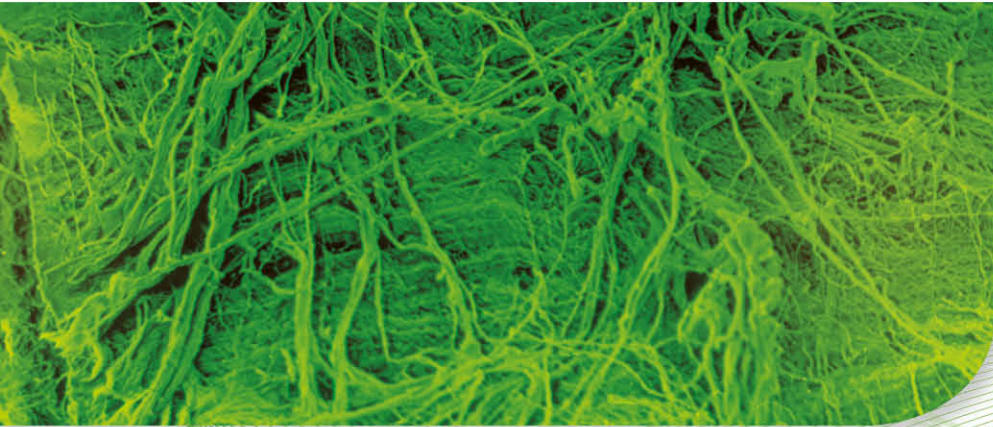


NOVOMEDICS

MODERNE MEDIZINTECHNIK



Xenogeneic Grafts



A HIGHER STANDARD®

IN COMPLIANCE WITH HEALTH ■

Since the company's founding, RTI Surgical, Inc. has remained at the forefront of a changing industry, becoming one of the largest processors of biologic implants and a global leader in tissue-based innovations. We continue to break new ground with developments that are changing regenerative medicine.

The Germany-based company Tutogen Medical has been a part of this global success story, being a subsidiary of Florida/US-based RTI Surgical since 2008.

The German subsidiary focusses on preparing human donated tissue as well as animal tissue for a wide range of medical procedures, using the so-called Tutoplast® sterilization process. For decades, this multi-step process has been renowned as a globally recognized procedure which meets the requirements for tissue preservation. The process is validated for the inactivation of enveloped and non-enveloped RNA and DNA viruses and decreases the bacterial load. The ensuing irradiation-based, tissue-friendly sterilization step leads to a sterile pharmaceutical or medical device.

The allograft and xenograft tissue transplants undergoing the Tutoplast sterilization process are mainly used in the medical disciplines of orthopedics, spine surgery, soft tissue repair as well as dental surgery.





INNOVATION AND COMPETENCE FOR MORE THAN 40 YEARS ■

Our focus on innovation is the key to our leadership position in the tissue processing market.

We employ all our know-how and innovative strength to produce high-quality products that help heal patients and improve their quality of life. Flexibility and tending to special wishes are just as important to us as producing our standard products with the utmost quality to best serve our customers and their patients. RTI Surgical products carry results from over 5 million implants and more than 40 years of experience. All xenogeneic products fall under the Medical Device

Directive. The quality system is subject to regular audits made by the notified body (CE 0086) and stringent in-house quality assurance. Our products meet all safety and performance requirements.

Our success as a global player is thanks to consistently high levels of integrity, trust, respect, and compliance with relevant laws. A code of behavior that defines our high standards and an ethical business policy are integrated throughout the internal and external processes at RTI Surgical.

These high standards are evident in our responsible interactions with all outside parties including our suppliers, customers, and regulatory authorities.

Based on more than 40 years of experience, Tutoplast®-processed tissue transplants are proven, approved and used throughout the world. Across the entire quality chain, up to the delivery to surgeons and clinics, the tissue transplants are subject to multiple safeguards that ensure the high quality of the surgical solution.

TUTOPLAST®: A GIFT FOR HEALTH. ■

The Tutoplast® process is a unique multiple-step preservation and sterilization process for connective and supporting tissue which removes antigenic properties of the tissue. At the same time it inactivates pathogens without negatively changing the structure, biomechanics, or convertibility of

the tissue. The complete production process is performed in a controlled clean room environment and is subject to ongoing quality control. Surveillance of the medical device manufacturer is performed by the notified body BSI (UK).

Internationally TUTOGEN grafts are inspected by the appropriate health authorities, such as e.g. the American „FDA“, and are registered and authorized in numerous countries throughout the world.



THE TUTOPLAST® PROCESS. ■

All xenogeneic transplants which underwent the Tutoplast® process share the following outstanding properties:

- ▶ Sterile according to DIN EN 556-1, reaching SAL 10⁶ (Sterility Assurance Level)
- ▶ Biocompatible
- ▶ Completely convertible
- ▶ Industry-leading process, referenced in 900+ publications
- ▶ Quality „Made in Germany“

XENOGENEIC CANCELLOUS BONE ■

ORTHOPAEDICS ■

BONE
 REGENERATION
 AND OSTEO-
 GENESIS



TUTOBONE® Particles		UNITS
68303	ø 4 mm - 10 mm 30 cm ³	1
68313	ø 4 mm - 10 mm 15 cm ³	1
68318	ø 4 mm - 10 mm 5 cm ³	1



TUTOBONE® Granulates		UNITS
68315	ø 2 mm - 4 mm 30 cm ³	1
68314	ø 2 mm - 4 mm 15 cm ³	1
68337	ø 2 mm - 4 mm 10 cm ³	1
68336	ø 2 mm - 4 mm 5 cm ³	1
68319	ø 2 mm - 4 mm 3 cm ³	1

All our xenogeneic products are certified medical devices (CE 0086).

XENOGENEIC CANCELLOUS BONE



TUTOBONE® Block		UNITS
68302	20 mm x 20 mm x 30 mm	1
68301	10 mm x 20 mm x 20 mm	1
68300	10 mm x 10 mm x 20 mm	1



TUTOBONE® Dowel		UNITS
68312	∅ 16 mm H 20 mm	1
68311	∅ 14 mm H 20 mm	1
68310	∅ 12 mm H 20 mm	1
68309	∅ 11 mm H 20 mm	1
68332	∅ 11 mm H 10 mm	1

**SPECIAL PRODUCTS
AVAILABLE ONLY ON REQUEST**

68335	∅ 14 mm H 14 mm	1
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XENOGENEIC CANCELLOUS BONE ■



TUTOBONE® wedge		UNITS
68325	40 mm x 25 mm x 14 mm	1
68324	40 mm x 25 mm x 12 mm	1
68323	35 mm x 25 mm x 12 mm	1
68329	35 mm x 25 mm x 10 mm	1
68321	35 mm x 22 mm x 8 mm	1
68320	35 mm x 22 mm x 5 mm	1



TUTOBONE® plate		UNITS
68326	3 mm x 25 mm x 15 mm	1



TUTOBONE® rod		UNITS
68327	35 mm x 4 mm x 3 mm	1

ORTHOPAEDICS ■



XENOGENEIC COLLAGEN MEMBRANES

SURGERY

SOFT TISSUE
REPLACEMENT



FORTIVA® porcine dermis		UNITS
61111	60 mm x 60 mm	1
61110	80 mm x 80 mm	1
61119	80 mm x 160 mm	1
61109	100 mm x 100 mm	1
61108	100 mm x 160 mm	1
61107	80 mm x 220 mm	1
61106	100 mm x 250 mm	1
61105	160 mm x 200 mm	1
61104	200 mm x 200 mm	1
61103	200 mm x 250 mm	1
61102	200 mm x 350 mm	1
61101	300 mm x 300 mm	1
61100	350 mm x 350 mm	1

All our xenogenic products are certified medical devices (CE 0086).

XENOGENEIC COLLAGEN MEMBRANES.



TUTOMESH® bovine pericardium		UNITS
68443	120 mm x 160 mm	1
68442	80 mm x 120 mm	1

SPECIAL PRODUCTS
 AVAILABLE ONLY ON REQUEST

68444	120 mm x 200 mm	1
68441	60 mm x 80 mm	1
68440	40 mm x 50 mm	1

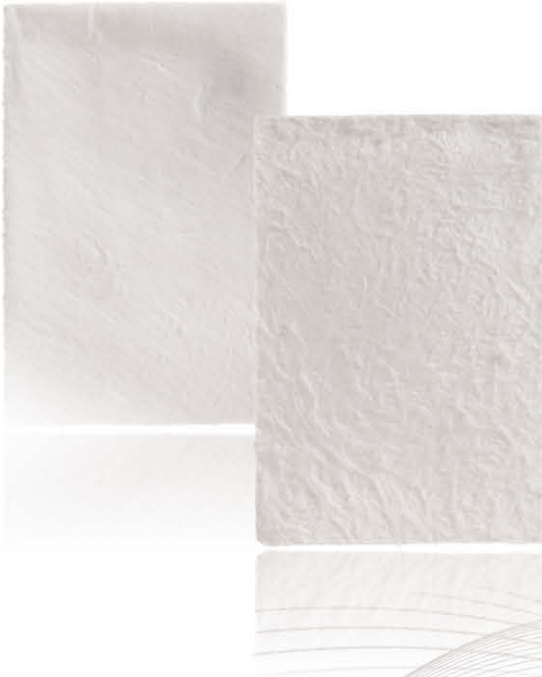
SURGERY



TUTOMESH® oval - bovine pericardium		UNITS
68542	130 mm x 220 mm	1
68541	120 mm x 200 mm	1
68540	110 mm x 180 mm	1
68543	100 mm x 160 mm	1

XENOGENEIC COLLAGEN MEMBRANES

CHIRURGIE



TUTOPATCH® bovine pericardium		UNITS
68366	140 mm x 200 mm	1
68355	120 mm x 160 mm	1
68367	80 mm x 110 mm	1
68362	70 mm x 80 mm	1
68354	60 mm x 140 mm	1
68353	60 mm x 80 mm	1
68360	50 mm x 110 mm	1
68352	40 mm x 100 mm	1
68351	40 mm x 50 mm	1
68358	30 mm x 40 mm	1
68357	20 mm x 100 mm	1
68350	20 mm x 30 mm	1
68361	15 mm x 30 mm	1
68356	15 mm x 20 mm	1
68364	3 mm x 120 mm	1
68359	ø 14 mm	1



TUTOPATCH® ET (Extra Thin) bovine pericardium		UNITS
68342	ø 80 mm 0,1 - 0,4 mm	1
68341	ø 60 mm 0,1 - 0,4 mm	1
68349	ø 20 mm 0,1 - 0,25 mm	1
68348	ø 14 mm 0,1 - 0,25 mm	1
68347	ø 10 mm 0,1 - 0,25 mm	1

QUALITY MADE IN GERMANY

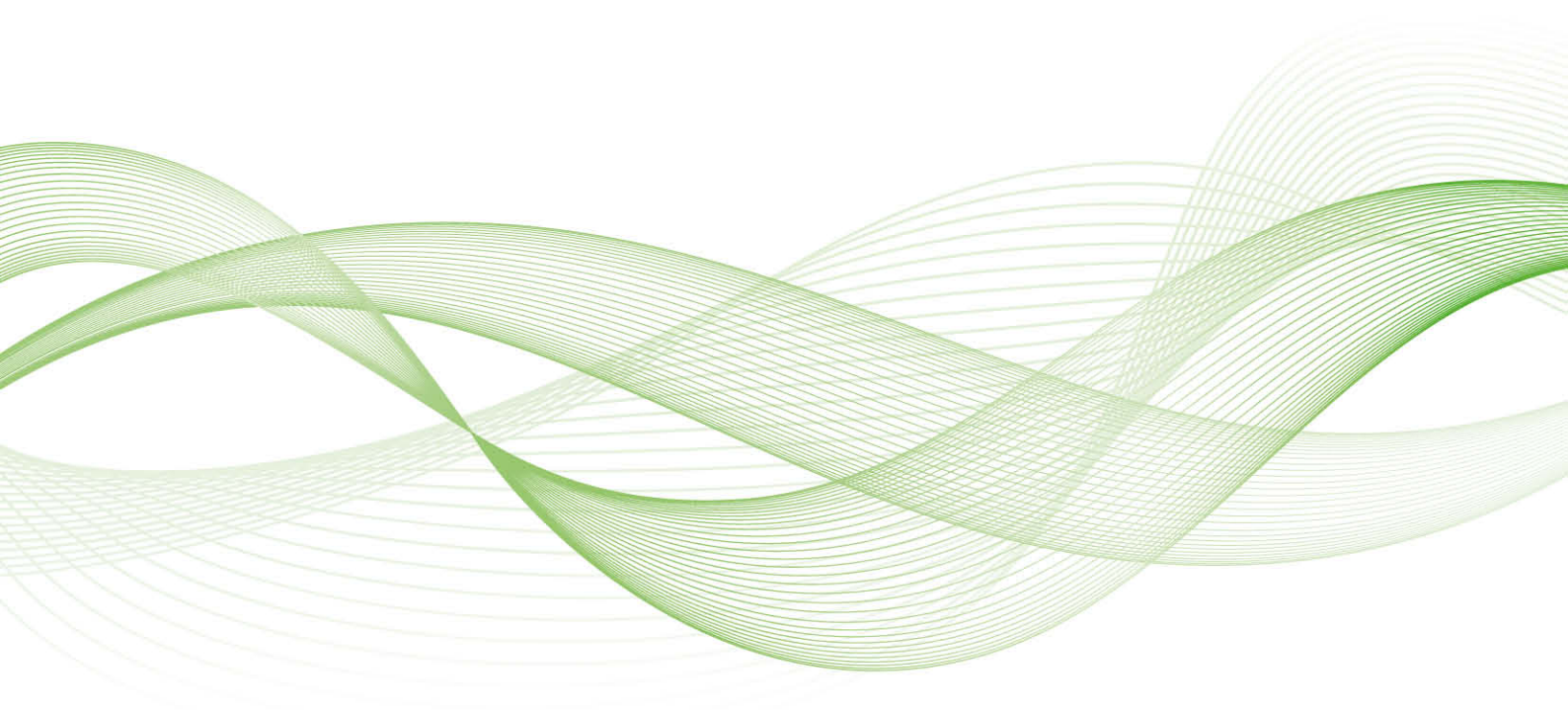


In times of global competition and plagiarism in the medical sector, Tutogen continues to manufacture its products exclusively in Neunkirchen am Brand, in the heart of the Franconian „Medical Valley“, situated in the metropolitan region of Nuremberg/Erlangen, Germany. This ensures consistently high quality products, creates transparency as to the place of origin and manufacture, and guarantees full compliance with all regulatory and medical requirements.

Our xenogeneic products are certified medical devices that rightly carry the quality seal „MADE IN GERMANY“.



QUALITY & SAFETY
GENERATE TRUST



NOVOMEDICS

MODERNE MEDIZINTECHNIK

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