ACRO Biomedical Co., Ltd.

Introduction of ACRO Biomedical

Company Profile

ACRO Biomedical was founded in June 2014, and is positioning in developing and producing medical devices for the application of tissue engineering and regenerative medicine.
ACRO Biomedical uses its proprietary supercritical CO_2 extraction technology to remove cells, fats and non-collagenous proteins, while keeping the undiminished collagen scaffold as the product for high-end medical devices in the field of wound care, orthopedic, dentistry, ophthalmology, aesthetic microsurgery, cardiovascular and neural surgery, etc.

In the leading position in global tissue engineering with advance technique and complete product pipeline.

In 2016, world's first successful canine corneal transplantation was conducted.

System Compliance

Our manufacturing facility is complied with the international ISO13485 and medical device GMP regulation.

ACRO Biomedical Co., Ltd.
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Presafe® A DNV GL & NEMKO COMPANY
G.M.P. MEDICAL DEVICE

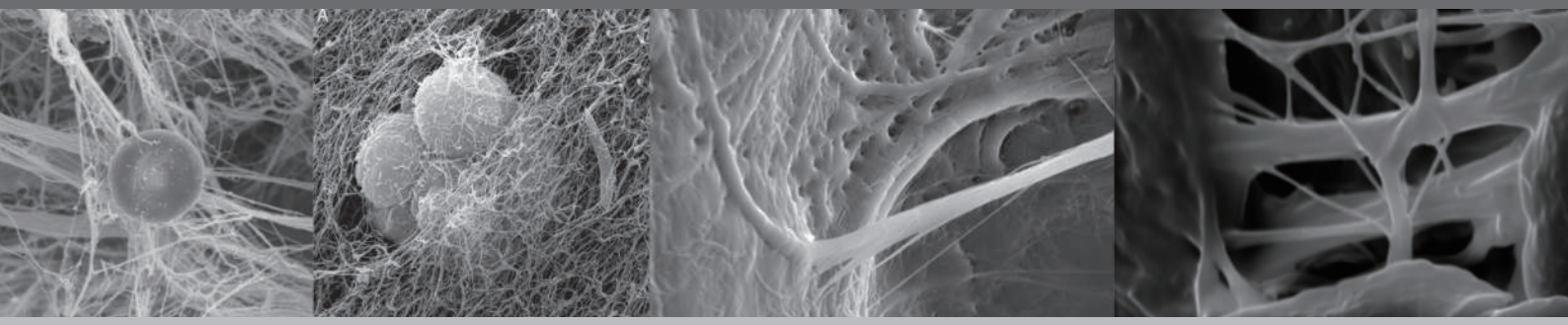
Our Mission

ACRO Biomedical strives to improve the health benefit of patients in unmet clinical need.
We apply the best clean technology to ensure the safety and efficacy of our medical devices.

Proprietary Technology: Supercritical $ScCO_2$ decellularized process

Porcine skin, bone, cartilage, cornea, blood vessel, and spinal cord are decellularized using supercritical CO_2 ($ScCO_2$), in order to be made for the medical devices for organ and tissue repair.

Before | After



Supercritical CO_2 is used to remove cells, fats and other substances in animal organs and tissues, while keeping the undiminished collagen scaffold as the product for the high-end medical devices.

Product Pipelines

Ophthalmology

Collagen Ophthalmic Matrix and Biocornea

Cartilage Graft

Cartilage Strip for Rhinoplasty, Cartilage Graft for Osteoarthritis.

Orthopedic

Bone Graft (granule, cube, strip form)

Dental Care

Collagen Membrane and Dental Bone Graft

Aesthetic Medicine

Collagen Dermal Filler

Biomedical Grade Atelocollagen Solution

Wound Care

Collagen Matrix, Collagen Matrix Powder, Decellular Dermis, Wound Care Spray, Wound Care Gel and Wound Care Mask.

Cosmetic Skin Care Products

Medical Devices for Companion Animals

Collagen Scaffolds for Basic Research in the fields of Tissue Engineering