

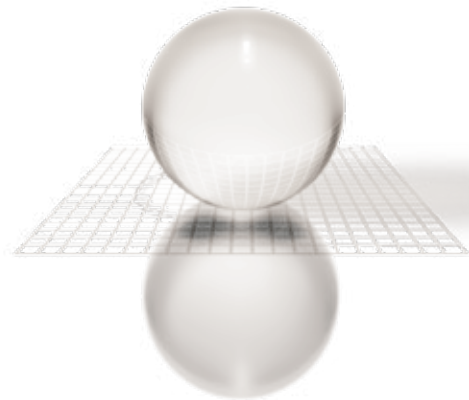
COUSIN BIOTECH



Our expertise for your implants



Together for innovation...



Implants that suit you

COUSIN BIOTECH is your ideal partner to design and manufacture your devices, using **implantable supple materials and textiles**. With more than 160 years experience in textiles, mechanical engineering and plastics, we meet your specifications and develop the right device for your market.

A global and complete control of materials and technologies

With the experience and creativity of our Research & Development department, we provide innovative solutions for your implants. We are highly specialised in a wide range of biocompatible materials, including:

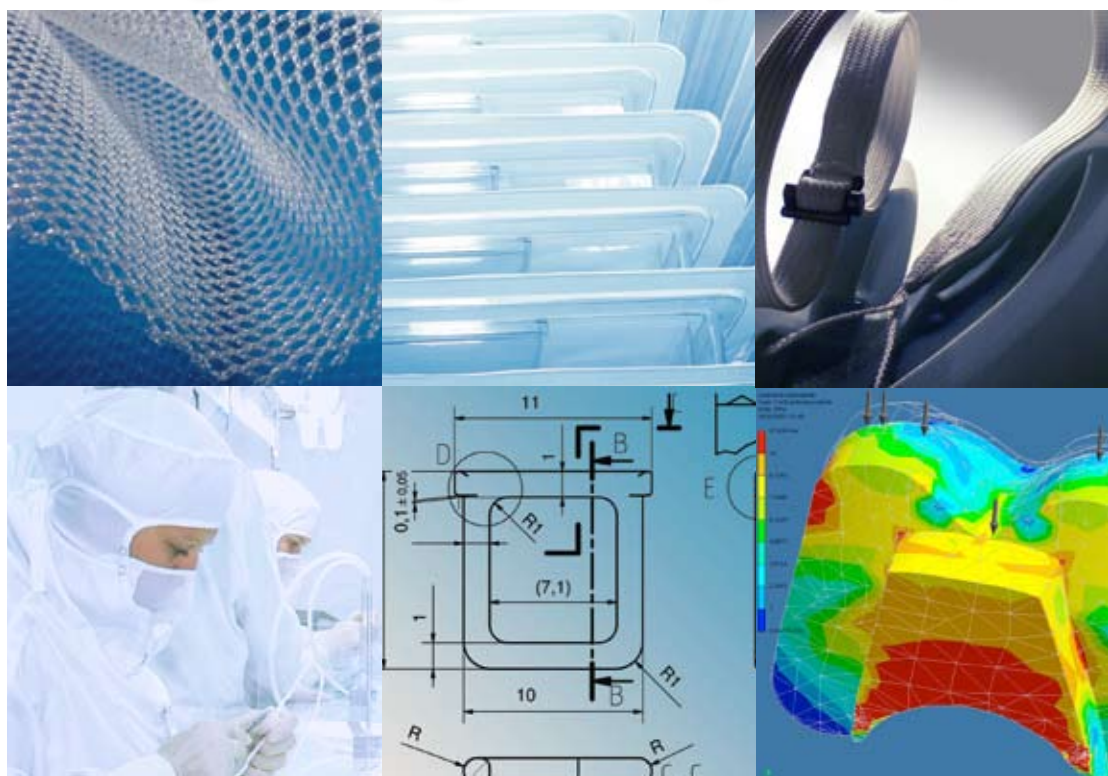
- > **fibers and monofilaments** made of polyester, polyethylene, polypropylene, polyamide, etc.
- > **resorbable fibers and materials**, such as Poly L Lactic Acid, polyvinylpyrrolidone, etc.
- > **elastic and shock absorbent materials**, such as silicone, etc.
- > **metal and ceramic materials**, including titanium, stainless steel, nitinol, zircon, alumina, etc.

Based on our transformation processes of these biomaterials, we offer products with the required mechanical properties and characteristics. These technologies are based on:

- > braiding, knitting, weaving and non-woven fabrics
- > sheeting, impregnation and coating
- > hot, cold, ultrasonic and laser cutting
- > assembly by sewing, bonding, crimping or welding
- > ultrasonic, dry or high-temperature oven heat treatments
- > moulding, machining

All of our products are manufactured in clean rooms in a controlled environment.

The right designer for your implants



Customised solutions

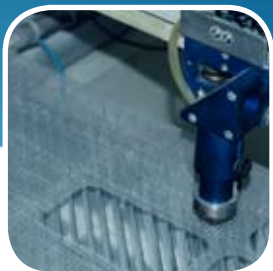
COUSIN BIOTECH is committed to respect the confidential nature of every project and offers a broad range of services:

- > design according to technical or functional specifications
- > manufacturing in perfect accordance with our quality system
- > development or adaptation of industrial processes
- > cleaning, spin finish removal and packaging
- > sterilisation using certified procedures (ethylene oxide or gamma radiation),
- > registration (CE marking, 510k, etc.)

A range of varied applications

For more than 20 years, we have been developing and manufacturing products used in many different applications, especially:

- > **orthopaedic surgery:** dynamic shock absorbent system for spine, ligament reinforcement system, implants for traumatology, maxillofacial surgery, surgery of the extremities, etc.
- > **visceral surgery:** reinforcement of the abdominal wall, gastric band, etc.
- > **urogynaecological surgery:** incontinence, reconstruction of the pelvic floor, etc.
- > **plastic surgery:** facial suspension threads
- > **pneumology and ear, nose, throat:** tracheobronchial and oesophageal stents, etc.



Guaranteed quality



CE
0120

FDA REGISTERED
MEDICAL DEVICE MANUFACTURER

The strong control of industrial processes, from design to manufacturing, is the guarantee of each of our products. Quality controls are made at every step of the process:

- > validation of the raw materials and the manufacturing processes
- > physical, chemical and microbiological tests
- > mechanical tests
- > visual and dimensional controls

COUSIN BIOTECH is ISO 13485 (Europe and Canada), ISO 9001 certified and FDA registered.

Some key dates

2008: New manufacturing plant

2007: Winner of the national INPI award for innovation

2004: ISO 13485 certification for Canada

2003: First gastric band

1996: ISO 9001, EN 46001 (=ISO 13485) certifications and CE marking

1994: First reinforcement mesh

1986: First polyethylene artificial ligament

1848: Cousin Frères is founded by Louis Cousin



Cousin Biotech

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