

Technology Request

Medical titanium and body-absorbable materials to develop a taker used in hernia repair surgery

Summary

A Korean medical device provider is currently looking for partners that can offer special materials for surgical device of hernia repair. The material needs to be absorbable and innocuous to humans. The company is open to any type of organizations including companies, and universities. They are interested in license and/or commercial agreement with technical assistance.

Creation Date	12 April 2017
Last Update	13 June 2017
Expiration Date	13 June 2018
Reference	TRKR20170412002

Details

Description

A Korean SME is a venture company specialised in adhesive transparent wound dressings. It is a certificated manufacturer of medical devices. It has been granted a patent for composition for wound dressing with natural extract in Korea.

In Korea, there are about 34,000 hernia repair surgeries performed annually. The repair surgery needs a taker for fixing the mesh on the abdominal walls. Most of the takers distributed in Korea do not decompose in human body and remain in human body.

The company is looking for medical titanium and body-absorbable materials (in both) to develop a taker used in hernia repair surgery. The materials which are searched for need to disintegrate and be absorbed into the body. They are also required not to cause any rejection.

They are interested in developing medical devices with the materials and utilizing the materials for treatment of urinary incontinence or plastic surgery. They are seeking companies, or universities for commercial with technical assistance and license agreement. They have interest in research and development of the material to develop the device.

Technical Specification or Expertise Sought

- absorbable and innocuous to human body
- no rejection
- utilizable for urinary incontinence treatment or plastic surgery

Stage of Development

Already on the market

Keywords

Technology

06001013	Medical Technology / Biomedical Engineering
06001017	Surgery
06001024	Medical Biomaterials
06006001	Biobased Materials
06006005	Biobased high-performance materials

Market

05004001	Electromedical and medical equipment
05004004	Medical instruments
05004006	Surgical instrumentation and equipment
08001023	Other chemicals and materials (not elsewhere classified)

NACE

C.32.5.0	Manufacture of medical and dental instruments and supplies
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Network Contact

Issuing Partner

Deltatech-Korea Ltd

Contact Person

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Open for EOI : **Yes**

Dissemination

Send to Sector Group

Healthcare

Client

Type and Size of Organisation Behind the Profile

Industry SME <= 10

Year Established

0

Already Engaged in Trans-National Cooperation

No.

Languages Spoken

English

Client Country

South Korea

Partner Sought

Type and Role of Partner Sought

Type of partner sought

- SME, Universities, and larger company

Specific area of activity of partner

- medical instrument

Tasks to be performed by the partner sought

- License agreement and commercial agreement with technical assistance

- Exploring the special material that is proper for further development

Type and Size of Partner Sought

SME 11-50, University, R&D Institution, SME <10, 251-500, SME 51-250, >500

Type of Partnership Considered

License agreement

Commercial agreement with technical assistance

Attachments
