



New medical-imaging tool via colonoscopy: measures the size of polyps.

KEY WORDS:

Early detection of colorectal cancer

Gastro-enterology diagnosis

Measures polyp size

Flexible endoscopy

PARTNERSHIP SOUGHT

Looking for licences.

MARKET

- Coloscopy is currently the preferred medical procedure for diagnosis and treatment of pathologies in gastroenterology. The target market in gastro-intestinal endoscopy, U.S. and Europe markets combined, is estimated at 4.4 billion dollars for 2020.
- This market is sustained by the increase in colorectal cancer for which colonoscopies are the most common procedure since they combine diagnosis and treatment.

TECHNOLOGY DESCRIPTION

- Polyp size is essential information for the diagnosis, but it is difficult for the practitioner to estimate if they do not have the information about the scale of the organ explored. The technology proposes to measure the precise size of polyps through endoscopy.
- The medical intervention is performed by a gastroenterologist who refers to the images on the screen to make their diagnosis and perhaps resection polyps, which are small excrescences that develop on mucous membranes, which can become cancerous.

COMPETITIVE ADVANTAGES

- Operational prototype
- Standardisation of the polyp resection procedure.
- Hardware and software association

INTELLECTUAL PROPERTY

- Software

REFERENCE

PIMS

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D'ACCÉLÉRATION
DU TRANSFERT
DE TECHNOLOGIE
GRAND CENTRE

Magali GRANGER
Business Developer

Tél. : +33 (0)6 34 22 36 89
Mail : magali.granger@sattgc.com

8 rue Pablo Picasso
63000 Clermont-Ferrand

www.sattgc.com