Objective

The aim of TROY Project is to develop an innovative diagnosis system and indirectly promote the prevention and early warning of superficial cancer and premalignant precursor lesions in the Gastrointestinal tract. The TROY Project intents to develop an Ultrasound Capsule to be used as a first line exam for investigation of diseases in the gastrointestinal tract, such as cancers, Crohn's disease and ulceration. Endoscopy is a field in high evolution and technological investigation that closes the diagnostic gap by enabling physicians to directly view the entire digestive tract.

This is a bigger task than most people realize, since the average adult digestive tract is approximately 9 meters in length. Gastrointestinal endoscopes are now recognized as the only medical devices that can simultaneously perform observations,
diagnoses and treatment. The idealized capsule endoscopes will be different from conventional endoscopes once that it does not involve tube insertions or cause pain to the patients.

Fields of science

Programme(s)

Topic(s)

Call for proposal
FP6-2004-SME-COOP

Funding Scheme

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