

# Gastrointestinal Tract Insufflation For Capsule Endoscopy: A Wireless System To Enhance Capsule Colonoscopy And Colorectal Cancer Screening By Santina Battaglia

By Santina Battaglia

of small bowel capsule endoscopy make sure that the capsule reaches the gastrointestinal tract Wireless insufflation of the gastrointestinal

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4295178/>

A system and method of wireless controlled CO<sub>2</sub> insufflation for use in colon capsule endoscopy. The system includes a level of insufflation to enhance

<http://www.fags.org/patents/app/20140081169>

of the gastrointestinal tract. wireless capsule endoscopy or colonoscopy with terminal colonoscopy. Screening for colorectal cancer with

<http://www.intechopen.com/books/endoscopy-of-gi-tract/diagnostic-endoscopy>

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[http://www.dldjournalonline.com/article/S1590-8658\(13\)00045-5/fulltext](http://www.dldjournalonline.com/article/S1590-8658(13)00045-5/fulltext)

Colon capsule versus CT colonography in patients with

<http://gut.bmj.com/content/early/2014/06/24/gut.jnl-2013-306550.long?cited-by=yes&legid=gut.jnl;gut.jnl-2013-306550v1>

However it is more rigorous as the bowel cleanliness for capsule colonoscopy has to or insufflation of the capsule through the gastrointestinal tract.

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3139277/>

with main aim to develop an advance cancer screening method friendly Dario P. Wireless capsule endoscopy: imaging of gastrointestinal tract

<http://www.wjnet.com/1007-9327/pdf/v21/i17/5119.doc>

low specificity rates have thus far prevented swallowable capsule endoscopes from replacing traditional endoscopy Insufflation of the Gastrointestinal Tract.

[http://www.academia.edu/12880914/Wireless\\_Insufflation\\_of\\_the\\_Gastrointestinal\\_Tract](http://www.academia.edu/12880914/Wireless_Insufflation_of_the_Gastrointestinal_Tract)

Gastrointestinal tract insufflation for capsule endoscopy: A wireless system to enhance capsule colonoscopy and colorectal cancer screening: Amazon.it: Santina

<http://www.amazon.it/Gastrointestinal-tract-insufflation-capsule-endoscopy/dp/3639619706>

Gastrointestinal tract insufflation for capsule endoscopy: A wireless system to enhance capsule colonoscopy and colorectal cancer screening [Santina Battaglia] on

<http://www.amazon.com/Gastrointestinal-tract-insufflation-capsule-endoscopy/dp/3639619706>

Douglas K. Rex School of Medicine, Medicine, Gastroenterology  
[http://www.experts.scival.com/indiana/expertPubs.asp?u\\_id=257](http://www.experts.scival.com/indiana/expertPubs.asp?u_id=257)

and optimized. This paper presents a novel robotic platform for laser assisted transurethral surgery of BPH. The system,  
<http://www.jove.com/visualize?author=A+Menciassi>

when the composition is administered into a colon of a subject undergoing colonoscopy, e.g. to cleanse the colon of a subject in order to enhance  
<https://www.google.com/patents/WO2011047178A1?cl=en>

This feed contains the latest research in the Endoscopy man was found to have a 3-cm epiphrenic esophageal diverticulum on an upper gastrointestinal  
<http://www.medworm.com/rss/medicalfeeds/procedures/Endoscopy-Research.xml>

May 25, 2005 announced that results of a study presented at the 2005 Digestive to capsule endoscopy in detecting colon insufflation system.  
<http://www.endonurse.com/news/2005/05/ct-enterography-superior-to-capsule-endoscopy-for.aspx>  
COLONOSCOPY Edited by Paul Miskovitz . COLONOSCOPY Edited by Paul Miskovitz . Startseite Entdecken Suche Sie. slideshare Upload; Einloggen; Anmeldung;  
<http://de.slideshare.net/jewelbillah/colonoscopy-36427051>

The current practice of removing adenomatous polyps of the colon and rectum is based on the belief that this will prevent colorectal cancer. To address the hypothesis  
[http://www.nejm.org/doi/full/10.1056/NEJM199312303292701?keytype=tf\\_ipsecsha&ijkey=23f006d2ab47f6d8ba8b1cc444e94d067ee24188&](http://www.nejm.org/doi/full/10.1056/NEJM199312303292701?keytype=tf_ipsecsha&ijkey=23f006d2ab47f6d8ba8b1cc444e94d067ee24188&)

Original Article from The New England Journal of Medicine Colonoscopic Polypectomy and Long-Term Prevention of Colorectal-Cancer Deaths  
[http://www.nejm.org/doi/full/10.1056/NEJMoal100370?query=featured\\_home&&activeTab=comments](http://www.nejm.org/doi/full/10.1056/NEJMoal100370?query=featured_home&&activeTab=comments)

ASGE Program  
[http://www.giejournal.org/article/S0016-5107\(10\)01513-0/fulltext](http://www.giejournal.org/article/S0016-5107(10)01513-0/fulltext)

Nasal insufflation (snorting) (drugs absorbed through the GI tract pass through the liver before entering the systemic circulation, Capsule; Pastille;  
[http://en.wikipedia.org/wiki/Insufflation\\_\(medicine\)](http://en.wikipedia.org/wiki/Insufflation_(medicine))

Toward increasing the diagnostic ability of wireless capsule endoscopy, we propose a method to wirelessly insufflate the Gastrointestinal Tract.  
<http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=5627793>

Swallowable Robots. and R. J. Webster III, Wireless Insufflation of the Gastrointestinal Tract , Technologies for Gastrointestinal Endoscopy  
<http://research.vuse.vanderbilt.edu/MEDlab/research/swallowable-robots>

Capsule endoscopy may be less likely to produce accidental colonic perforations inside the digestive tract, However, capsules that are retained, even for  
<http://blogs.law.harvard.edu/billofhealth/2014/03/04/capsule-endoscopy-instead-of-colonoscopy-the-fda-approves-the-pillcam-colon/>

Colon capsule endoscopy - Techniques in Gastrointestinal Mobile  
[http://www.techgiendoscopy.com/article/S1096-2883\(15\)00008-X/fulltext](http://www.techgiendoscopy.com/article/S1096-2883(15)00008-X/fulltext)

Diagnosis rates for adenomas and for colorectal cancer during a colonoscopy upper gastrointestinal tract of wireless capsule endoscopy  
<http://www.pubfacts.com/author/Xavier+Dray>

Gastrointestinal tract insufflation for capsule endoscopy A wireless system to enhance capsule colonoscopy and colorectal cancer screening.  
<https://www.linkedin.com/pub/santina-battaglia/59/927/128>

Physical and schematic views of insufflation capsule. L. Obstein, P. Valdastrì, R. J. Webster III, Wireless Insufflation of the Gastrointestinal Tract ,  
<https://my.vanderbilt.edu/stormlab/research/medical-capsule-robots/wireless-insufflation/>

Current commercial wireless capsule endoscopes are limited to passive transit in the gastrointestinal tract current capsules are unable At the STORM Lab,  
<https://my.vanderbilt.edu/stormlab/research/medical-capsule-robots/>

Toward increasing the diagnostic ability of wireless capsule endoscopy, we propose a method to wirelessly insufflate the Gastrointestinal Tract.  
<http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.ieee-000005627793>

+08:00 2014-12-11T06:23:35+08:00

<http://www.imagingpathways.health.wa.gov.au/index.php/image-gallery/gastrointestinal/25-gastrointestinal-gastrointestinal?format=feed&type=atom>

Toward increasing the diagnostic ability of wireless capsule endoscopy, we propose a method to wirelessly insufflate the Gastrointestinal Tract. By increasing the  
[http://www.academia.edu/12399433/Toward\\_tetherless\\_insufflation\\_of\\_the\\_GI\\_Tract](http://www.academia.edu/12399433/Toward_tetherless_insufflation_of_the_GI_Tract)

need for sedation or insufflation. progression of the capsule through the gastrointestinal tract, Capsule Endoscopy. Gastrointestinal  
<http://www.nejm.org/doi/full/10.1056/NEJMoa0806347>

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