

Deding U, Cortegoso Valdivia P, Koulaouzidis A, Baatrup G, Toth E, Spada C, Fernández-Urién I, Pennazio M, Bjørsum-Meyer T. **Patient-Reported Outcomes and Preferences for Colon Capsule Endoscopy and Colonoscopy: A Systematic Review with Meta-Analysis.** *Diagnostics (Basel)*. 2021 Sep 20;11(9):1730. doi: 10.3390/diagnostics11091730. PMID: 34574071; PMCID: PMC8468090.

Bjørsum-Meyer T, Baatrup G, Koulaouzidis A. **Colon Capsule Endoscopy as a Diagnostic Adjunct in Patients with Symptoms from the Lower Gastrointestinal Tract.** *Diagnostics (Basel)*. 2021 Sep 13;11(9):1671. doi: 10.3390/diagnostics11091671. PMID: 34574011; PMCID: PMC8467213.

Bjoersum-Meyer T, Spada C, Watson A, Eliakim R, Baatrup G, Toth E, Koulaouzidis A. **What holds back colon capsule endoscopy from being the main diagnostic test for the large bowel in cancer screening?** *Gastrointest Endosc*. 2021 Sep 14:S0016-5107(21)01637-0. doi: 10.1016/j.gie.2021.09.007. Epub ahead of print. PMID: 34534495.

Rosa B, Margalit-Yehuda R, Gatt K, Sciberras M, Girelli C, Saurin JC, Valdivia PC, Cotter J, Eliakim R, Caprioli F, Baatrup G, Keuchel M, Ellul P, Toth E, Koulaouzidis A. **Scoring systems in clinical small-bowel capsule endoscopy: all you need to know!** *Endosc Int Open*. 2021 Jun;9(6):E802-E823. doi: 10.1055/a-1372-4051. Epub 2021 May 27. Erratum in: *Endosc Int Open*. 2021 Jun;9(6):C6. Erratum in: *Endosc Int Open*. 2021 Jun;9(6):C7. PMID: 34079861; PMCID: PMC8159625.

Herp J, Deding U, Buijs MM, Kroijer R, Baatrup G, Nadimi ES. **Feature Point**

Tracking-Based Localization of Colon Capsule Endoscope. *Diagnostics* (Basel).

2021 Jan 28;11(2):193. doi: 10.3390/diagnostics11020193. PMID: 33525715; PMCID: PMC7911448.

Deding U, Kaalby L, Bøggild H, Plantener E, Wollesen MK, Kobaek-Larsen M,

Hansen SJ, Baatrup G. **Colon Capsule Endoscopy vs. CT Colonography Following**

Incomplete Colonoscopy: A Systematic Review with Meta-Analysis. *Cancers* (Basel).

2020 Nov 13;12(11):3367. doi: 10.3390/cancers12113367. PMID: 33202936; PMCID: PMC7697096.

Kjølhede T, Ølholm AM, Kaalby L, Kidholm K, Qvist N, Baatrup G. **Diagnostic**

accuracy of capsule endoscopy compared with colonoscopy for polyp detection:

systematic review and meta-analyses. *Endoscopy*. 2021 Jul;53(7):713-721. doi:

10.1055/a-1249-3938. Epub 2020 Aug 28. PMID: 32858753.

Deding U, Herp J, Havshoei AL, Kobaek-Larsen M, Buijs MM, Nadimi ES, Baatrup

G. **Colon capsule endoscopy versus CT colonography after incomplete colonoscopy.**

Application of artificial intelligence algorithms to identify complete colonic

investigations. *United European Gastroenterol J*. 2020 Aug;8(7):782-789. doi:

10.1177/2050640620937593. PMID: 32731841; PMCID: PMC7435000.

Kaalby L, Deding U, Kobaek-Larsen M, Havshoi AV, Zimmermann-Nielsen E,

Thygesen MK, Kroeijer R, Bjørsum-Meyer T, Baatrup G. **Colon capsule endoscopy in**

colorectal cancer screening: a randomised controlled trial. *BMJ Open*

Gastroenterol. 2020 Jun;7(1):e000411. doi: 10.1136/bmjgast-2020-000411. PMID:

32601101; PMCID: PMC7326244.

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Morten Kobaek-Larsenb,₄ Emilie Nielsend, Claus D. Pedersend, Victoria

Blanes-Vidala, Gunnar Baatrupb,₅: **Application of Deep Learning for Autonomous**

Detection and Localization of Colorectal Polyps in Wireless Colon Capsule Endoscopy

Computers and Electrical Engineering, 81; 2020; 106531

Victoria Blanes-Vidal, Gunnar Baatrup, Esmail S. Nadimi: **Machine Learning-Based Colorectal Cancer**

Detection ABSTRACT

RACS'18, October 9-12, 2016. Honolulu, Hawaii USA