Name	**Yuichi Mori**
Country	**Japan**
Organization	**Digestive Disease Center, Showa University Northern Yokohama Hospital**
Current Position	**Associate Professor**

Educational Background

Academic education

2013 PhD degree, Showa University Graduate School of Medicine, Tokyo, Japan
1999 – 2005 Bachelor of Medicine, Niigata University, Niigata, Japan

Postgraduate training

2016 One month observing training in Beth Israel Deaconess Medical Center, Harvard Medical School, Boston
2007– 2012 Fellowship program in gastroenterology and endoscopy in ShowaUniversity Northern Yokohama Hospital
2007 – 2009 Residency program in internal medicine in Showa University Northern Yokohama Hospital
2005-2006 Rotating internship in internal medicine, surgery, pediatrics, gynecology and obstetrics in Nagaoka Chuo General Hospital

Professional Experiences

2017- Associate professor of the Digestive Disease Center, Showa University Northern Yokohama Hospital
2013-2017 Assistant professor of the Digestive Disease Center, Showa University Northern Yokohama Hospital
2007-2012 Fellowship program in gastroenterology and endoscopy in Showa University Northern Yokohama Hospital
2007-2009 Residency program in internal medicine in Showa University Northern Yokohama Hospital
2005-2006 Rotating internship in internal medicine, surgery, pediatrics, gynecology and obstetrics in Nagaoka Chuo General Hospital

Professional Organizations

Faculty appointment of Societies

Councilor of Japan Gastroenterological Endoscopy Society (JGES)
Member of the JGES committee for research and development of artificial intelligence

Board certification

2012 Board Certified Gastroenterologist of Japanese Society of Gastroenterology
2011 Board Certified Fellow of Japan Gastroenterological Endoscopy Society (JGES)
2009 Board Certified Member of Japanese Society of Internal Medicine

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Main Scientific Publications

1. Mori Y. Artificial intelligence and colonoscopy: The time is ripe to begin clinical trials. ***Endoscopy***. In press

2. Mori Y. Simultaneous detection and characterization of diminutive polyps with the use of artificial intelligence during colonoscopy. ***Video GIE***. In press

3. Mori Y, Kudo S. Real-time tagging of colorectal polyps. ***Nat Biomed Eng***. 2018. **2**(10): 713-714

4. Mori Y, Kudo S, Misawa M, Saito Y, Ikematsu H, Hotta K, Ohtsuka K, Urushibara F, Kataoka S, Ogawa Y, Maeda Y, Takeda K, Nakamura H, Ichimasa K, Kudo T, Hayashi T, Wakamura K, Ishida F, Inoue H, Itoh H, Oda M, Mori K,et al. Real-time use of artificial intelligence in identification of diminutive polyps during colonoscopy: a prospective study. ***Ann Intern Med***. 2018. 169(6): 357-366.

5. Misawa M, Kudo SE, Mori Y, Cho T, Kataoka S, Yamauchi A, Ogawa Y, Maeda Y, Takeda K, Ichimasa K, Nakamura H, Yagawa Y, Toyoshima N, Ogata N, Kudo T, Hisayuki T, Hayashi T, Wakamura K, Baba T, Ishida F, Itoh H, Roth H, Oda M, Mori K. Artificial intelligence-assisted polyp detection for colonoscopy: initial experience. ***Gastroenterology.*** 2018 Apr 10. pii: S0016-5085(18)30415-3.

6. Maeda Y, Kudo SE, Mori Y, Misawa M, Ogata N, Sasanuma S, Wakamura K, Oda M, Mori K, Ohtsuka K. Fully automated diagnostic system with artificial intelligence using endocytoscopy to identify the presence of histologic inflammation associated with ulcerative colitis (with video). ***Gastrointest Endosc.*** 2018 Sep 27. [Epub ahead of print]

7. Kudo T, Saito Y, Ikematsu H, Hotta K, Takeuchi Y, Shimatani M, Kawakami K, Tamai N, Mori Y, Maeda Y, Yamada M, Sakamoto T, Matsuda T, Imai K, Ito S, Hamada K, Fukata N, Inoue T, Tajiri H, Yoshimura K, Ishikawa H, Kudo SE. New-generation full-spectrum endoscopy versus standard forward-viewing colonoscopy: a multicenter, randomized, tandem colonoscopy trial (J-FUSE Study). ***Gastrointest Endosc.*** 2018 Jun 13. pii: S0016-5107(18)32765-2.

8. Ichimasa K, Kudo SE, Mori Y, Misawa M, Matsudaira S, Kouyama Y, Baba T, Hidaka E, Wakamura K, Hayashi T, Kudo T, Ishigaki T, Yagawa Y, Nakamura H, Takeda K, Haji A, Hamtani S, Mori K, Ishida F, Miyachi H. Artificial intelligence may help in predicting the need for additional surgery after endoscopic resection of T1 colorectal cancer. ***Endoscopy.*** 2018 Jan 17.

9. Sako T, Kudo SE, Miyachi H, Wakamura K, Igarashi K, Misawa M, Mori Y, Kudo T, Hayashi T, Katagiri A, Ishida F, Azuma T, Inoue H, Hamatani S. A novel ability of endocytoscopy to diagnose histological grade of differentiation in T1 colorectal carcinomas. ***Endoscopy***. 2018 Jan;50(1):69-74.

10. Mori Y, Kudo SE, Mori K. Potential of "artificial intelligence"-assisted colonoscopy using endocytoscopy (with video). ***Digest Endosc.*** 2018 Apr;30 Suppl 1:52-53.

11. Uraoka T, Oka S, Ichihara S, Iwatate M, Tamai N, Kawamura T, Takeuchi Y, Mori Y, Yoshii S, Hashimoto S, Ho SH, Chiu HM. Endoscopic management of colorectal tumors less than 10 mm in size: Current status and future perspectives in Japan from a questionnaire survey. ***Dig Endosc***. 2018 Apr;30 Suppl 1:36-40

12. Alagappan M, Brown JRG, Mori Y, Berzin TM. Artificial intelligence in gastrointestinal endoscopy: The future is almost here. ***World J Gastrointest Endosc***. 2018 Oct 16;10(10):239-249

13. Takeda K, Kudo SE, Misawa M, Mori Y, Yamano M, Inoue H. Endocytoscopic findings of colorectal neuroendocrine tumors (with video). ***Endosc Int Open***. 2018 May;6(5):E589-E593. doi: 10.1055/a-0591-9279. Epub 2018 May 8

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14. Ogata N, Ohtsuka K, Sasanuma S, Ogawa M, Maeda Y, Ichimasa K, Mori Y, Misawa M, Kudo T, Hisayuki T, Hayashi T, Wakamura K, Miyachi H, Baba T, Ishida F, Kudo SE. White light-emitting contrast image capsule endoscopy for visualization of small intestine lesions: a pilot study. ***Endosc Int Open***. 2018 Mar;6(3):E315-E321. doi: 10.1055/s-0044-102092. Epub 2018

15. Kouyama Y, Kudo SE, Miyachi H, Ichimasa K, Matsudaira S, Misawa M, Mori Y, Kudo T, Hayashi T, Wakamura K, Ishida F, Hamatani S. Risk factors of recurrence in T1 colorectal cancers treated by endoscopic resection alone or surgical resection with lymph node dissection. ***Int J Colorectal Dis***. 2018 Aug;33(8):1029-1038. doi: 10.1007/s00384-018-3081-z. Epub 2018 May 11.

16. Sasanuma S, Ohtsuka K, Kudo SE, Ogata N, Maeda Y, Misawa M, Mori Y, Kudo T, Hisayuki T, Wakamura K, Hayashi T, Katagiri A, Miyachi H, Baba T, Ishida F. Narrow band imaging efficiency in evaluation of mucosal healing/relapse of ulcerative colitis. Endosc Int Open. 2018 May;6(5):E518-E523. doi: 10.1055/s-0044-102297. Epub 2018 Apr 18.

17. Fukami Y, Kudo SE, Miyachi H, Misawa M, Wakamura K, Suzuki K, Igarashi K, Yamauchi A, Mori Y, Kudo T, Hayashi T, Katagiri A, Hamatani S, Sugai T. Diminutive intramucosal invasive (Tis) sigmoid colon carcinoma. ***Clin J Gastroenterol.*** 2018 Apr 28. doi: 10.1007/s12328-018-0864-2. [Epub ahead of print]

18. Mori Y, Kudo SE, Berzin TM, Misawa M, Takeda K. Computer-aided diagnosis for colonoscopy. ***Endoscopy***. 2017 Aug;49(8):813-819.

19. Yamauchi A, Kudo SE, Mori Y, Miyachi H, Misawa M, Kamo H, Hisayuki T, Kudo T, Hayashi T, Wakamura K, Katagiri A, Baba T, Hidaka E, Ishida F. Retrospective analysis of large bowel obstruction or perforation caused by oral preparation for colonoscopy.***Endosc Int Open.*** 2017 Jun;5(6):E471-E476. Epub 2017 May 31.

20. Ogawa Y, Kudo SE, Mori Y, Ikehara N, Maeda Y, Wakamura K, Misawa M, Kudo T, Hayashi T, Miyachi H, Katagiri A, Ishida F, Inoue H.Use of endocytoscopy for identification of sessile serrated adenoma/polyps and hyperplastic polyps by quantitative image analysis of the luminal areas.***Endosc Int Open.*** 2017 Aug;5(8):E769-E774

21. Yamauchi A, Kudo SE, Mori Y, Miyachi H, Misawa M, Kamo H, Hisayuki T, Kudo T, Hayashi T, Wakamura K, Katagiri A, Baba T, Hidaka E, Ishida F. Retrospective analysis of large bowel obstruction or perforation caused by oral preparation for colonoscopy. ***Endosc Int Open.*** 2017 Jun;5(6):E471-E476.

22. Maeda Y, Kudo SE, Wakamura K, Miyachi H, Misawa M, Mori Y, Ogata N, Kudo T, Kodama K, Hisayuki T, Hayashi T, Katagiri A, Ishida F. The concept of 'Semi-clean colon' using the pit pattern classification system has the potential to be acceptable in combination with a <3-year surveillance colonoscopy. ***Oncol Lett.*** 2017 Sep;14(3):2735-2742.

23. Takeda K, Kudo SE, Mori Y, Misawa M, Kudo T, Wakamura K, Katagiri A, Baba T, Hidaka E, Ishida F, Inoue H, Oda M, Mori K. Accuracy of diagnosing invasive colorectal cancer using computer-aided endocytoscopy.***Endoscopy.*** 2017 May 4. [Epub ahead of print]

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