
CONTENTS

Theme of this month : Evolving Diagnostic Imaging in the Lower Alimentary Tract

Editorial	<i>Takatsugu Yamamoto</i>	357
Balloon Asisted Endoscopy —Core Imaging Modality of Small Intestine	<i>Kazuo Ohtsuka</i>	359
Spiral Enteroscopy —Aiming for High Insertability and Safety	<i>Naoki Hosoe, Haruhiko Ogata, et al</i>	367
Small Intestinal Capsule Endoscopy —Firstline Enteroscopy	<i>Shunji Fujimori, et al</i>	371
Detection and Characterization of Colorectal Tumor by Image Enhanced Endoscopy	<i>Hidenori Tanaka, Shinji Tanaka, et al</i>	379
Endoscopic Microscopy (CLE, EC) —Aiming for Real-time Histopathological Diagnosis	<i>Takashi Muramoto, Ken Ohata, et al</i>	386
Colorectal Capsule Endoscopy —Current Status and Future Development of Equipment and Testing Methods	<i>Akihiro Araki, et al</i>	393
Usefulness of Endoscopic Ultrasound in Preoperative Diagnosis of Colorectal Tumors	<i>Keisaku Yamada, Masahiro Tajika, et al</i>	399
The Usefulness of Gastrointestinal Ultrasound as an Easy and Non-invasive Diagnostic Method	<i>Jiro Hata, et al</i>	404
CT Colonography —Deployment in Colon Cancer Screening and Preoperative Examination	<i>Kenichi Utano, et al</i>	411
Usefulness and Future Prospects of MRI for Gastrointestinal Diseases	<i>Tsutomu Yoshihara, Atsushi Nakajima, et al</i>	419
Use of PET/CT for Colorectal Cancer	<i>Mitsuhiro Kishino</i>	426
AI Diagnosis in Colonoscopy —The Dawn of the Automatic Diagnosis Era	<i>Masayoshi Yamada, Yutaka Saito, et al</i>	433
AI Diagnosis for Efficient Reading and Popularization of Capsule Endoscopy	<i>Atsuo Yamada</i>	441
Extended Reality (VR, AR, MR), Hologram, and Metaverse for Spatial Gastrointestinal Diagnosis and Surgical Support	<i>Maki Sugimoto</i>	449
Pathological Diagnosis ; Support for Pathological Diagnosis by AI, and Reclamation of the Telemedicine by the ICT	<i>Koji Saito</i>	458

Series

EUS : EUS Findings of Papilla Vater Lesion	<i>Susumu Hijioka</i>	467
ESD : ESD Using ProdiGI® Traction Wire	<i>Yosuke Tsuji, et al</i>	474

NIHON MEDICAL CENTER, Inc.

1-64 Kanda-jinbo-cho, Chiyoda-ku, Tokyo 101-0051, JAPAN