

The clinical 3D printing laboratory **3D4MED**  presents the lecture:

“R&D of Medical Devices in the Era of Virtual Engineering”

Dr. Kiyokazu Nakajima
Professor

Division of Next Generation Endoscopic Intervention
Global Center for Medical Engineering and Informatics, Osaka University
Division of Gastroenterological Surgery, Department of Surgery
Graduate School of Medicine, Osaka University

October 18th, 4:00 pm

Aula Volta,

Corso Strada Nuova, 65 – Pavia

In collaboration with:



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Dipartimento
di Scienze Clinico-Chirurgiche
Diagnostiche e Pediatriche

LECTURE

Kiyokazu Nakajima, MD, PhD, FACS

Short CV

Dr. Nakajima received his MD in 1992, and PhD degrees in 1999 from Osaka University and then went to Weill Medical College of Cornell University for 2 years, where he was a postdoctoral associate in surgery.

Dr. Nakajima is one of the nation's leading experts in minimally invasive surgery, especially for inflammatory bowel diseases, functional GI diseases, and GI stromal tumors. In 2008, he was recognized not only as performing Japan's first human Natural Orifice Transluminal Endoscopic Surgery (NOTES) series for therapeutic purpose, but also world's first partial gastrectomy using NOTES technique. He has published more than 8 textbook chapters, 32 top-author original articles in peer-reviewed journals and edited/co-edited 7 books. He has been invited to serve as a faculty member for laparoscopic surgery courses at national and international meetings.

Reflecting his strong interest and expertise on innovation of surgical techniques and development of new devices for laparoscopic and endoluminal procedures, Dr. Nakajima has established an academia-industry consortium called "ENGINE" (Endeavor for Next Generation of Interventional Endoscopy) and has served as PI since 2009. He has gained over 7 million USD research grants from Japanese government in the last 9 years. He has held 105 patents and 10 commercialized items.

He has recently received a special award from the Ministry of Economy, Trade and Industry, Japan for developing innovative endoscopic devices. Currently, he is the only Japanese member of Technology Committee of The European Association of Endoscopic Surgery (EAES).