

## Supplementary Materials

### **Capsule endoscopy: clinical insights, challenges, and evolving perspectives in the 21st century**

**Akiyoshi Tsuboi<sup>1</sup>, Shiro Oka<sup>1</sup>, Shinji Tanaka<sup>2</sup>**

<sup>1</sup>Department of Gastroenterology, Hiroshima University Hospital, Hiroshima 734-8551, Japan.

<sup>2</sup>Department of Gastroenterology, JA Onomichi General Hospital, Onomichi 722-0018, Japan.

**Correspondence to:** Dr. Akiyoshi Tsuboi, Department of Gastroenterology, Hiroshima University Hospital, 1-2-3 Kasumi, Minami-ku, Hiroshima 734-8551, Japan. E-mail: [atsuboi@hiroshima-u.ac.jp](mailto:atsuboi@hiroshima-u.ac.jp)

**Supplementary Table 1. Currently available small-bowel capsule endoscopy systems**

<b>Capsule endoscopy (Latest model)</b>	<b>PillCam™ SB3</b>	<b>ENDOCAPSULE EC-S10</b>	<b>MiroCam® MC 1600</b>	<b>MiroCam® MC 2000</b>	<b>OMOM HD</b>	<b>CapsoCam Plus ®</b>
Manufacturer	Medtronic	Olympus	IntroMedic	IntroMedic	Jinshan Science and Technology	CapsoVision
Length (mm)	26.2	26	24.5	30.1	25.4	31
Diameter (mm)	11.4	11	10.8	10.8	11	11
Weight (g)	3	3.3	3.25	3.5	3	4
Frame rate (per second)	2-6	2	6	6	2-10	12-20
Camera	1	1	1	2	1	4
Field of View (degree)	156	160	170	340	172	360
Battery life (hours)	12	12	12	12	12	15
Transmission	Radiofrequency	Radiofrequency	Human body communication	Human body communication	Radiofrequency	Onboard SSD
Reading software	RAPID™	Endocapsule Software 10	MiroView™	MiroView™	Vue Smart Software	CapsoView

**Supplementary Table 2. Currently available magnetically controlled capsule endoscopy systems**

<b>Endoscopy</b>	<b>NaviCam® 2<sup>nd</sup> Generation</b>	<b>OMOM RC</b>
Manufacturer	AnX Robotica	Jinshan Science and Technology
Length (mm)	27	30
Diameter (mm)	12	11.5
Weight (g)	5	5
Frame rate (per second)	2-6	2-10
Battery life (hours)	12	12