

Supplementary information

Three-dimensional visualization improves the endoscopic diagnosis of superficial gastric neoplasia

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Supplementary Table 1. The comparison of the coincidence rate of lesion extent in group A and group B

		group A	group B	<i>P</i> value
WLI	2D	51.4% (45.6 – 57.1)	53.2% (47.2 – 59.3)	0.299
	3D	60.7% (55.0 – 66.4)	59.7% (53.7 – 65.6)	0.965
NBI	2D	63.7% (58.9 – 68.4)	63.8% (58.8 – 68.9)	0.861
	3D	70.8% (66.0 – 75.6)	69.2% (64.0 – 74.3)	0.480

Data are presented as the mean (95% confidence interval).

WLI, white-light imaging; NBI, narrow-band imaging; 2D, 2-dimensional; 3D, 3-dimensional

**Supplementary Table 2. The comparison of the ease of endoscopic lesion recognition
by the skill level of endoscopists**

		WLI		P value	NBI		P value
		2D	3D		2D	3D	
lesion	Novice	3.23	5.50	<0.001	4.43	6.57	<0.001
morphology		(2.62)	(3.56)		(2.49)	(3.05)	
	Trainee	6.03	8.04	<0.001	6.49	8.38	<0.001
		(2.59)	(1.91)		(1.80)	(1.79)	
	Expert	5.09	7.54	<0.001	6.63	8.08	<0.001
		(2.27)	(2.11)		(1.77)	(1.43)	
lesion extent	Novice	2.18	4.17	<0.001	3.17	5.13	<0.001
		(2.00)	(2.99)		(2.33)	(2.89)	
	Trainee	5.50	7.11	<0.001	5.77	7.37	<0.001
		(2.65)	(2.45)		(2.26)	(2.17)	
	Expert	4.87	6.88	<0.001	6.28	7.79	<0.001
		(2.36)	(2.09)		(1.63)	(1.47)	
comprehensive	Novice	2.27	4.06	<0.001	3.40	5.61	<0.001

endoscopic		(2.45)	(3.29)		(2.49)	(3.29)	
cognition	Trainee	5.71	7.40	<0.001	6.26	7.97	<0.001
		(2.43)	(2.10)		(1.81)	(1.72)	
	Expert	4.87	7.18	<0.001	6.36	7.96	<0.001
		(2.35)	(2.12)		(1.60)	(1.41)	

Data are presented as the mean (standard deviation).

WLI, white-light imaging; NBI, narrow-band imaging; 2D, 2-dimensional; 3D, 3-dimensional