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Appendices

Supplementary Table 1. Paddington International virtual ChromoendoScopy ScOre (PICaSSO)

PICaSSO mucosal architecture	PICaSSO vascular architecture
0- No mucosal defect	**0- Vessels without dilatation**
A- Continuous/regular crypts	A- Roundish following crypt architecture
B- Crypts not visible (scar)	B- Vessels not visible (scar)
C-Discontinuous and/or dilated/elongated crypts	C- Sparse (deep) vessels without dilatation
I- Microerosions or cryptal abscess	**I- Vessels with dilatation**
1- Discrete	A- Roundish with dilatation
2- Patchy	B- Crowded or tortuous superficial vessels with dilatation
3- Diffuse	
II- Erosions, size <5 mm	**II- Intramucosal bleeding**
1- Discrete	A- Roundish with dilatation
2- Patchy	B- Crowded or tortuous superficial vessels with dilatation
3- Diffuse	

III- Ulcerations, size >5 mm	**III- Luminal bleeding**
1- Discrete 2- Patchy 3- Diffuse	A- Roundish with dilatation B- Crowded or tortuous superficial vessels with dilatation
Total mucosal score :0-9	Total vascular score: 0-6

Supplementary Table 2. Ulcerative Colitis Endoscopic Index of Severity (UCEIS)

Descriptor	Likert scale (anchor points)	Definition
Vascular pattern	Normal(0)	Normal vascular pattern with arborization of capillaries clearly defined, or with blurring or patchy loss of capillary margins
	Patchy obliteration(1)	Patchy obliteration of vascular pattern
	Obliterated (2)	Complete obliteration of vascular pattern
Bleeding	None(0)	No visible blood
	Mucosal(1)	Some spots or streaks of coagulated blood on the surface of the mucosa

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		ahead of the scope, which can be washed away
	Luminal mild(2)	Some free liquid blood in the lumen
	Luminal moderator severe(3)	Frank blood in the lumen ahead of endoscope or visible oozing from mucosa after washing intraluminal blood or visible oozing from a hemorrhagic mucosa
Erosions and ulcers	None(0)	Normal mucosa, no visible erosions or ulcers
	Erosions(1)	Tiny(≤5 mm) defects in the mucosa, of a white or yellow colour with a flat
	Superficial ulcer (2)	Larger (>5 mm) defects in the mucosa, which are discrete fibrin-covered ulcers in comparison with erosions, but remain superficial
	Deep ulcer (3)	Deeper excavated defects in the mucosa with a slightly raised edge

Supplementary Table 3. Mayo Endoscopic Subscore (MES)

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Parameters	Subscore, 0–3
Findings on endoscopy	0 = normal or inactive disease 1 = mild disease (erythema, decreased vascular pattern and mild friability) 2 = moderate disease (marked erythema, lack of vascular pattern, friability, and erosions) 3 = severe disease (spontaneous bleeding and ulceration

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