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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 | |

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|--|--|
| III- Ulcerations, size >5 mm | III- Luminal bleeding |
| 1- Discrete | A- Roundish with dilatation |
| 2- Patchy | B- Crowded or tortuous superficial vessels with dilatation |
| 3- Diffuse | |
| 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 moderate(2) | Frank blood in the lumen ahead of endoscope or visible oozing from mucosa after washing intraluminal blood or visible oozing from a hemorrhagic mucosa |
| | severe(3) | |
| 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)

| 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) |
