## 102

# The Olympus EVIS LUCERA Variable Indices of Haemoglobin Chart Function: a Novel Technique for Establishing the Completeness of Vascular Mucosal Ablation in Colonic Angiodysplasia

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Figure 1 A 78-year-old man presented with recurrent iron-deficiency anaemia. Colonoscopy showed a vascular angiodysplastic lesion in the ascending colon.

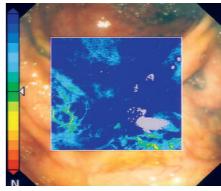


Figure **3** After APC ablation, IHb mapping was repeated. Hypoperfused mucosa with complete ablation of the vascular lesion is evident, as demonstrated by a completely blue IHb chart.

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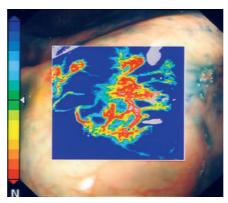


Figure 2 Using the indices of haemoglobin (IHb) colour chart function provided by the Olympus EVIS LUCERA system, the reference IHb values are displayed in yellow, with areas higher than the reference value (hypervascular) displayed in "warm" colours (i.e., orange-red) and hypoperfused areas displayed in "cool" colours (blue-grey). IHb charting of the lesion shows a clear vascular map. The lesion was ablated under IHb guidance using argon plasma coagulation (APC).