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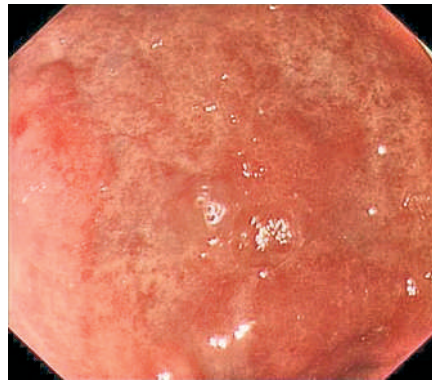


Figure 1 Conventional endoscopic view of the prepyloric region of the stomach, showing a well-circumscribed area of reddened mucosa which was interpreted as "antral gastritis".

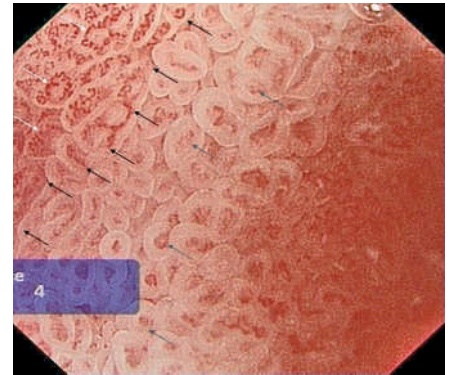


Figure 2 The same region visualised using a high-resolution zoom endoscope (Olympus GIF-Q240Z; Olympus Optical Co. Ltd., Tokyo, Japan) with distal cap attachment and the Lucera system video endoscopy processor (Olympus CV-260). This equipment provides the advanced features of adaptive index of haemoglobin (IHb) colour and structural enhancement, which emphasises subtle chromatic alterations in the mucous membrane. We visualised coil-like capillary loops of normal antral mucosa (white arrows, upper left), a clear demarcation line between cancerous and noncancerous mucosa (black arrows), and a leash of irregular vessels suggestive of neovascularisation and angiogenesis secondary to dysplasia (grey arrows). Targeted biopsies were obtained and histological examination revealed high-grade dysplasia.