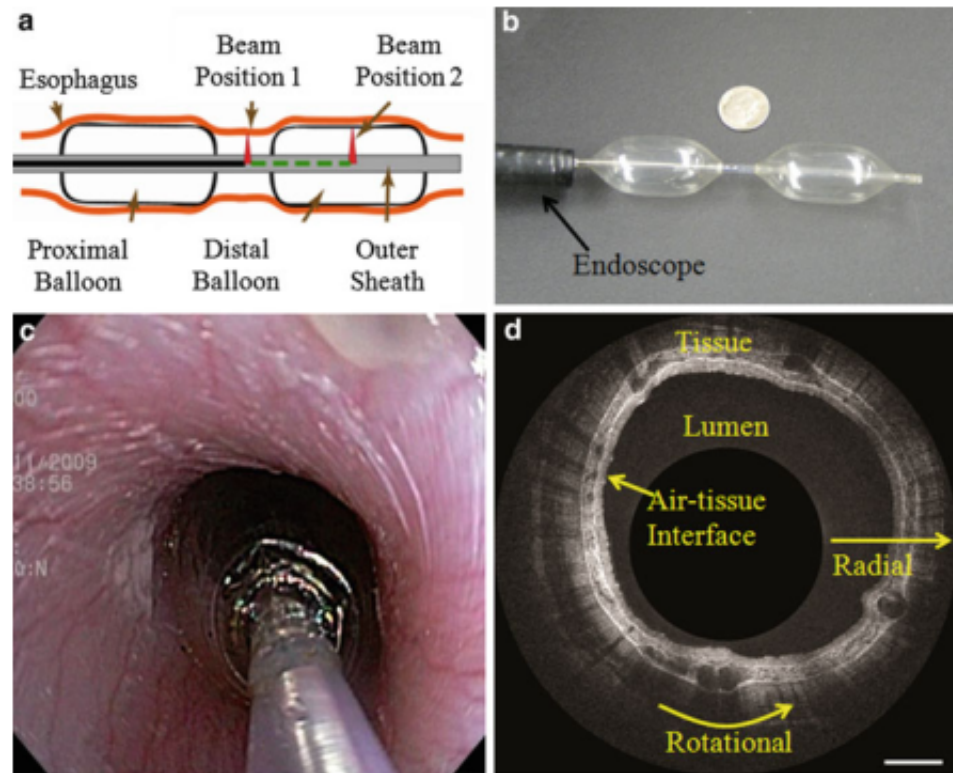
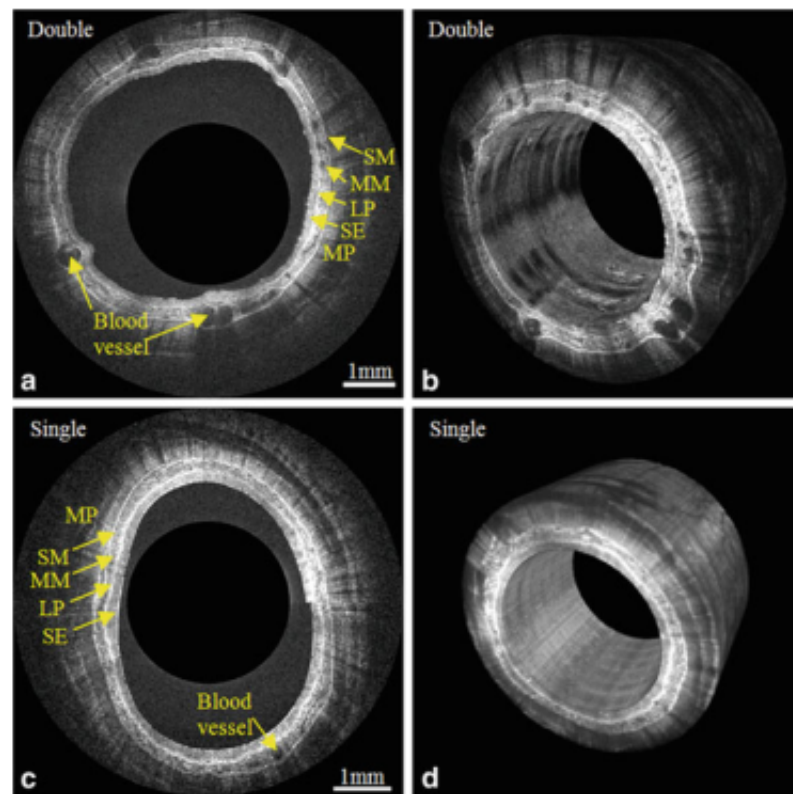


# Sistema escaneo



**Fig. 67.3** (a) Schematic of the double balloon design. The beam can be located between two balloons for imaging without balloon-tissue contact (*solid black line*) or in a balloon for imaging with contact (*dashed green line*). (b) The double-balloon catheter (compared with a dime) inserted through the GI endoscope and inflated. (c) The deployment of the balloon catheter in swine esophageal observed from the camera of the endoscope. (d) A cross-sectional image of swine esophagus in anatomic view (Bar: 1 mm)

# Reconstrucciones



**Fig. 67.5** (a) A representative cross-sectional image of a swine esophagus with the double-balloon imaging scheme. The layered structure that can be observed includes the squamous epithelium (*SE*), lamina propria (*LP*), muscularis mucosa (*MM*), submucosa (*SM*), and muscularis propria (*MP*). (b) 3D reconstruction of a 17 mm long section of swine esophagus obtained with the double-balloon imaging scheme. (c) A representative cross-sectional image of the single-balloon imaging scheme. (d) 3D reconstruction of 10 mm long segment with single-balloon imaging scheme