A case of recurrent infective endocarditis following colonoscopy

A 57-year-old man with a history of prosthetic valve replacement at age 47 was admitted to our hospital with bloody stools. A colonoscopy revealed a rectal polyp, eventually diagnosed as a tubulovillous adenoma measuring 30 mm in diameter (Fig. 1). Following a 10-mL submucosal saline injection, the rectal polyp was removed by piecemeal endoscopic mucosal resection within 5 minutes. The day after the examination, the patient developed high grade fever (body temperature 39 °C). Blood cultures grew *Enterococcus faecalis* and transesophageal echocardiography showed vegetations on the mitral and tricuspid valve. The patient was diagnosed as having infective endocarditis and treated with ampicillin and gentamicin sulfate. After 6 weeks of antibiotic therapy, the patient was discharged without any complications. At 18 months, the patient underwent a follow-up colonoscopy and an ascending colon polyp measuring 4 mm in diameter was removed without antibiotic prophylaxis. In the evening of the day after the examination, the patient developed fever (body temperature 37 °C). Blood cultures grew *E. faecalis* and transesophageal echocardiography showed免费 Access to Full Text: A case of recurrent infective endocarditis following colonoscopy. https://www.thieme-connect.com/DOI/10.1055/s-0030-1255719

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