

中文題目：*Streptococcus gordonii* 感染性心內膜炎導致二尖瓣後葉穿孔

英文題目：*Unusual presentation as perforation of posterior mitral valve leaflet in an infective endocarditis due to Streptococcus gordonii*

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Abstract

Infective endocarditis (IE) is an uncommon but lethal disease that is hard to diagnose. Commonly, it develops in patients with structural heart disease, presence of prosthetic heart device, and history of IE. Immunocompromised patients, intravenous drug use, chronic hemodialysis and dental infection are relative risks to IE. The typical presentations in echocardiogram include vegetation or regurgitation of the infected valve. We present a case of infective endocarditis caused by *Streptococcus gordonii* in an immunocompetent female with mitral valve prolapse. Positive blood cultures and new micro-perforation of mitral valve posterior leaflet with moderate to severe mitral regurgitation made the diagnosis of “definite” infective endocarditis. We emphasize the suspicion of endocarditis in patients with persistent fever, even those without remarkable risk factors or dental procedures.