

## Unexplained heart failure and stroke

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Infective endocarditis is an infection of the endocardial surface of the heart that usually involves the valves. Late diagnosis can lead to severe complications, such as heart failure, or even death. We have presented the case of a patient who was admitted with several months' history of heart failure symptoms, intermittent fever, shiver and periodic neurological symptoms. MRI of endocranium depicted multiple ischemic lesions. Repeated transthoracic echocardiographies were done, thus setting the definitive diagnosis of the aortic valve endocarditis. Patient was treated with antibiotics according to guidelines and antibiogram. The surgical intervention in form of replacement of aortic valve was undergone; both early and later postoperative course was without complications. One should consider differential diagnosis of infective endocarditis in case of long term, unexplained fever, new onset of heart murmur and presence of risk factors.

**Key words:** left-sided endocarditis, aortic valve, heart failure, embolic complications of infective endocarditis