

Nationwide cohort study reveals the features and outcomes of fulminant myocarditis

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Myocarditis is an inflammatory disease of the myocardium often caused by viral infections or autoimmune disorders. Fulminant myocarditis (FM) is a rare and severe presentation of myocarditis characterized by

hemodynamically unstable conditions requiring inotropes and/or mechanical circulatory support. The natural history of FM and its clinical features are incompletely understood because there is a lack of generalizable evidence.

A team of researchers at the Nara Medical University and National Cerebral and Cardiovascular Center performed a nationwide cohort study of patients with histologically proven FM, in 235 cardiovascular hospitals across Japan. They revealed that the 90 days mortality was 29%, and some specific clinical findings such as older age, non-sinus rhythm on admission, left ventricular ejection fraction

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