

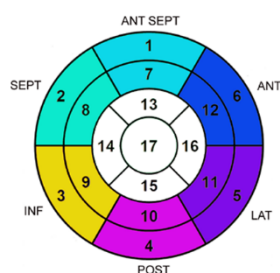
Supplementary Material

21 patients were diagnosed as FM, and 1 patient died.

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20 patients for baseline clinical characteristics
and sequential transthoracic echocardiography

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14 patients for the strain analysis
6 patients were excluded :
-- 5 patients with arrhythmia including
complete AV block,
ventricular tachycardia, etc.
-- 1 patient with poor echocardiography
images

Supplementary Fig. S1 Flow diagram describing the selection of 20 patients with FM from the overall population with acute myocarditis, of whom 14 patients were further analysed for the strain features. FM indicates fulminant myocarditis.



Supplementary Fig. S2 AHA LV 17 segments model: anteroseptal (1+7), septal (2 +8), inferior (3 + 9), posterior (4 + 10), lateral (5 + 11), and anterior (6 + 12).

Supplemental Table S1 Viral etiologies of fulminant myocarditis

Viral types	The patients with test positive for virus/total patients(n=20)
Influenza	0
Parainfluenza	0
Adenovirus	0
Enterovirus	0
EBV IgG	5 (25%)
EBV IgM	5 (25%)
EBV DNA	1 (5%)
CVB IgG	4 (20%)
CVB IgM	4 (20%)
CMV IgG	8 (40%)
CMV IgM	8 (40%)
CMV DNA	0
RV IgG	3 (15%)
RV IgM	3 (15%)
HSV I IgG	3 (15%)
HSV I IgM	2 (10%)
HSV II IgG	3 (15%)
HSV II IgM	1 (5%)
ECHO-IgM	3 (15%)
PVB19-IgM	3 (15%)
MV-IgM	3 (15%)
VZV-IgM	3 (15%)

EBV, Epstein-Barr virus; CVB, Coxsackie virus B; CMV, Cytomegalovirus; RV, Rubella virus; HSV, Herpes simplex virus; ECHO, enteric cytopathic human orphan virus; PVB19, Parvo B19; MV, Measles virus; VZV, Varicella zoster virus.