

中文題目：病例報告：一名 76 歲女性接種 mRNA COVID-19 疫苗後併發急性心肌炎

英文題目：Case report: A 76 years old female with acute myocarditis following mRNA COVID-19 vaccination

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Abstract: Since the early 2021, COVID-19 vaccination has been promoted nationwide in Taiwan. However, acute myocarditis following mRNA vaccination has been reported. In contrast to our patient, it was more prevalent in young male adults.

We reported a case of a 76 years old female diagnosed with acute myocarditis by histology. After excluding viral and autoimmune myocarditis, post-vaccination myocarditis was impressed. Standard heart failure therapy was given, but no aggressive diuresis due to concomitant right heart failure. Due to cardiogenic shock developed, she received ECMO support, immunosuppression with methylprednisolone 0.5 mg/kg/day and intravenous immunoglobulin (IVIG) 2 g/kg/day. After 11 days of ECMO support, she became hemodynamically stable and free from ECMO.