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IMAGES IN CARDIOLOGY

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Sneddon's syndrome: cardiac involvement detected by magnetic resonance imaging

We report the case of a 37-year-old woman presenting with progressive livedo racemosa (panel A), limited physical capabilities and behavioural disorders. Cerebral magnetic resonance imaging (MRI) showed multiple hyperintense white matter lesions on T2-weighted images indicating cerebral vasculitis. ECG on admission demonstrated bigeminal rhythm, incomplete right bundle branch block and disturbances of repolarisation. Cardiac MRI showed an impaired ejection fraction of 43% and a focal area of apical myocardial oedema on T2-weighted images (panels C and D). T1-weighted inversion recovery images revealed multiple spots of delayed enhancement in the left ventricular myocardium (panels E and F) resulting in the diagnosis of cardiac vasculopathy within Sneddon's syndrome. Histological examination of a subcutaneous biopsy showed typical vascular occlusions (panel B) and confirmed the diagnosis. To our knowledge, we present the MR images of cardiac involvement in Sneddon's syndrome.

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