

Systemic Sclerosis and Microscopic Polyangiitis after Systemic Exposure to Silicone

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ABSTRACT

Relationship between silicon breast implants (SBI) and autoimmune/inflammatory syndrome induced by adjuvants (ASIA) has been extensively analyzed, with discordant results. We present a 45-year-old woman with confirmed systemic exposure to SBI, which developed Systemic Sclerosis (Ssc) followed ANCA anti-myeloperoxidase (MPO) vasculitis with renal-pulmonary syndrome. The novelty of our case resides on, firstly, confirmation of systemic exposure to SBI and, secondly, chronological development of not one, but two severe autoimmune diseases. Controversy may still remain between SBI and ASIA because it is unclear that previous studies confirmed systemic exposition to silicon in their cohort of patients.

Keywords: ANCA anti-MPO vasculitis, ASIA, Crescentic glomerulonephritis, Silicon breast implants, Systemic sclerosis, Thrombotic microangiopathy

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