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activation disease*

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Running head: cardiovascular symptoms in MCAD

Abbreviations: MC - mast cell, MCAD- systemic mast cell activation disease, SM - systemic mastocytosis, MCAS - primary systemic mast cell activation syndrome, MCL - mast cell leukemia, NE - norepinephrine, H₁R - H₁-histamine receptor, H₂R - H₂-histamine receptor, MMP - matrix metalloproteinase

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