

## Mixed Connective Tissue Disease (MCTD)

- I. Common symptoms
  1. Raynaud's phenomenon
  2. Swollen fingers or hands
- II. Anti-snRNP antibody
- III. Mixed findings
  - a. SLE-like findings
    1. Polyarthritis
    2. Lymphadenopathy
    3. Facial erythema
    4. Pericarditis or pleuritis
    5. Leukocytopenia (less than 4,000/mm<sup>3</sup>) or thrombocytopenia (less than 100,000/mm<sup>3</sup>)
  - b. PSS-like findings
    1. Sclerodactyly
    2. Pulmonary fibrosis, restrictive change of lung (%VC less than 80%) or reduced diffusion capacity (DLco less than 70%)
    3. Hypomotility or dilatation of esophagus
  - c. PM-like findings
    1. Muscle weakness
    2. Increased serum level of myogenic enzymes (CPK)
    3. Myogenic pattern in EMG

MCTD will be diagnosed when the following three conditions are fulfilled:

1. Positive in either one of two common symptoms
2. Positive anti-snRNP antibody
3. Positive in one or more findings in two or three disease categories of a, b, and c.

