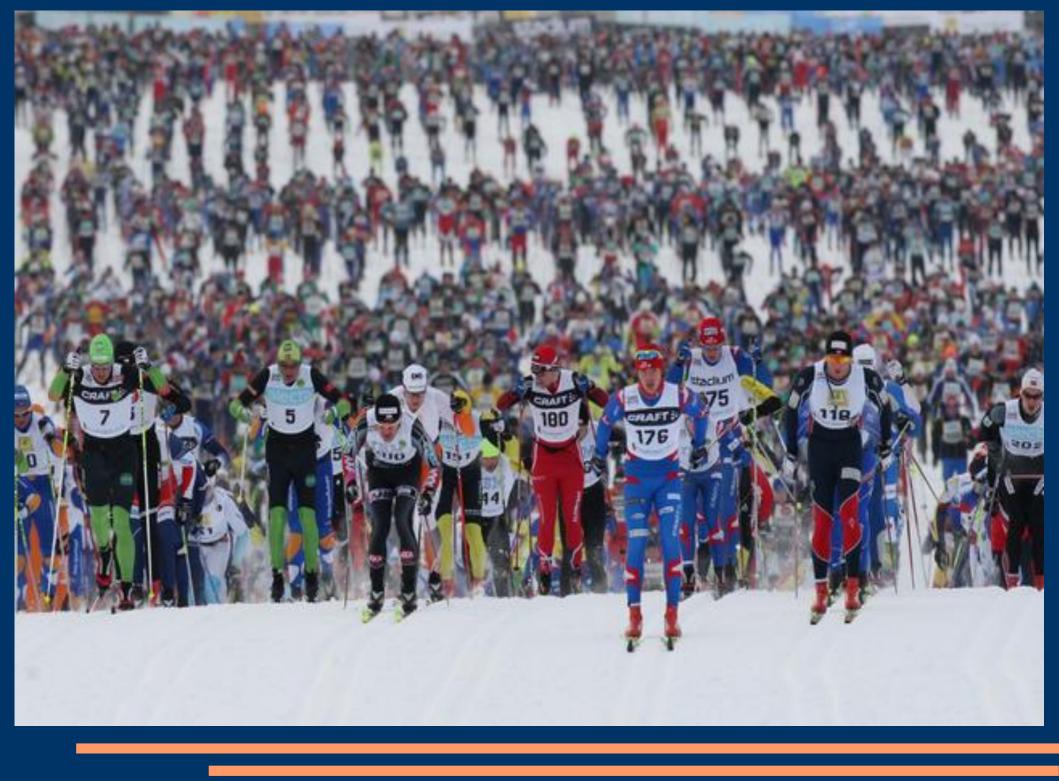
# Case Presentation – Mora, Sweden







### Initial presentation

- 69 y/o Woman. Married. Nonsmoker. Lots of physical activity. Lives in northern part of Dalarna, rural district. Healthy. Zero medications.
- Gets referred from primary care (october) beacause of fever since 4 weeks. Started with pain over the shoulders.

### More patient history

- Was in Norway in August. Denmark in September.
  No one else sick in patients proximity.
- Except pain, no other focal symtoms. No headache, vertigo, Visual impairment, Zero Gastrointestinal/Urologic/Dermatologic symtoms.
- No history of bugbites etc.

## Initial Work up

- Initial Routine Tests: CRP 146 (<5) ALAT 1.4 (<0.75). GT 1.8 (<1.2) Everything else normal.
- Gets admitted and planned for Ultrasound Liver/Bile. Blood+Urine-Cultures.
- Later on: Computer Scan Thorax/Abdomen.

### Further developement

- Consults with reumathology and infectious diseases.
- No significant findings in Computed Thomography and Ultrasound (Liver+Heart)
- Patient has still Fever and tired, but feeling ok, slight headache and maybe sore in the legs.
- More testing: Biopsy from Bone Marrow, Liver, Temporal artery. Antibodies for liver diseases, Qfever, HIV, Borrelia etc negative.

#### **Treatment**

- Prednisolon 20 mg x1, fever and CRP in decline but comes back after 2 days. More testing and then 30 mg x1. Feels better. Patient notices that headache+Pain disappears.
- Temporal biopsy shows arterial inflammation.

## Pathofysiology

- Systemic inflammatory vasculitis, Giant cell arteritis.
- Inflammation of the intima/media/adventitia of affected arteries, as well as patchy infiltration by lymphocytes, macrophages, and multinucleated giant cells
- Age, Females.
- 40-50% Have associated Polymyalgia Rheumatica.

#### **Treatment**

- Long Steroid treatment. 1-2 years often.
- Intial treatment dose depending visual symtoms.

## Main learning point

- Always repeat clinical examination. Symtoms did progress, clinical picture became clearer.
- Biopsy before cortisone
- Think for yourself

# Diagnosis

• Polymyalgia Rheumatica + Giant Cell Artritis