

# Bayesian Networks for Managing Rheumatoid Arthritis

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**Chronic disease rheumatoid arthritis (RA) needs early diagnosis and continuous care.**

**A medical decision support:**

- 1- helps doctors to diagnose & remotely care RA**
- 2- allows patients to be <sup>actively</sup> involved in treatment**

**Risk factors + medical evidences** → **Diagnosis**  
→ **Treatment**

**Bayesian network structure for RA risk assessment:**

