Cheatography

Rheumatoid Arthritis Cheat Sheet by rachelk via cheatography.com/164180/cs/34396/

| Normal Joints vs RA Joints | |
|--|---|
| Normal Joints | RA Joints |
| Normal, thin synovium surrounding joint space | Synovial thickening, leading to panes formation |
| Intact tendons and ligaments | Loosening of tendon sheath and other periarticular structures, leading to joint deformities |
| Well-defined joint space | Joint space narrowing |
| Smooth, intact cartilage surfaces providing protection to bone | Erosion of articular surfaces, leading t bone erosion and osteoporosis |

Overview of RA

Definition

Complex systemic inflammatory condition manifesting initially as symmetric swollen and tender joints of the hands and/or feet

RA effects ~1% of the worlds population

RA arises from an immunologic reaction

May be in response to genetic or infectious antigen

Managing established RA

Risk factors

Female gender (3:1 female to males)

Increasing age (peak onset 35-50 years of age)

Current tobacco smoking

Family history of RA

Potential environmental exposures

Drugs - oral contraceptive use, high

ingestion of vitamin D

Managing Early RA

Biologic DMARDs

Non-biologic DMARDs

Comorbidities & Impact on Morbidity/Mortality

Cardiovascular disease

1/2 of RA deaths are cardiac in nature

Inflammation happens in places other than joints, including blood vessels

Infections

RA leads to changes in cellular immunity and increases in infection risk



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Comorbidities & Impact on Morbidity/Mortality (cont)

Malignancy

Patients with RA have increase risk of cancer

Lymphoma, leukemia, multiple myeloma

Osteoporosis

RA causes increase in osteoclastic activity

Leads to bone loss