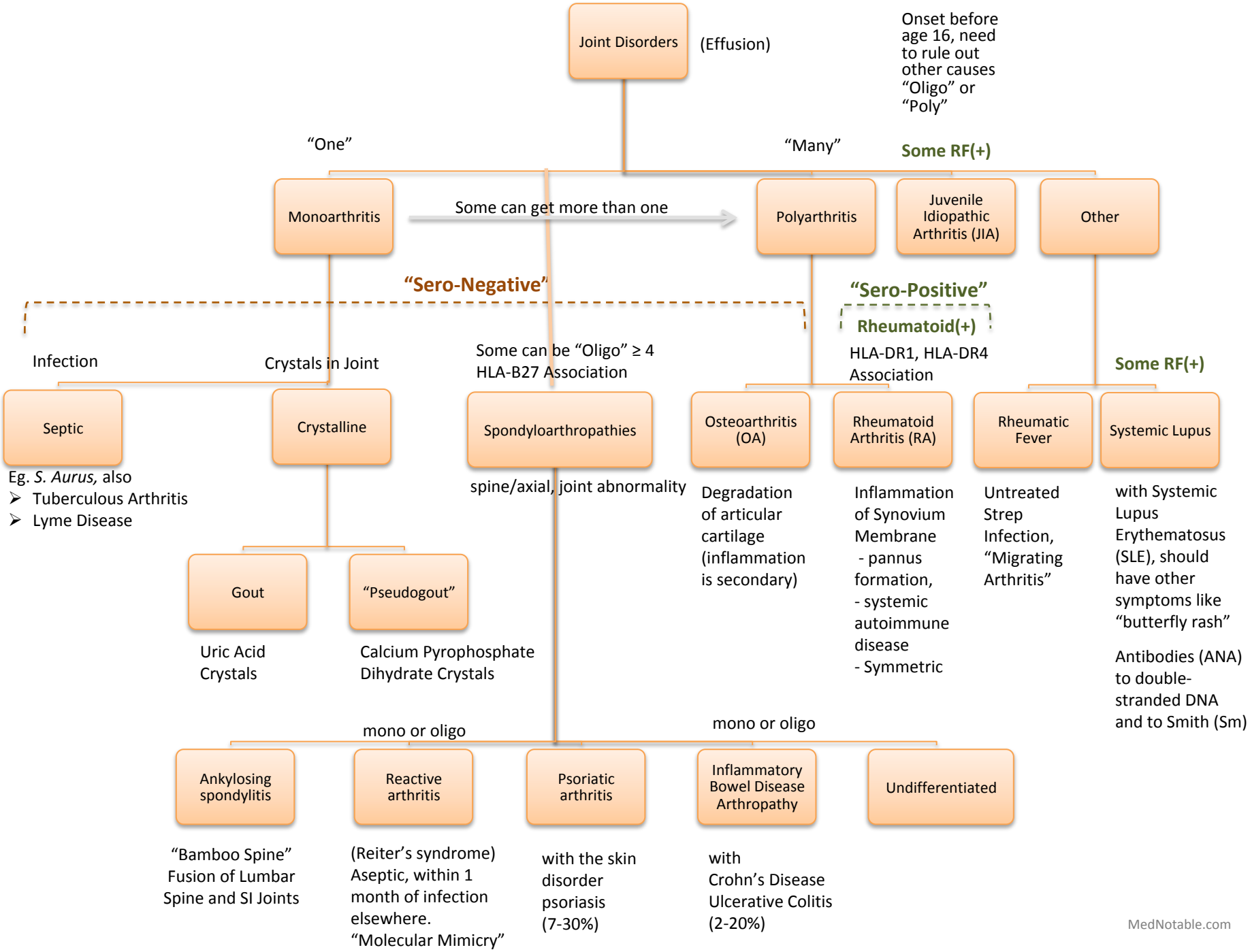
Joint Disorders
(Effusion)
Onset before age 16, need to rule out other causes "Oligo" or "Poly"
"One"
"Many"
Some RF(+)
Monoarthritis
Some can get more than one
Polyarthritis
Juvenile Idiopathic Arthritis (JIA)
Other
"Sero-Negative"
"Sero-Positive"
Rheumatoid(+)
Infection
Crystals in Joint
Some can be "Oligo" ≥ 4
HLA-B27 Association
HLA-DR1, HLA-DR4 Association
Some RF(+)
Septic
Crystalline
Spondyloarthropathies
Osteoarthritis (OA)
Rheumatoid Arthritis (RA)
Rheumatic Fever
Systemic Lupus
Eg. S. Aurus, also
Tuberculous Arthritis
Lyme Disease
spine/axial, joint abnormality
Degradation of articular cartilage (inflammation is secondary)
Inflammation of Synovium Membrane
- pannus formation,
- systemic autoimmune disease
- Symmetric
Untreated Strep Infection, "Migrating Arthritis"
with Systemic Lupus Erythematosus (SLE), should have other symptoms like "butterfly rash"
Antibodies (ANA) to double-stranded DNA and to Smith (Sm)
Gout
"Pseudogout"
Uric Acid Crystals
Calcium Pyrophosphate Dihydrate Crystals
mono or oligo
mono or oligo
Ankylosing spondylitis
Reactive arthritis
Psoriatic arthritis
Inflammatory Bowel Disease Arthropathy
Undifferentiated
"Bamboo Spine" Fusion of Lumbar Spine and SI Joints
(Reiter's syndrome) Aseptic, within 1 month of infection elsewhere. "Molecular Mimicry"
with the skin disorder psoriasis (7-30%)
with Crohn's Disease Ulcerative Colitis (2-20%)
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