

# Differentiating Features of Various Forms of Arthritis

Variable	Psoriatic Arthritis	Rheumatoid Arthritis	Osteoarthritis	Gout
<b>Age at Onset</b>	36-45	30-50	>50	30-50
<b>Male to Female Ratio</b>	1:1	F>M	1:1	M>F
<b>Onset</b>	Gradual	Acute/gradual	Gradual	Acute
<b>Joint Distribution at Onset</b>	Asymmetric	Symmetric	Asymmetric	Asymmetric
<b>Number of Affected Joints</b>	Oligoarticular	Polyarticular	Monoarticular or oligoarticular	Monoarticular or oligoarticular
<b>Sites of Hands/Feet Involved</b>	Distal	Proximal	Distal	Distal
<b>Areas Involved</b>	All points of digit	Same joint across digits	Same joint across digits	Usually monoarticular
<b>Purplish Discoloration</b>	Yes	No	No	Yes
<b>Spinal Involvement</b>	Common	Uncommon	Noninflammatory	Absent
<b>Sacroiliitis</b>	Common	Absent	Absent	Absent
<b>Key Radiographic Findings</b>	<ul style="list-style-type: none"> <li>• Joint space narrowing</li> <li>• Bone/cartilage destruction and bone proliferation</li> </ul>	<ul style="list-style-type: none"> <li>• Joint space narrowing</li> <li>• Bone and cartilage erosions in hands and feet</li> </ul>	<ul style="list-style-type: none"> <li>• Focal changes that reflect cartilage loss</li> </ul>	<ul style="list-style-type: none"> <li>• Subcortical bone cysts (tophi)</li> </ul>
<b>Key Laboratory Findings</b>	<ul style="list-style-type: none"> <li>• RF, ACPA generally negative</li> <li>• HLA-B27 positive in ~25% cases</li> <li>• Elevated ESR, CRP in ~40% cases</li> </ul>	<ul style="list-style-type: none"> <li>• Elevated ESR, CRP</li> <li>• RF is generally positive in 75%-80% patients</li> <li>• Positive ANA</li> <li>• Positive Anti-CCP in 60-80% cases</li> </ul>	<ul style="list-style-type: none"> <li>• Normal ESR or CRP</li> </ul>	<ul style="list-style-type: none"> <li>• Presence of monosodium urate crystals in synovial fluid</li> <li>• Elevated WBC</li> </ul>

RF = rheumatoid factor; ACPA = anti-citrullinated protein antibody; HLA = human leukocyte antigens; ESR = erythrocyte sedimentation rate; CRP = C-reactive protein; ANA = antinuclear antibodies; WBC = white blood cells

Ritchlin CT, Colbert RA, Gladman DD. Psoriatic arthritis. *N Engl J Med.* 2017;376(10):957-970.

# Approved Biologic Therapies in Rheumatology

Therapy	Rheumatoid Arthritis	Psoriatic Arthritis	Ankylosing Spondylitis	Systemic Lupus Erythematosus	Juvenile Idiopathic Arthritis
<b>TNF Inhibitors</b>					
Adalimumab	✓	✓	✓		✓
Etanercept	✓	✓	✓		✓
Certolizumab	✓	✓	✓		
Golimumab	✓	✓	✓		
Infliximab	✓	✓	✓		
<b>Interleukin Inhibitors</b>					
Ustekinumab		✓			
Secukinumab		✓	✓		
Ixekizumab		✓			
Anakinra	✓				
Tocilizumab	✓				✓
Canakinumab					✓
<b>PDE4 Inhibitor</b>					
Apremilast		✓			
<b>JAK Inhibitors</b>					
Tofacitinib	✓	✓			
Baricitinib	✓				
<b>T-Cell Modulator</b>					
Abatacept	✓	✓			✓
<b>Anti-CD20 Antibody</b>					
Rituximab	✓				
<b>B-lymphocyte Stimulator</b>					
Belimumab				✓	