

## Rheumatology

Common Rheumatology Medications			
Medication	Indication	MOA	SE
Hydroxychloroquine	JDMS, SLE, Sjogren's	Alters pH of lysosomes, decreasing immune recognition of autoantigens	Retinopathy, N/V, alopecia, hemolytic anemia in G6PD deficiency
Azathioprine	DM/PM, SLE, vasculitis	Antimetabolite	Bruising, myelosupp, lymphoproliferative d/o
Methotrexate	RA, JIA, Psoriatic arthritis, JDM, vasculitis	Dihydrofolate reductase inhibitor	Hepatotoxicity, Stomatitis, Pancytopenias, ILD, Alopecia, Fever
Sulfasalazine	RA, JIA, UC, Crohn's	TNF and IL-1 suppressor	Hepatotoxicity, SJS, Stomatitis, Hemolytic anemia
Leflunomide	RA, JIA, Psor. arthritis	Pyrimidine synthesis inhibitor	Hepatotoxicity, Cytopenias
Abatacept, Rituximab, Tocilizumab	RA, SLE neph, GPA, MPA, RA	Non-TNF biologics	Increased infections due to Immunosuppression, HA, N/V, HTN, infusion reaction, fever, rash, PML
Adalimumab, Etanercept, Infliximab	RA, JIA, Psoriatic arthritis, AS psoriasis, IBD, vasculitis (TA, DADA2)	TNF inhibitors	Infection, Reactivation of TB, Demyelination, CHF, Malignancy
Cyclophosphamide	Vasculitis, scleroderma, ILD	Alkylating agent	Immunosuppression, Hemorrhagic cystitis, Cancer (esp skin, bladder)

Vasculitis				
Vasculitides by Vessel Size				
	Age	Symptoms/Signs	Biopsy/Labs	Treatment
<b>Large Vessel</b>				
<b>Temporal (Giant Cell) Arteritis</b>	<ul style="list-style-type: none"> <li>Only age &gt; 40 yo</li> <li>Carotid arteries</li> </ul>	<ul style="list-style-type: none"> <li>Unilat. Headache</li> <li>Jaw claudication</li> <li>Polymyalgia rheumatica</li> </ul>	<ul style="list-style-type: none"> <li>Elevated ESR</li> <li>Granulomatous</li> <li>inflammation</li> </ul>	<ul style="list-style-type: none"> <li>High-dose steroids</li> <li>anti-IL6 biologics</li> </ul>
<b>Takayasu's arteritis</b>	<ul style="list-style-type: none"> <li>Asian Females</li> <li>Aortic arch</li> </ul>	<ul style="list-style-type: none"> <li>"Pulseless Disease"</li> <li>Fever, night sweat, arthritis, weight loss, fatigue</li> </ul>	Elevated ESR	Steroids
<b>Medium Vessel</b>				
<b>Polyarteritis nodosa</b>	<ul style="list-style-type: none"> <li>Young adults</li> <li>Immune complex</li> </ul>	<ul style="list-style-type: none"> <li>Constitutional symptoms</li> <li>Renal failure, acute MI, bloody diarrhea, peripheral neuropathy.</li> </ul>	Transmural fibrinoid necrosis	<ul style="list-style-type: none"> <li>Steroids</li> <li>anti-TNF biologics</li> <li>Anti-metabolites</li> </ul>