Common Orthopaedic/Rheumatological Histories



Presenting	Exploding symptom	Relevant system reviews	Differential diagnoses		Clues to differential
complaint			Grouping	Differentials	
Lower back pain	<u>Pain</u> S ite	General Fever, night sweats, weight loss	Orthopaedic	Muscular	Acute onset lower back pain In paraspinal muscles, not central
pain	Onset Character Radiation Associated symptoms Timing Exacerbating/relieving factors Severity Associations Sciatica, stiffness/deformity, sciatica, incontinence, neurological symptoms	Neuro • Motor: weakness/wasting, incontinence • Sensory: pain, numbness, tingling Gl/urinary •Incontinence		Lumbar spondylosis and facet joint syndrome (lumbar arthritis) Lumbar disc prolapse Discitis Spinal fracture	Chronic episodic mechanical lower back pain Backache related to standing/walking a lot/sitting in one place Progressive stiffening Acute onset while lifting/bending Severe pain True sciatica Neurological symptoms e.g. weakness, numbness (usually L5/51 distribution) Fever and systemic upset Risk factors e.g. injecting drug user History of trauma Sudden onset
	Red flags • Cauda equina: urinary retention/incontinence, faecal		Rheumatological	Ankylosing spondylitis	Morning stiffness Pain worse on rest
	incontinence, bilateral leg pain, severe/progressive neurological deficit •Infection or cancer: age <16 or >55 years at onset, cancer, weight loss, fever, night sweats, injecting drugs, immunosuppression •Fracture: trauma •Spondyloarthropathy: EMS, night pain, worse with rest		Other differentials	Myeloma bone lesion Bony metastasis Paget's disease Spondylolithesis Osteoportic vertebral Non-orthopaedic/rhe Pyelonephritis PID Pancreatitis AAA	astasis sease ithesis cic vertebral collapse opaedic/rhematological rritis

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Joint pain/	Pain	<u>General</u>	Rheumatological	Rheumatoid	•Slowly progressive symmetrical polyarthritis	
stiffness/	<mark>S</mark> ite(s)	Fever, rashes, weight loss		arthritis	•Small joints (commonly of hand)	
swelling	Onset .				•Deforming	
	<u>C</u> haracter	Rheumatological			Early morning stiffness	
	Radiation .	• Joints: pain, stiffness, swelling		Gout	• First MTP joint most commonly affected	
	Associated symptoms	•Work down body: skin (rashes,			•Isolated swollen, hot, painful joint	
	Timing	ulcers, raynauds), hair loss, eyes			 Hyperuricaemia risk factors e.g. diuretics, 	
	Exacerbating/relieving factors Severity	(redness, dryness), mouth (dryness), chest (breathlessness,			alcohol excess (esp beer), renal disease	
				Psoriatic arthritis	 Associated skin plaques and nail changes 	
		SOB), GI (IBD symptoms), GU			 Early morning stiffness 	
	Stiffness/swelling •Worse in morning?, how long for (30mins=inflammatory,	(discharge)			Many patterns of joint involvement	
				SLE	 Systemically illness with intermittent fevers 	
					 Photosensitive rash 	
	5mins=osteoarthritis)				 Generalised myalgia and arthralgia 	
	Better or worse after exercise Sleep disturbance Loss of function				 Other systemic Sx (e.g. psych disturbance, 	
					pleurisy, ulcers)	
				Enteropathic	 Symmetrical arthritis of lower limb joints 	
				arthritis	and SI joints	
					•Early morning stiffness	
					•Symptoms/diagnosis of Crohn's or UC	
			Orthopaedic	Osteoarthritis	•Elderly	
					 Worse on movement (rest helps) and at end 	
					of day	
				Septic arthritis	 Isolated hot, red, swollen joint 	
					 Agonizingly painful 	
					Systemically unwell with fever	
			Other	Single joint		
			differentials	Traumatic (dislocation/fracture/ligament injury)		
				Haemophilia haemarthrosis		
				Pseudogout		
					ms (e.g. knee – chondromalacia patellae, Osgood-	
					patellar tendinitis; hip – avascular necrosis)	
				Adhesive capsulitis		
				Transient synovitis		
				Bursitis	Reiter's disease	
				Multiple joints		
				Viral polyarthritis (flu, HIV, hepatitis, rubella)		
				Other connective tissue disorders e.g. systemic sclerosis,		
				polymyositis, polyarteritis nodosa Othor spondulos theoretis og a polydosing spondulitis. Poitor's		
				Other spondyloarthropathies e.g. ankylosing spondylitis, Reiter's disease, Behcet's syndrome, juvenile chronic arthritis		
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			l	Rheumatic fever		