Ski Injuries Duncan Tennent Professor of Orthopaedic Education Consultant Shoulder & Elbow Surgeon Cleveland Clinic

Slide 2



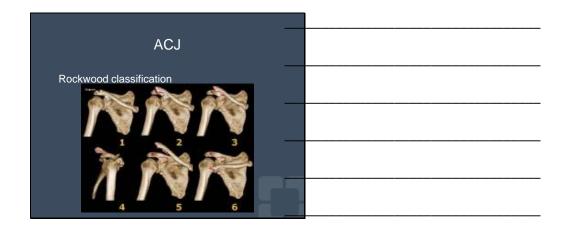


What happens on the mountain?

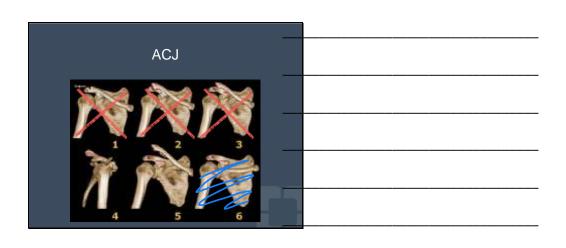
Slide 5



Format		
ACJ		
Dislocation	 	
Rotator Cuff		
SLAP tears		



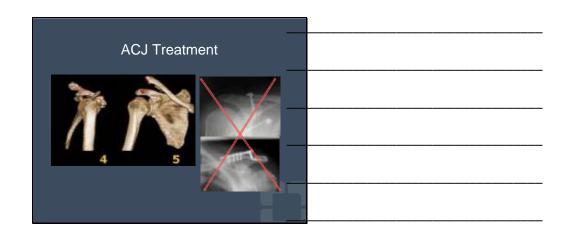
Slide 8





ACJ Treatment

Slide 11

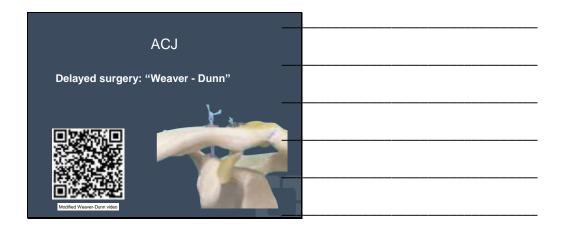




Innapropriate conservative Tm (Missed Gd 4/5) < 3 weeks - acute surgery > 3 weeks- delayed surgery - no rush

Slide 14





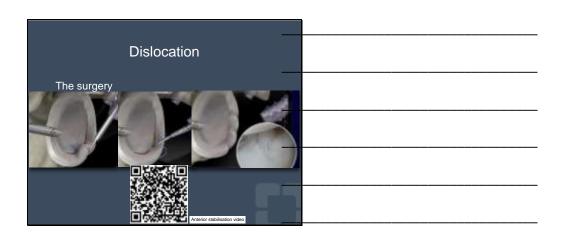
Slide 16	Dislocation Mostly anterior Mostly traumatic (check previous Hx)	
	_	
Slide 17	_	
	Dislocation	
		1
	_	
Slide 18	_	
	Dislocation	
	Check	
	Diagnosis (often no x-rays)	
	Neurovascular status	
	1st time / recurrent	

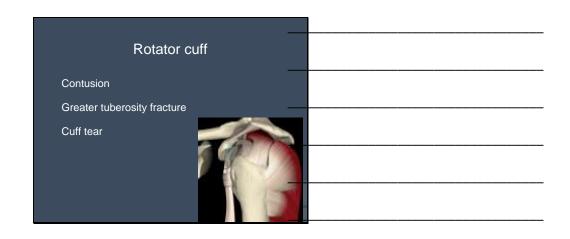
Rare to have acute mountain surgery

Slide 19		
	Dislocation	
	Management - 1st time	
	<20yrs: >80% chance of recurrence	
	>30yrs: <5% chance of recurrence	
	>50yrs: greater risk of acute cuff tear	
	97	
Slide 20		
	Dislocation	
	Management - 1st time	
	<20: >80% chance of recurrence - ? surgery	
	>30: <5% chance of recurrence -	
	conservative	
	>50: greater risk of acute cuff tear - scan if not progressing @ 6/52	
Slide 21		
Slide 21	Dislocation	
	Distocation	
	Managment - Recurrent dislocation	
	Refer on -not going to get better	

Dislocation Other factors Contact sports Bone loss

Slide 23



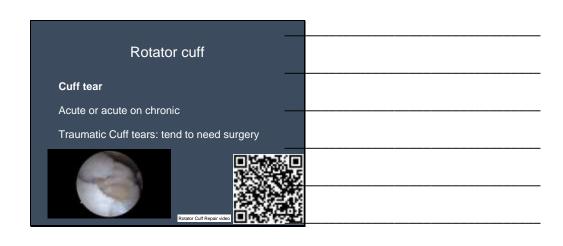


Slide 25		
	Rotator cuff	
	Observations	
	Risk of tear rises with age	
	GT impact fracture mostly missed on XR	
	Check brachial plexus / axillary nerve esp in older patients	
Slide 26		
	Rotator cuff	
	Clinical picture	
	Early: all the same, lateral pain, elevation difficult, ? Weak	
	6 weeks: contusion/ tendinosis/GT # improving	
	Small cuff tear: hard to distinguish	
	Large cuff tear: pseudoparalytic	
Slide 27		
	Rotator cuff	
	Contusion	
	Tendinitis / bursitis	
	Compression of cuff between GT & acromion	



Slide 29

Rotator cuff Management Any doubt- early ultrasound for diagnosis GT #: have a habit of getting stiff but do well Tendinosis: ? Steroid injection



SLAP Tears Superior Labrum Anterior Posterior Attachment of LHB Often diagnosed on MRI Clinical testing unreliable

Slide 32





SLAP Tears Management Most not relevant Many asymptomatic Debride Repair Biceps tenodesis

Slide 35



