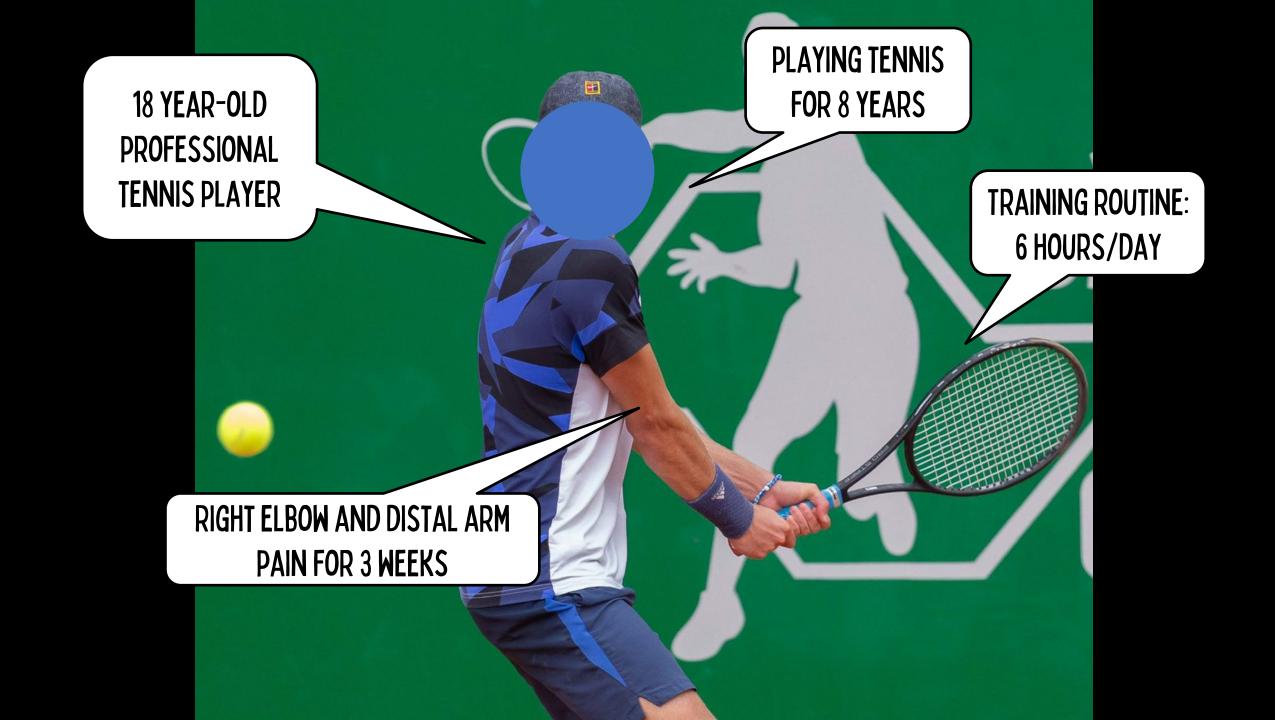
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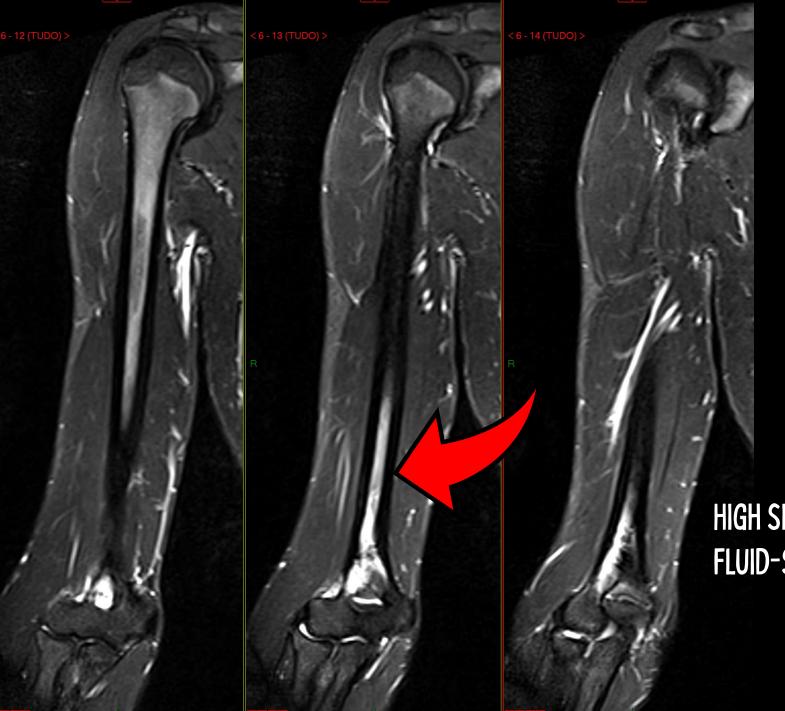


AS WE CAN SEE



HIGH SIGNAL INTENSITY ON FLUID-SENSITIVE SEQUENCES





HIGH SIGNAL INTENSITY ON FLUID-SENSITIVE SEQUENCES

LINEAR PERIOSTEAL REACTION PROFESSIONAL TENNIS

NO SIGNS OF CORTICAL BREAK NO SOFT TISSUE EXTENSION

Cortical Thickening

HUMERAL STRESS REACTION IN AN ELITE TENNIS PLAYER

Some Areas of Intermediate Signal on T1 Case Reports > Br J Sports Med. 2006 Aug;40(8):710-3; discussion 713. doi: 10.1136/bjsm.2005.021386.

When physiology becomes pathology: the role of magnetic resonance imaging in evaluating bone marrow oedema in the humerus in elite tennis players with an upper limb pain syndrome

G Hoy ¹, T Wood, N Phillips, D Connell, D C Hughes

8 PCTS — AUSTRALIAN OPEN 2002: PAIN IN THE DOMINANT ARM (4M:4F) Bone Marrow Edema and Periostitis SAME GROUP, NOW 12 PCTS — AUSTRALIAN OPEN 2002 & 2003 (8M:4F) Bone Marrow Edema was related with the duration of symptoms MILD (0-24%), moderate (25-74%) and severe (75-100%)

> AJR Am J Roentgenol. 2006 Oct;187(4):901-4. doi: 10.2214/AJR.05.1058.

MRI of stress reaction of the distal humerus in elite tennis players

Justin C Lee ¹, Frank A Malara, Timothy Wood, Greg Hoy, Asif Saifuddin, David A Connell

HUMERAL STRESS REACTION IN AN ELITE TENNIS PLAYER

Case Reports > Br J Sports Med. 2007 Nov;41(11):824-6. doi: 10.1136/bjsm.2006.034942.

Stress reaction of the humerus in tennis players

Rogerio Teixeira Silva ¹, Luis Guilherme Hartmann, Cristiano Frota de Souza Laurino

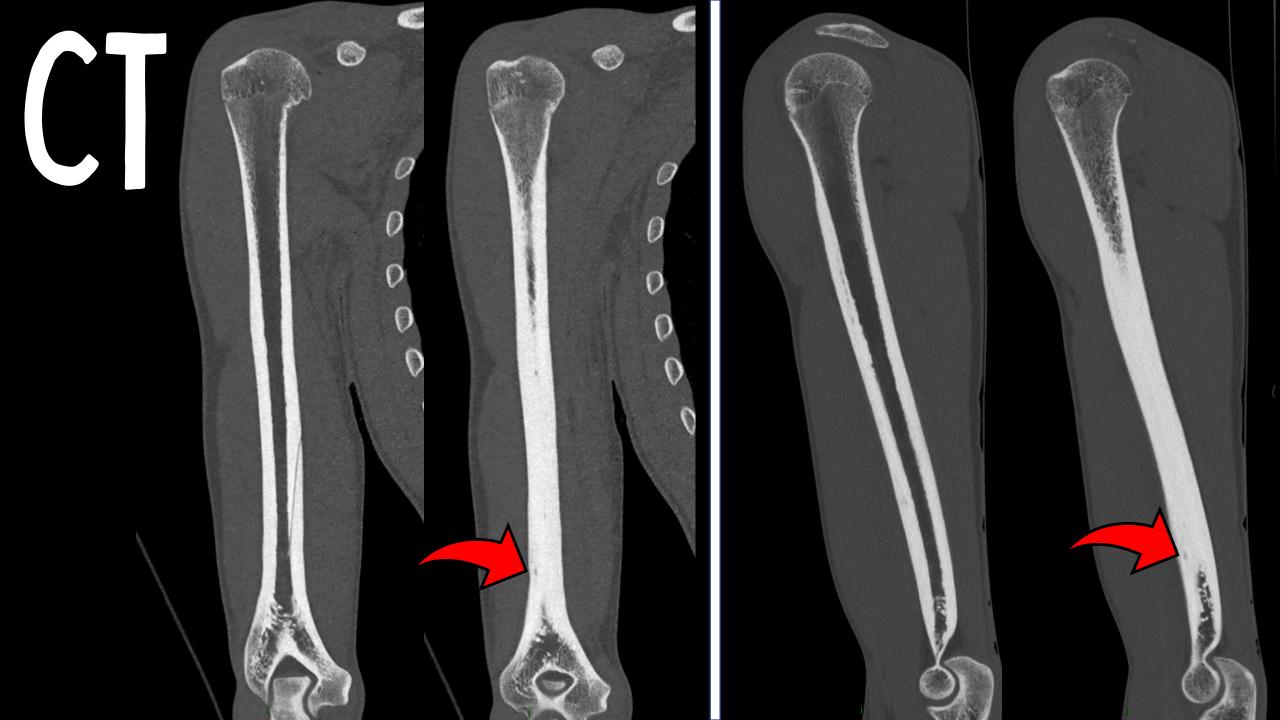
5 PCTS - (4M:1F)

INCREASING PAIN WHEN SERVING PALPABLE PAIN OVER THE DISTAL HUMERUS POSITIVE "HUMERUS SQUEEZE TEST" (MEDLAT AND ANTPOST)

Review > Curr Sports Med Rep. 2020 Oct;19(10):414-421. doi: 10.1249/JSR.00000000000000060.

Common and Less Well-known Upper-limb Injuries in Elite Tennis Players

Nicholas Shannon ¹, Brian Cable ², Timothy Wood ², John Kelly 4th ²





HUMERAL STRESS REACTION AND (INCOMPLETE) STRESS FRACTURE IN AN ELITE TENNIS PLAYER

AFTER 8 WEEKS OF RESTING HE RETURNED GRADUALLY TO HIS TRAINING ROUTINE NO MORE COMPLAINTS ON THE FOLLOW UP

BLAME THE SERVE!

KINETIC CHAIN MOTION MUST BE PERFECT

THE MOST ENERGY-DEMANDING MOTION

IMPROPER KNEE FLEXION: MECHANICAL LOADS TRANSMITTED TO THE SHOULDER AND ELBOW INCRESES BY 17-23%

IT COMPRISES 45% TO 60% OF ALL STROKES IN A TENNIS MATCH

Review > Hand Clin. 2017 Feb;33(1):175-186. doi: 10.1016/j.hcl.2016.08.009.

Upper Extremity Injuries in Tennis Players: Diagnosis, Treatment, and Management

Kevin C Chung ¹, Meghan E Lark ²

THROWING SPORTS: SAME MECHANISM BUT IT CAN BE MORE VIOLENT !!!

 Review
 > Orthop Clin North Am. 2014 Oct;45(4):565-9. doi: 10.1016/j.ocl.2014.06.011.

 Epub 2014 Aug 3.

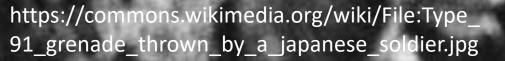
Thrower's fracture of the humerus

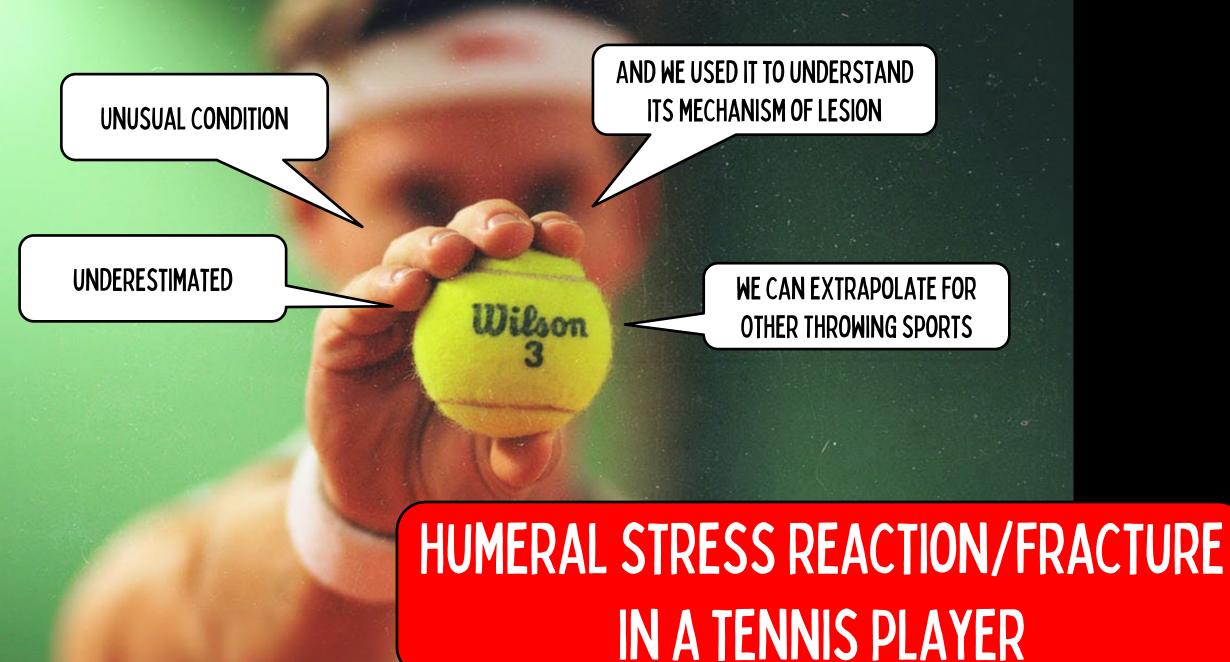
Andrew Miller ¹, Christopher C Dodson ², Asif M Ilyas ²



A mechanism of spiral fracture of the humerus: a report of 129 cases following the throwing of hand grenades

S L Chao, M Miller, S W Teng





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THANK YOU aguiar.rodrigo@gmail.com



