

II Congrés d'Ecografia Clínica en Atenció Primària (EcoAP)

"Enlaira't amb l'Ecografia"

Ecografia Musculoesquelètica Puncions ecoguiades

Xavier de Miguel Serra

Pol Admella Clanchet

Metges de Família i Comunitària

Membres del grup de treball d'ecografia clínica (EcoAP) de la CAMFiC

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Terapèutica en APS

Infiltraciones ecoguiadas en atención primaria

Xavier de Miguel Serra^{a,b,d}, Anna Francisco Arenas^{a,b,d}, Clara Alavedra Celada^{a,b,d}, Clara Peris Estany^{a,b,d}, Carmen Berbel Navarro^{a,b,d},
María Isabel González Prieto^{b,c,d}

► J Clin Orthop Trauma. 2018 Mar;9(Suppl 1):S80-S85. doi: 10.1016/j.jcot.2017.01.005.
Epub 2017 Feb 7.

Ultrasound guided versus landmark guided corticosteroid injection in patients with rotator cuff syndrome: Randomised controlled trial

Himanshu Bhayana¹, Puneet Mishra¹, Anupama Tandon², Amite Pankaj³, Rohit Pandey¹,
Raskesh Malhotra¹

Affiliations + expand

PMID: 29628705 PMCID: PMC5883910 DOI: 10.1016/j.jcot.2017.01.005

Review ► Australas J Ultrasound Med. 2024 Apr 19;27(2):97-105. doi: 10.1002/ajum.12386.
eCollection 2024 May.

Comparison of ultrasound guidance with landmark guidance for symptomatic benefits in knee, hip and hand osteoarthritis: Systematic review and meta-analysis of randomised controlled trials

Win Min Oo^{1,2}, James Linklater³, Md Abu Bakar Siddiq², Kai Fu^{2,4}, David J Hunter²

Affiliations + expand

PMID: 38784696 PMCID: PMC11109994 DOI: 10.1002/ajum.12386

Abstract

Introduction: More than half of the patients with moderate and severe osteoarthritis (OA) report unsatisfactory pain relief, requiring consideration of intra-articular (IA) injections as the second-line management. Ultrasound-guided IA injection has proven evidence of higher accuracy in administering IA injectates into the joints than landmark-guided or blind IA injections. However, questions remain about translating higher accuracy rates of ultrasound-guided injection into better clinical improvements. Therefore, we examined the symptomatic benefits (pain, function and patient satisfaction) of ultrasound-guided injection in knee, hip and hand OA compared with blind injections by synthesising a systematic review and meta-analysis of randomised controlled trials (RCT).

Meta-Analysis ► J Ultrasound. 2023 Sep;26(3):593-604. doi: 10.1007/s40477-022-00684-1.

Epub 2022 May 6.

Systematic review and meta-analysis on the effectiveness of ultrasound-guided versus landmark corticosteroid injection in the treatment of shoulder pain: an update

Mohamed Magdy ElMeligie¹, Nashwa M Allam², Radwa M Yehia³, Ahmed A Ashour⁴

Affiliations + expand

PMID: 35524038 PMCID: PMC10468470 DOI: 10.1007/s40477-022-00684-1

► Am J Phys Med Rehabil. 2025 Jul 23. doi: 10.1097/PHM.0000000000002803. Online ahead of print.

Accuracy and Efficacy of Intra-Articular Knee Injections/Aspirations Under Ultrasound versus Landmark Guidance: A Systematic Review

Donald Kasinton¹, Reed Williams², Veena Peraka¹, Levent Özçakar³, Nitin B Jain⁴

Affiliations + expand

PMID: 40729535 DOI: 10.1097/PHM.0000000000002803

Abstract

Purpose: To review the current literature on the accuracy and efficacy of ultrasound (US)- and landmark (LM)-guided intra-articular knee injections.

Methods: A systematic review was performed following the Cochrane process from April 2023 to August 2023 utilizing PubMed, Embase, Web of Science, and Scopus. Branched logic was used to include articles containing terms regarding the knee AND ultrasound AND injections. Two authors screened studies for eligibility, and any disagreement was resolved through discussion with a third reviewer. Risk-of-bias assessments were performed.

Results: A total of 13 studies were included in the review. Cumulative accuracies amounted to 95.4% (356/373) versus 82.0% (268/327) for US-guided and LM-guided intra-articular knee injections/aspirations, respectively. All but one study looking at efficacy showed significantly improved outcomes in the US-guided injection/aspiration groups.

Conclusions: This systematic review provides data to support that US-guided intra-articular knee injections/aspirations are more accurate and efficacious than LM-guided intra-articular knee injections/aspirations.

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MEDICINE

► J Rehabil Med. 2024 Aug 26;56:40769. doi: 10.2340/jrm.v56.40769.g

COMPARISON OF ULTRASOUND- VS LANDMARK-GUIDED INJECTIONS FOR MUSCULOSKELETAL PAIN: AN UMBRELLA REVIEW

Peng-Chieh SHEN¹, Ting-Yu LIN¹, Wei-Ting WU^{2,3}, Levent ÖZÇAKAR⁴, Ke-Yin CHANG^{2,3,5,6*}

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PMCID: PMC11367678 PMID: 39185547

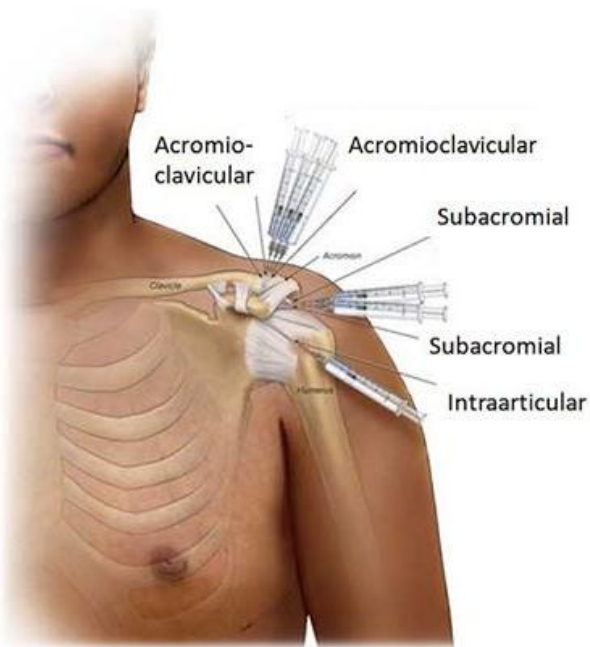
Abstract

Objective

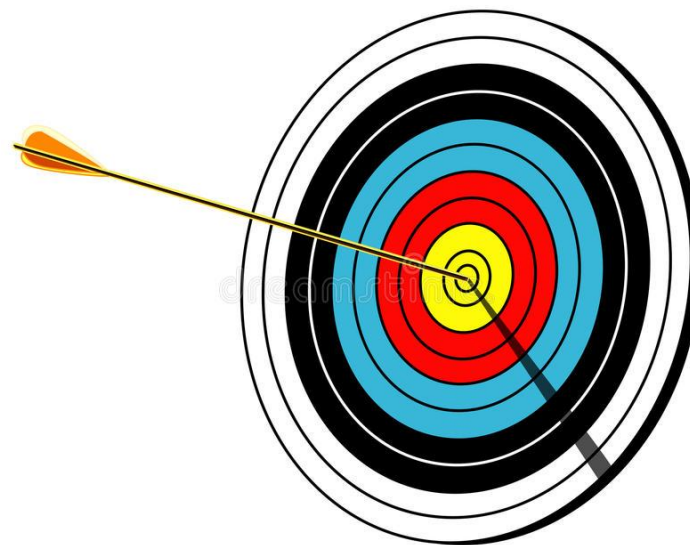
This umbrella review synthesizes systematic reviews and meta-analyses to reach a conclusion concerning the overall effectiveness of ultrasound-guided vs landmark-guided injections for treating musculoskeletal pain.

PRECISIÓ

70% topogràfica

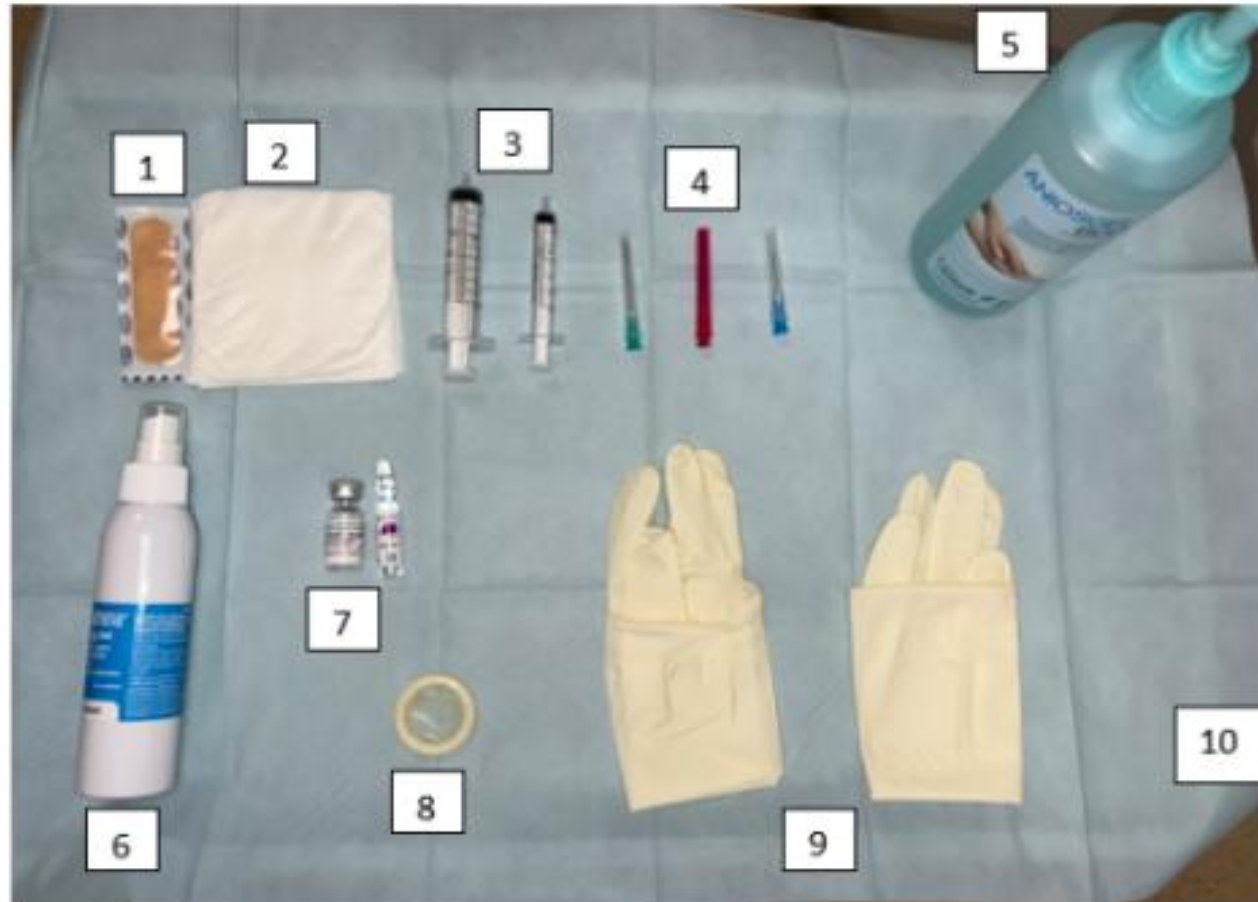


100% ecoguiat



4 MATERIAL

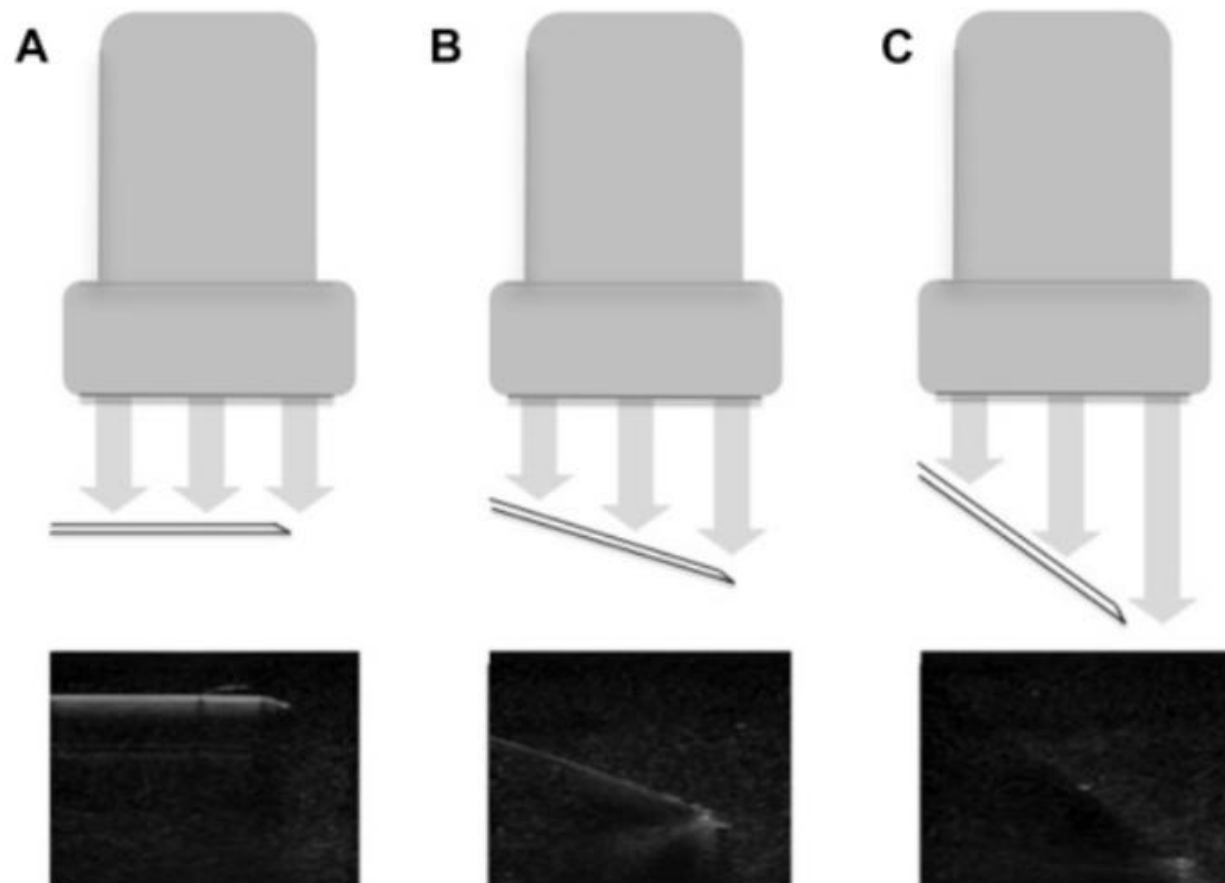
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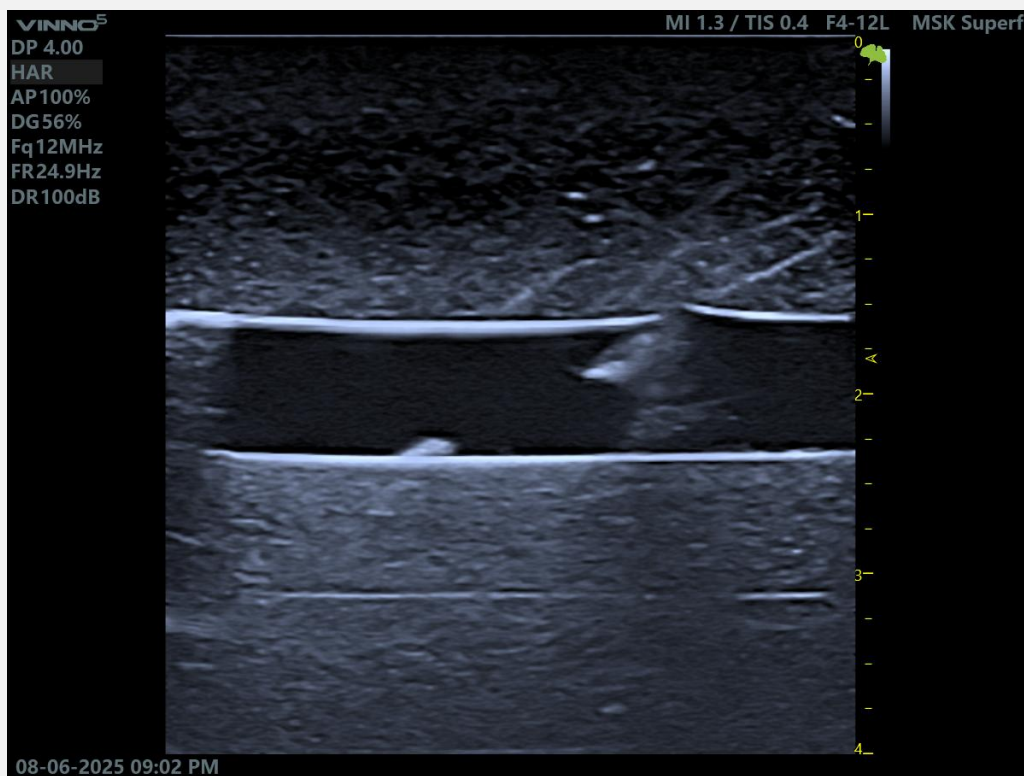
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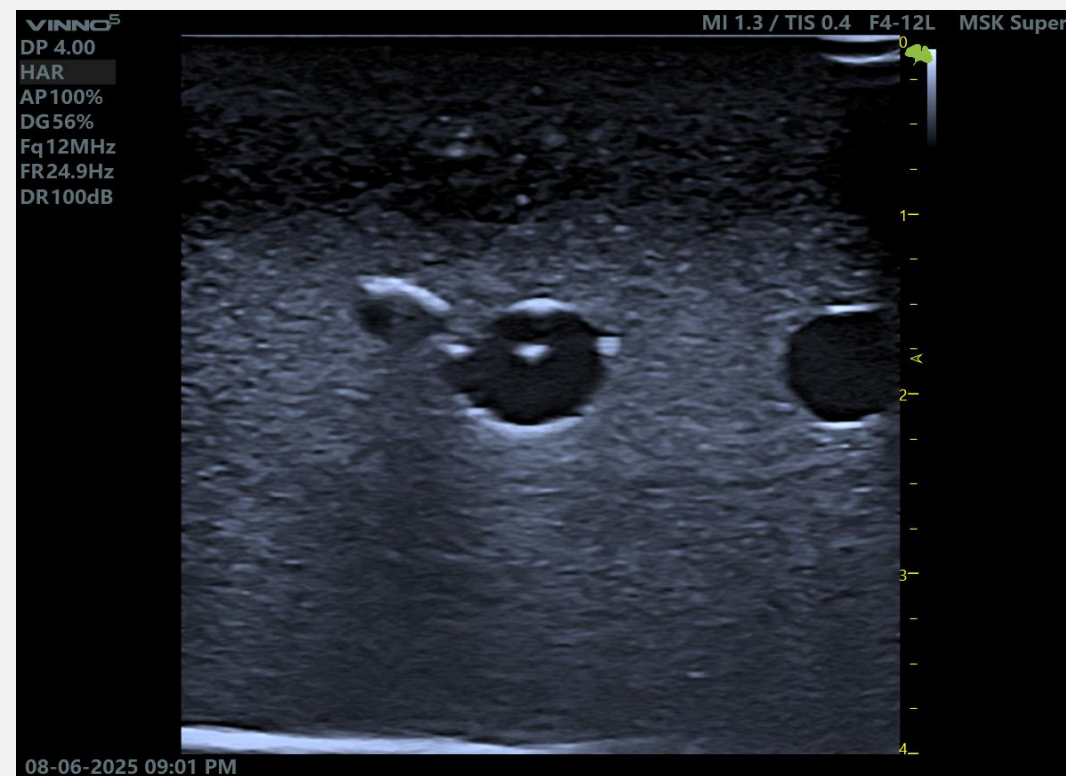
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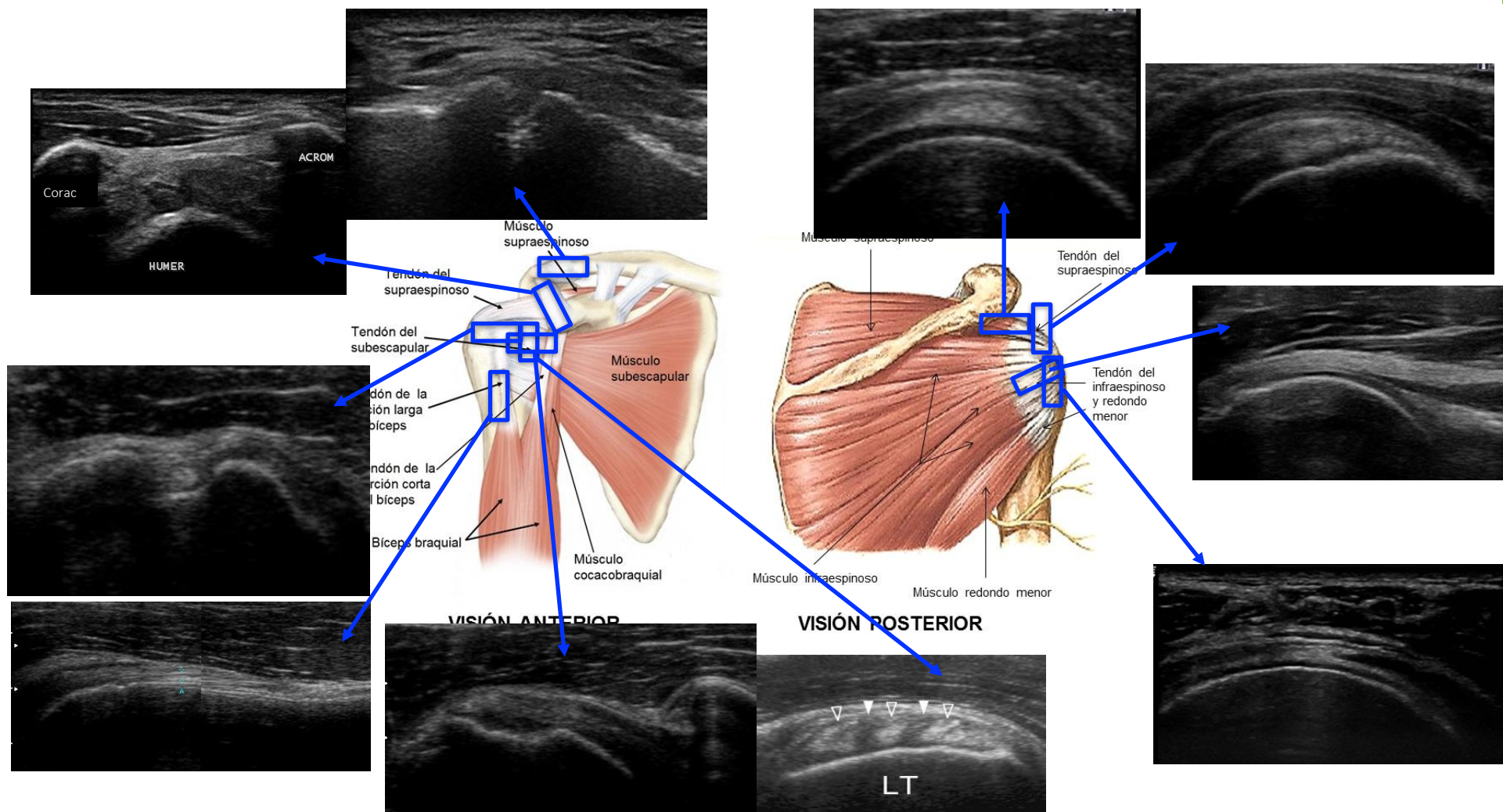


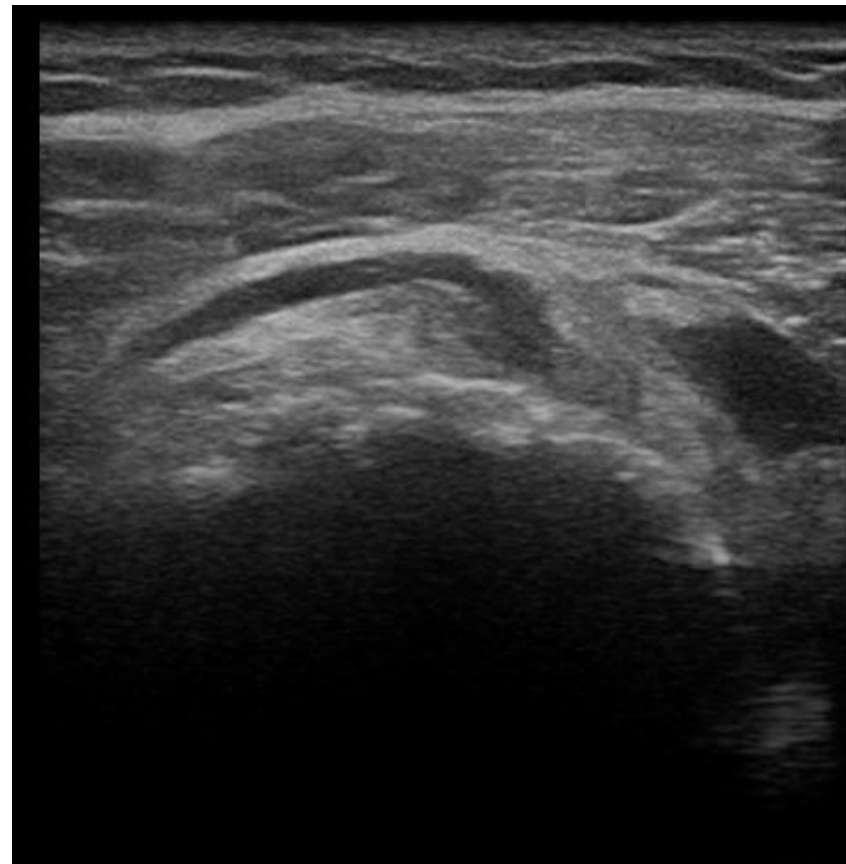
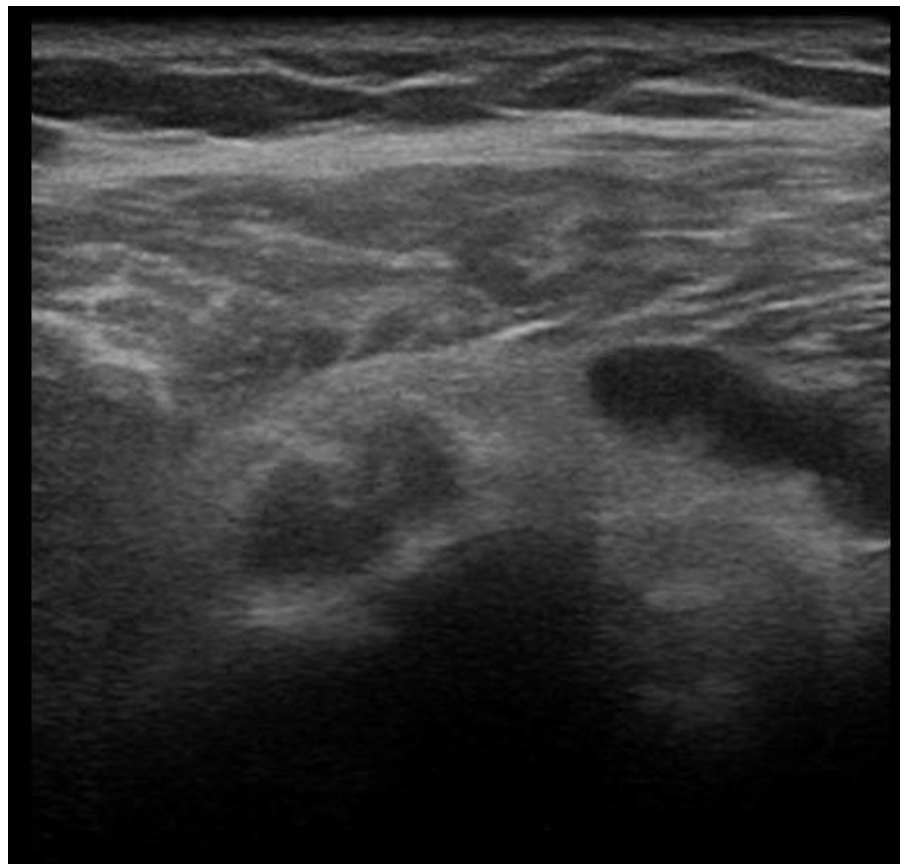
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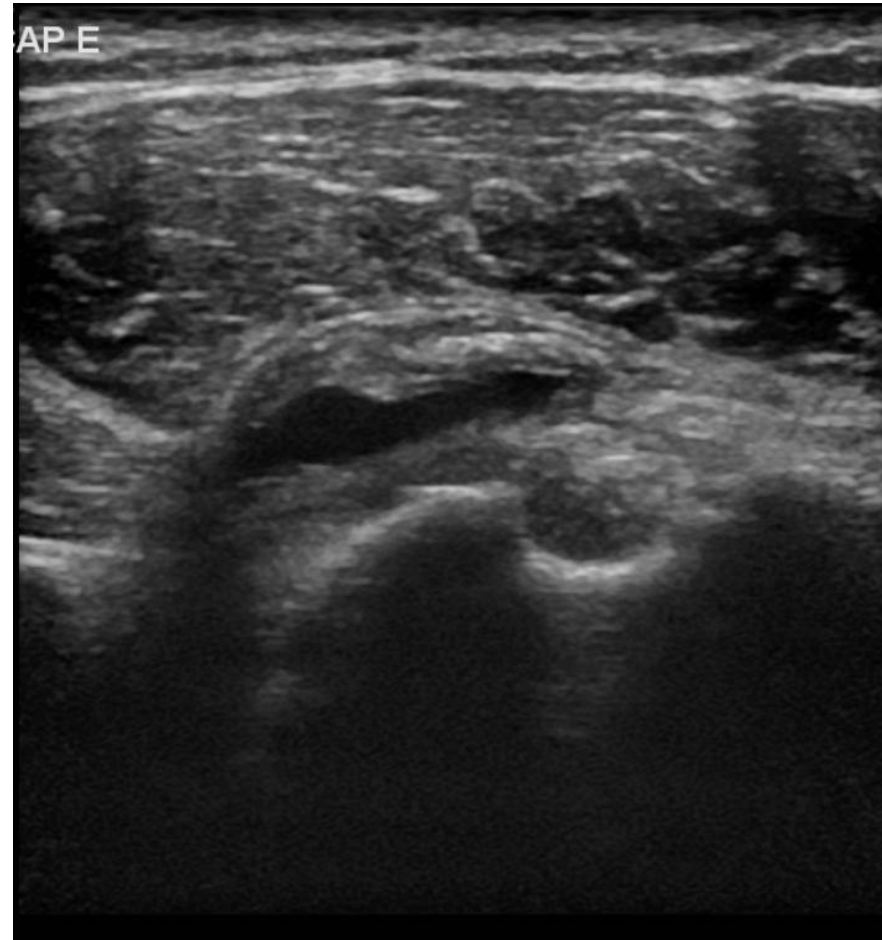
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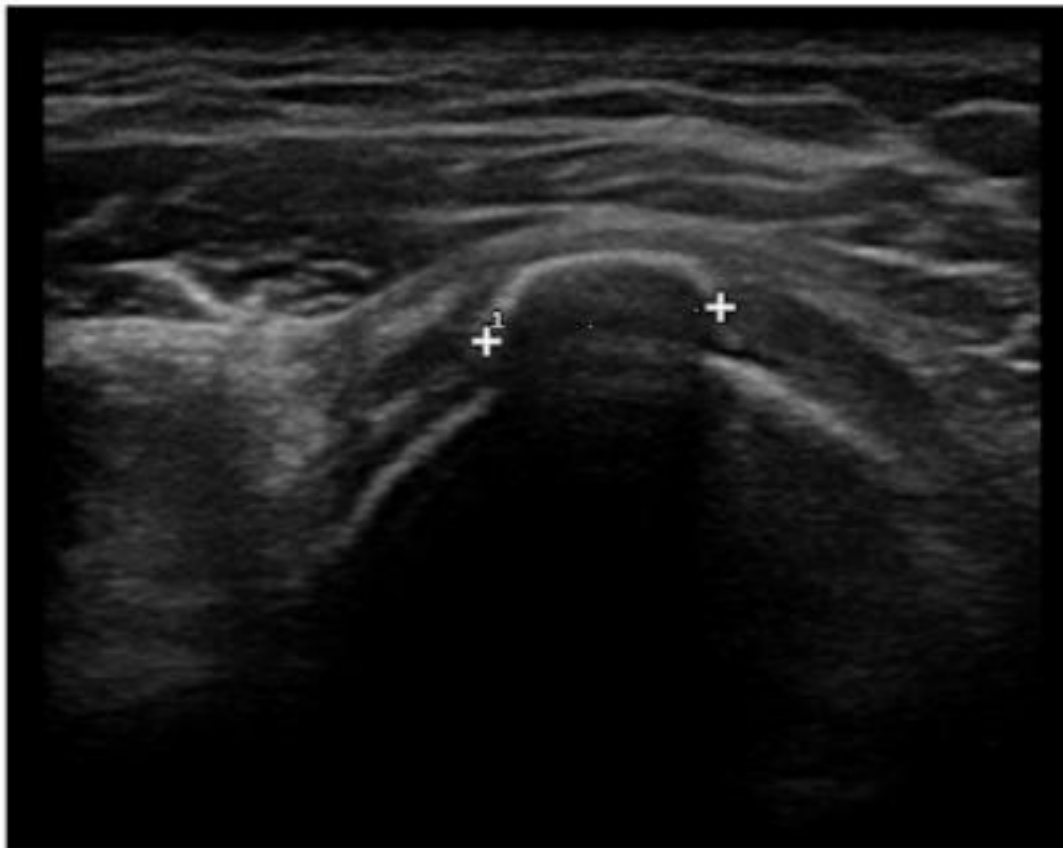




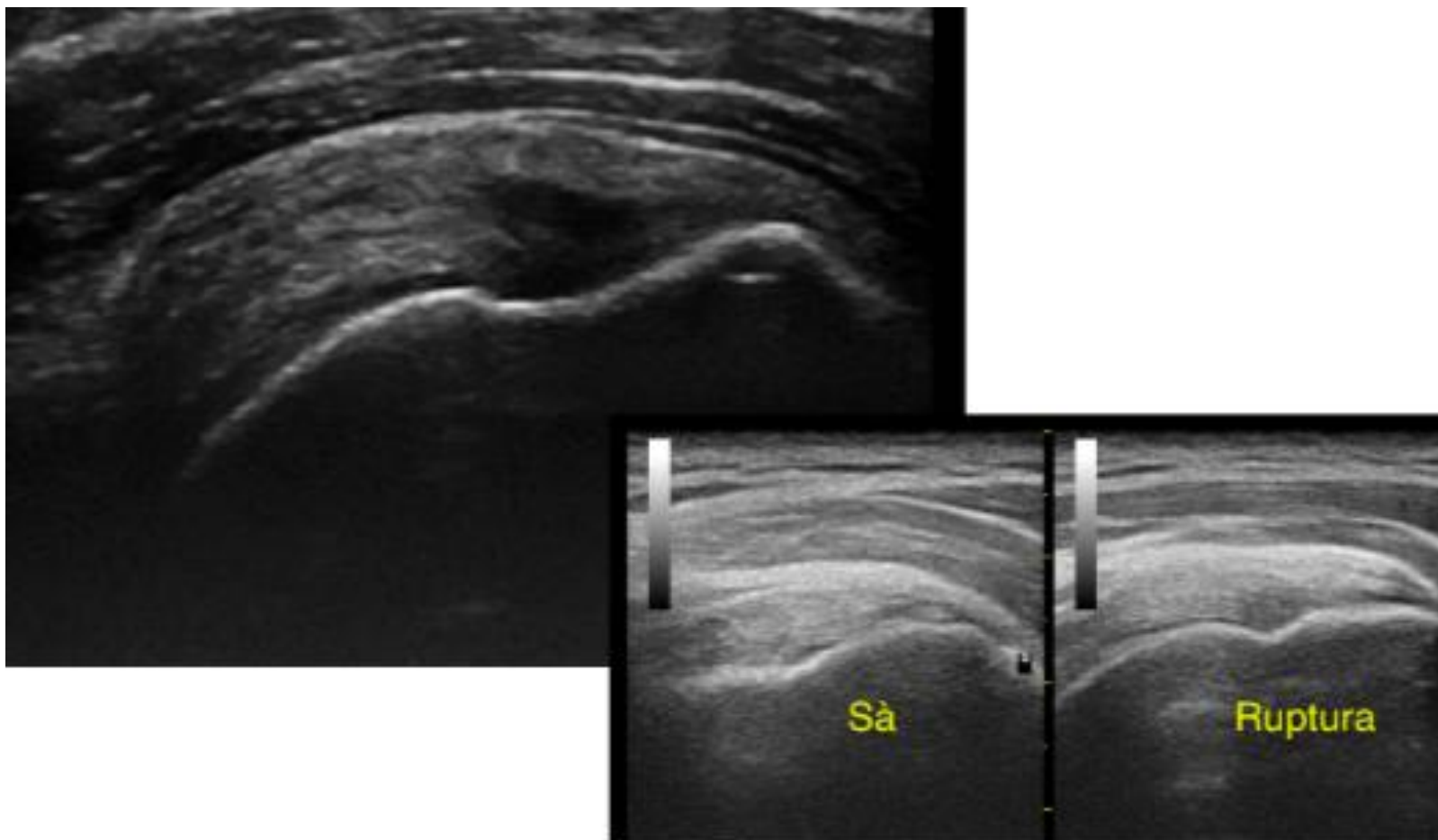
Postrumàtic (supraespinòs)



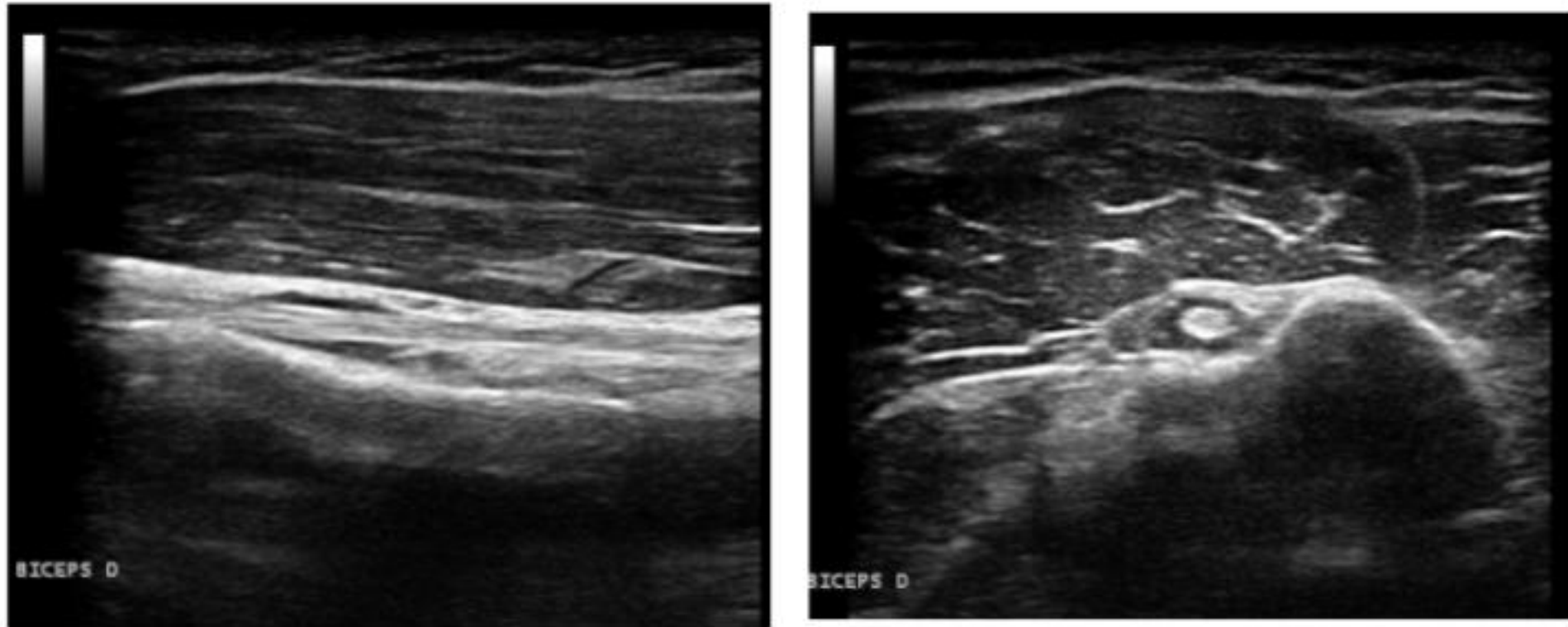
Bursitis subacromiodeltoidea



Calcificació en teula supraespinòs



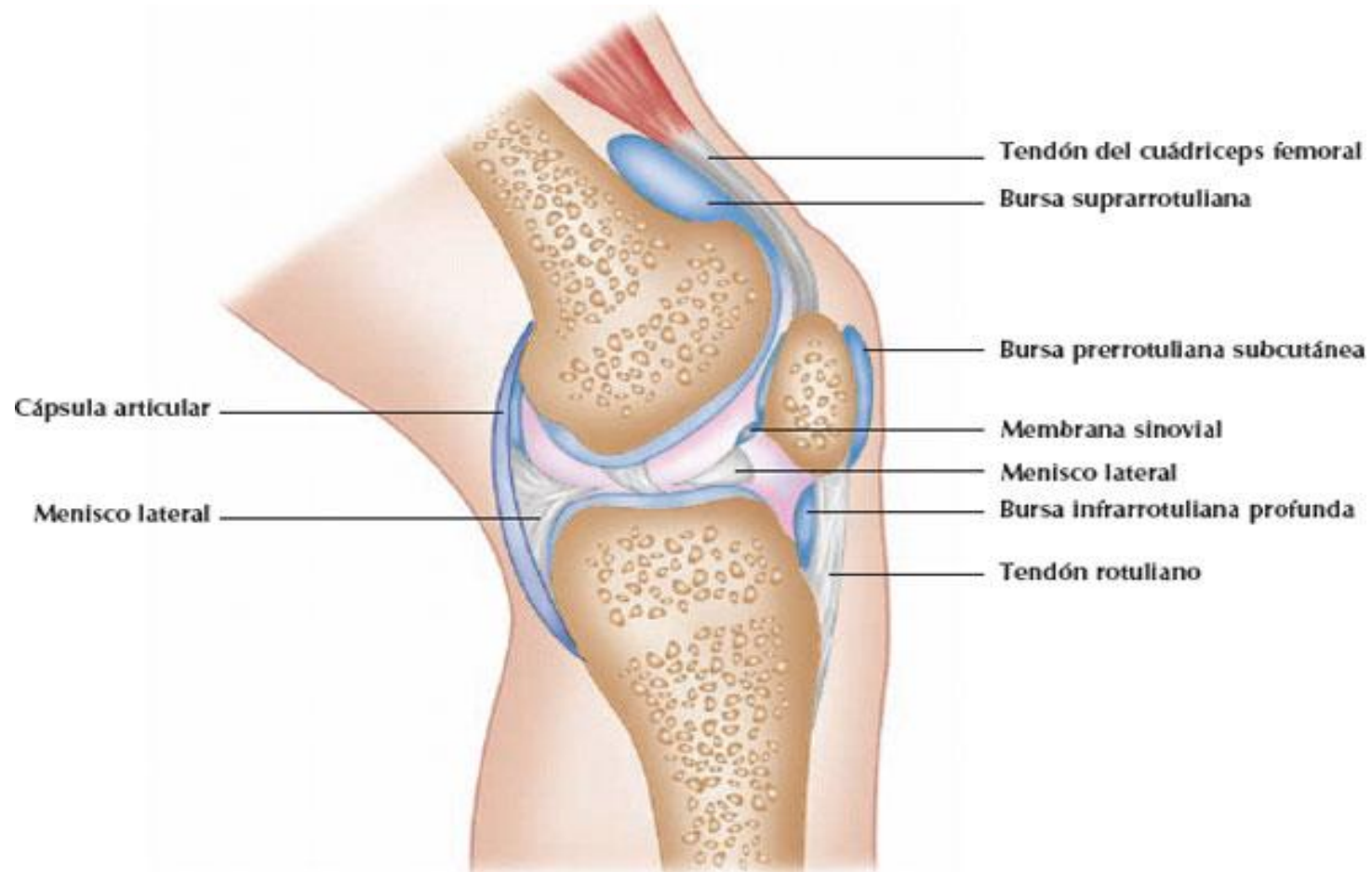
Ruptura parcial del tendó del supraespinòs

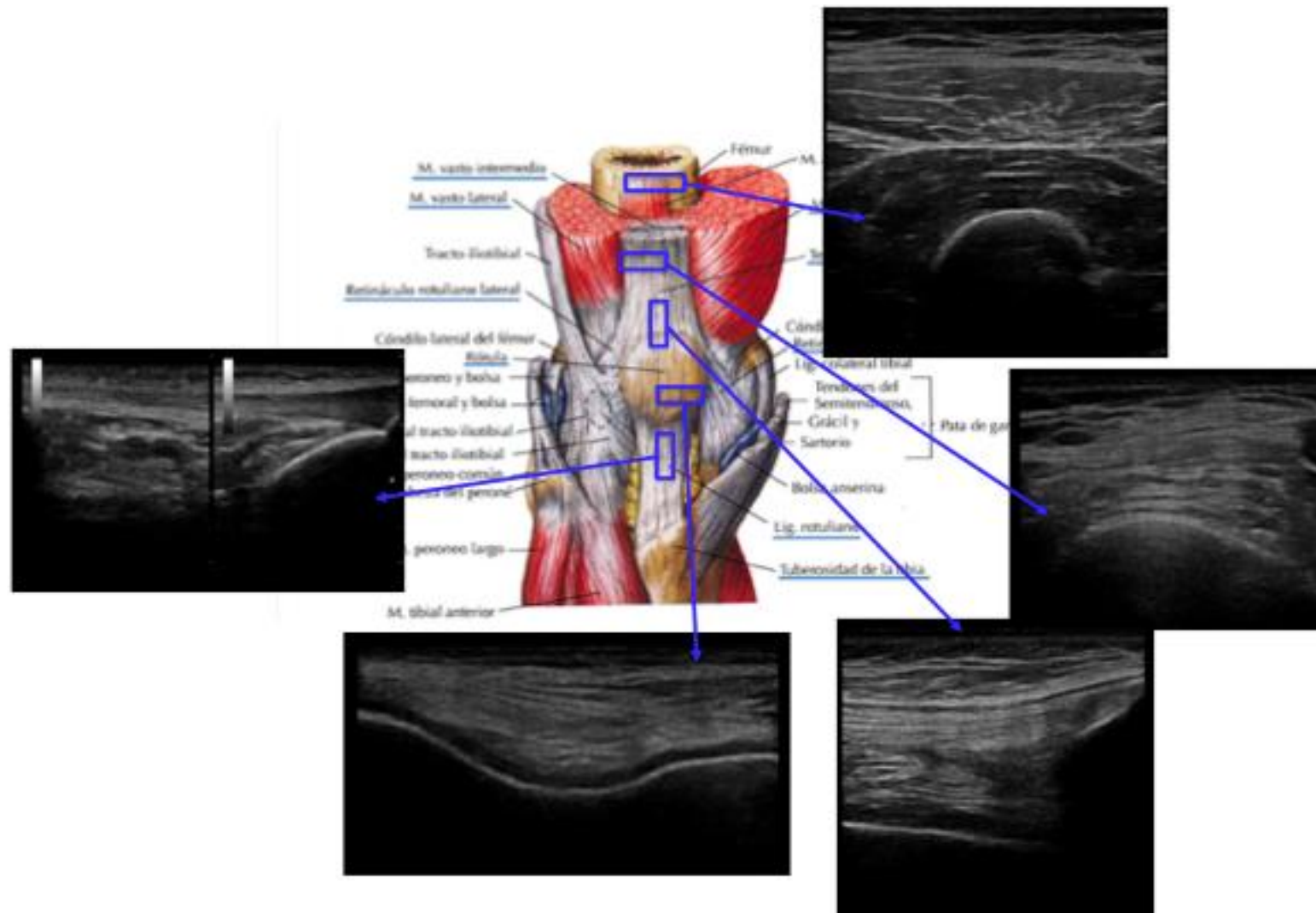


Tenosinovitis del tendó de la porció llarga del bíceps

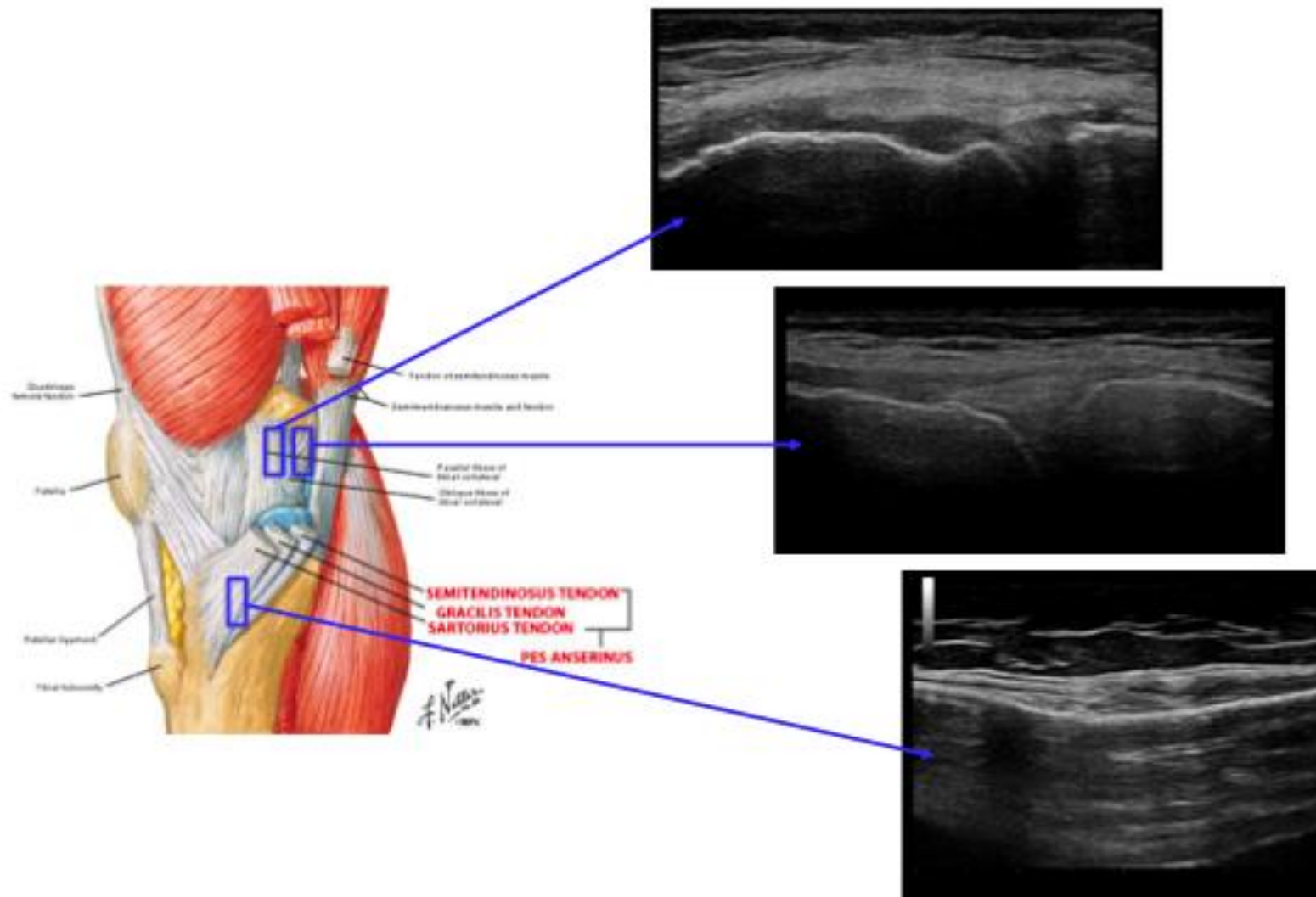
14 Infiltració ecoguiada



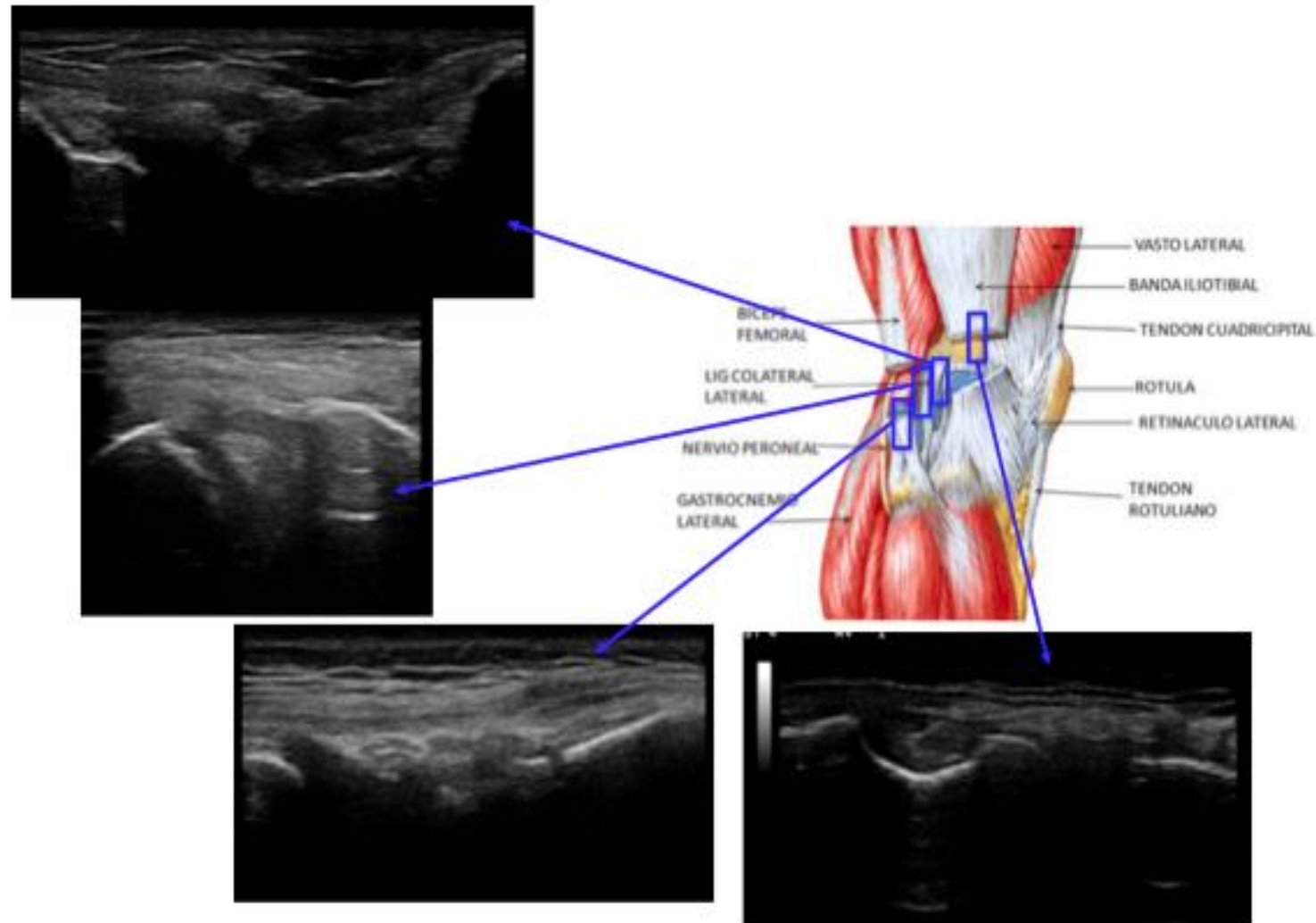


Cara anterior

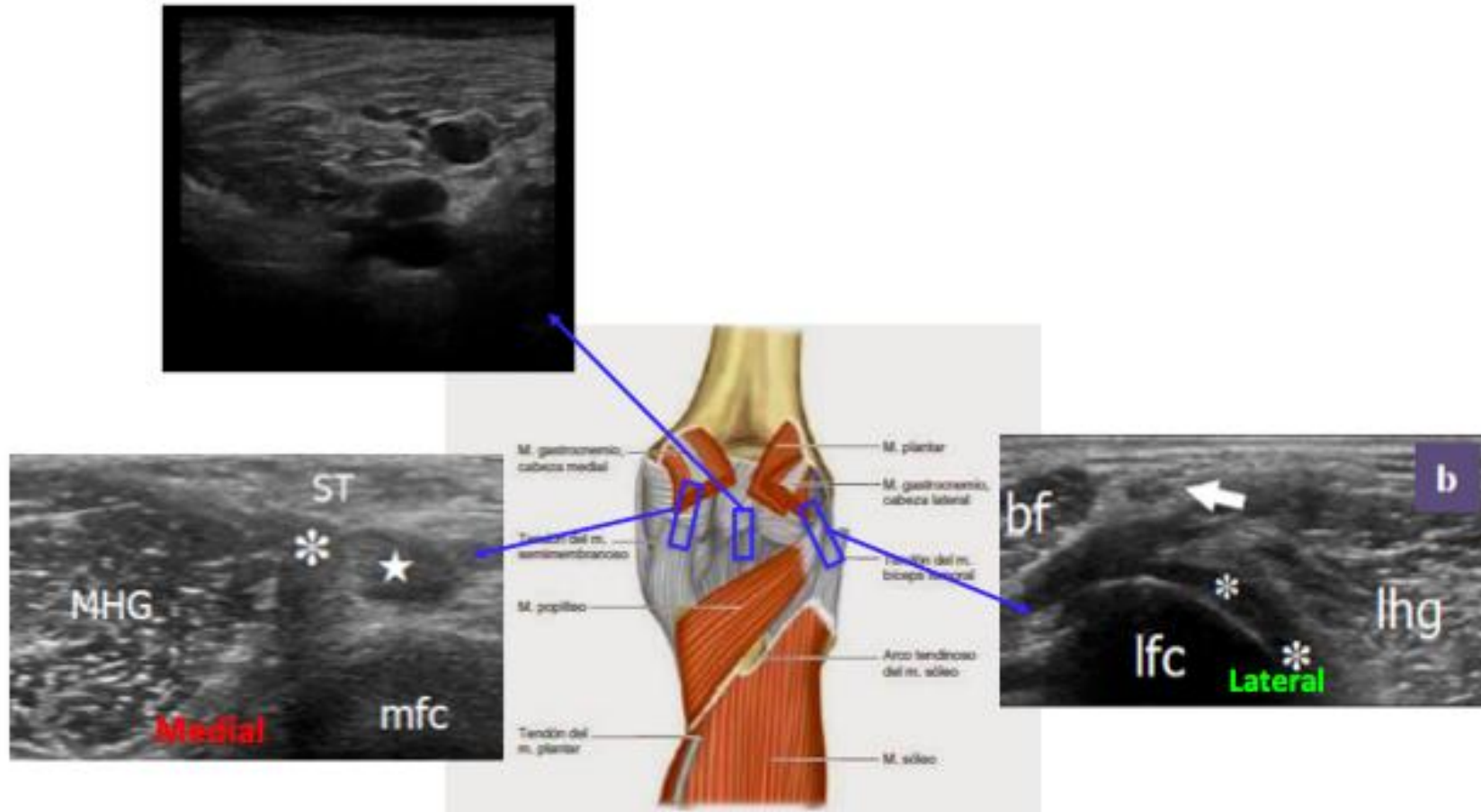
Cara medial



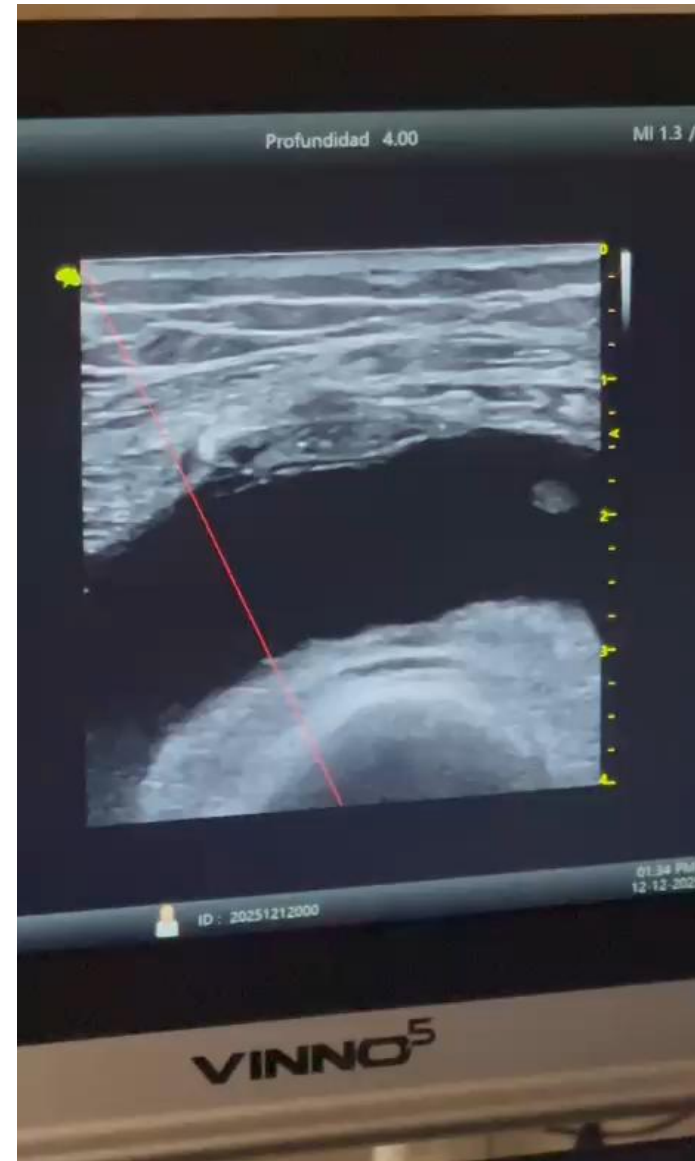
Cara lateral



Cara posterior

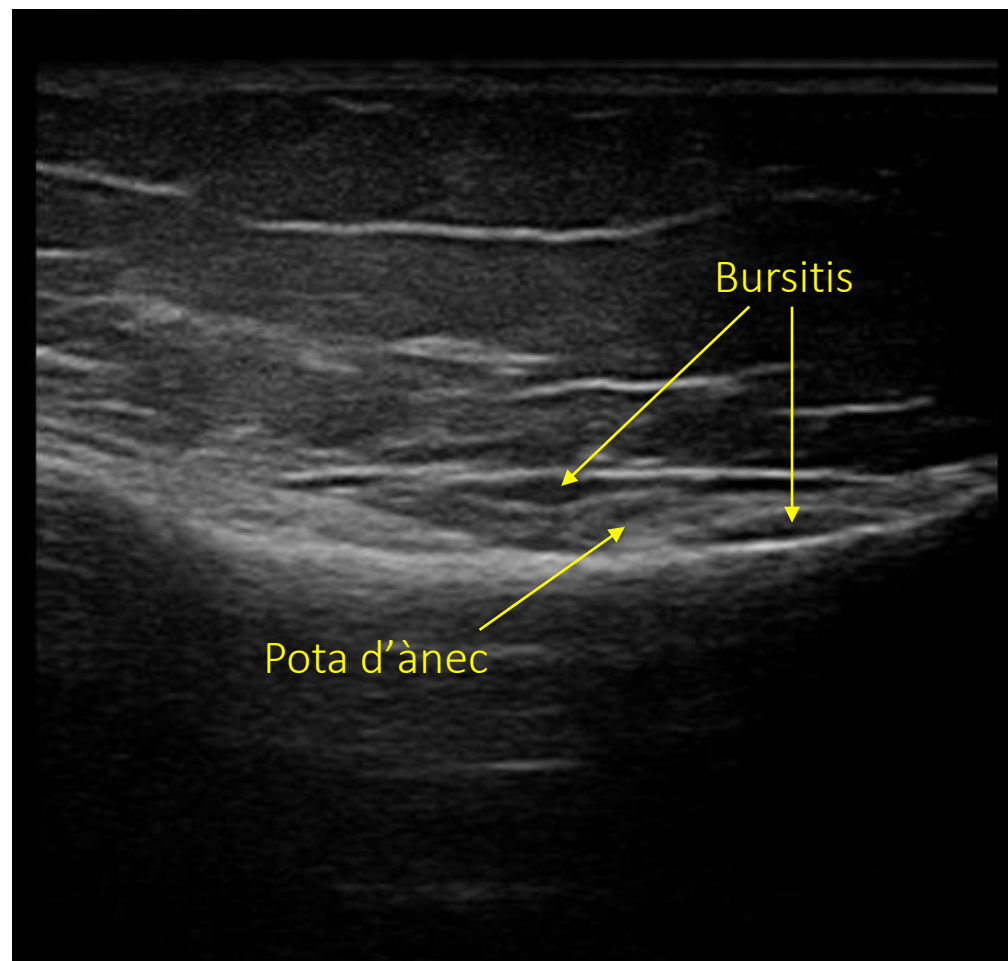


20 Infiltració ecoguiada

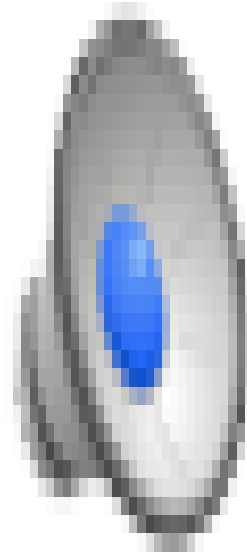


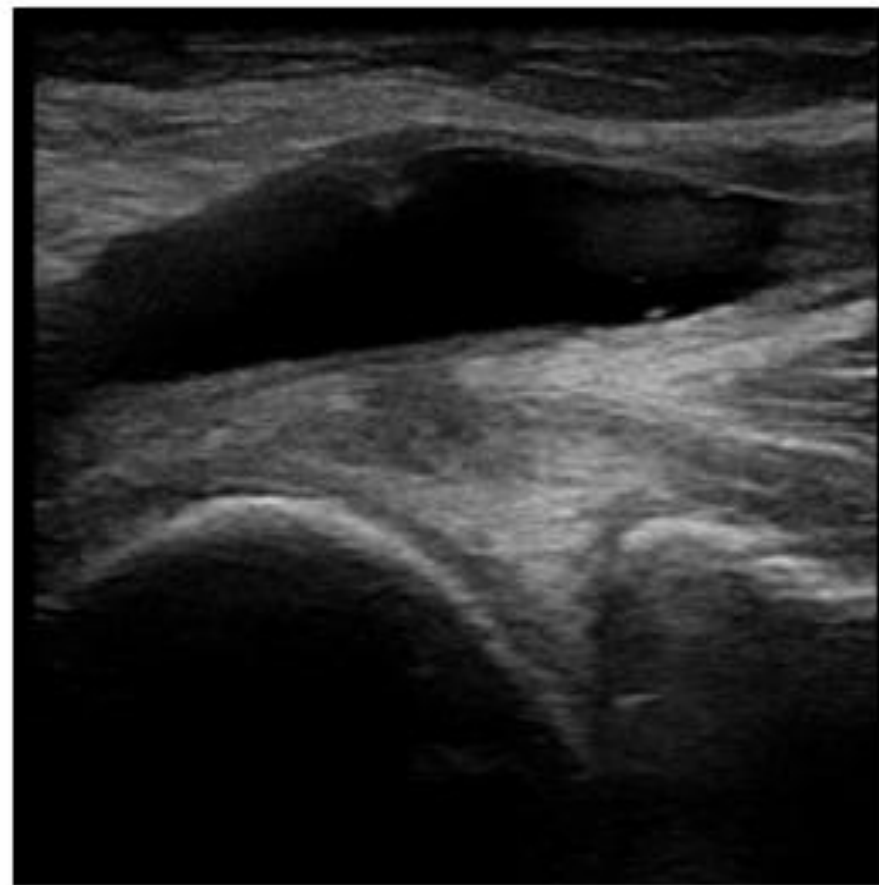
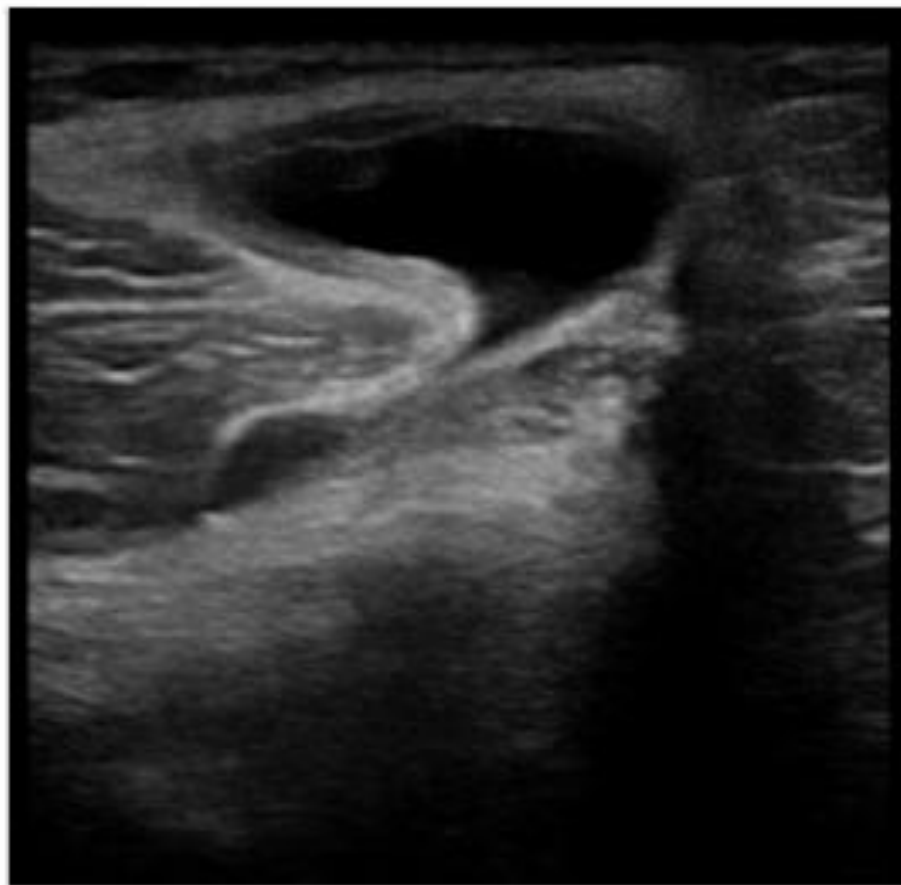
- Tenosinovitis bicipital
- Artropatia acromio-clavicular
- Quist de Baker complicat
- Tendinitis anserina
- Tendinitis de Quervain
- Rizartrosi
- Neuroma de Morton
- Síndrome del túnel carpià
- Vasos
- Etc...
- ...

Bursitis anserina

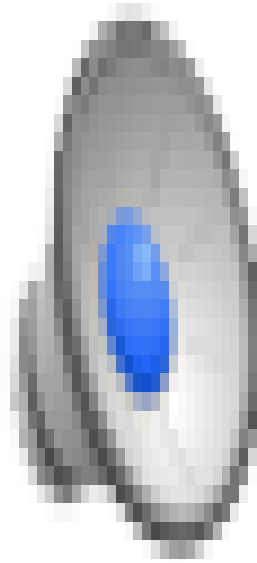


INFILTRACIÓ ECOGUIADA BURSITIS ANSERINA





INFILTRACIÓ ECOGUIADA QUIST DE BAKER



II CONGRÉS D'ECOGRAFIA CLÍNICA EN ATENCIÓ PRIMÀRIA (ECOAP)

