

Ultrasound in Sports and Occupational Dermatology

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[Ver número de ResearchID y ORCID de Web of Science](#)

JOURNAL OF ULTRASOUND IN MEDICINE

DOI: 10.1002/jum.15550



Acceso anticipado: NOV 2020

Tipo de documento: Article; Early Access

[Ver impacto de la revista](#)

Abstract

Chronic exposure to trauma, friction, or extreme conditions can generate cutaneous or unguinal lesions in sports and certain occupations. Although some of these dermatologic conditions are diagnosed with a naked-eye examination, there are cases in which the provision of the underlying anatomic alterations can be helpful for the diagnosis and management. In comparison with computed tomography or magnetic resonance imaging, ultrasound has the highest axial resolution, which is critical for the observation of anatomic changes in the skin and nail. We review the ultrasound characteristics of frequent cutaneous and unguinal lesions related to sports and occupations with a clinical correlation. The ultrasound features in some particular conditions such as "biker's and surfer's panniculitis," "fiddler's neck," piezogenic papules, and lipoatrophy semicircularis, among others, are discussed.

Palabras clave

Palabras clave de autor: [dermatologic ultrasound](#); [fiddler's neck](#); [lipoatrophy semicircularis](#); [nail ultrasound](#); [occupational dermatology](#); [panniculitis](#); [skin ultrasound](#); [piezogenic papules](#); [sports dermatology](#); [sports dermatologic ultrasound](#)

KeyWords Plus: [LIPOATROPHIA SEMICIRCULARIS](#); [SKIN CONDITIONS](#); [SONOGRAPHY](#); [ACNE](#); [RETRONYCHIA](#); [DIAGNOSIS](#); [INJURIES](#); [TRAUMA](#); [ISSUES](#)

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Información de la revista

- **Impact Factor:** [Journal Citation Reports](#)

Categorías / Clasificación

Áreas de investigación: Acoustics; Radiology, Nuclear Medicine & Medical Imaging

Categorías de Web of Science: Acoustics; Radiology, Nuclear Medicine & Medical Imaging

Información del documento

Idioma: English

Número de acceso: WOS:000586064200001

ID de PubMed: 33155699

ISSN: 0278-4297

eISSN: 1550-9613