



**diagnostics**



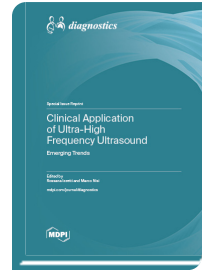
*Special Issue Reprint*

## **Clinical Application of Ultra-High Frequency Ultrasound: Emerging Trends**

[www.mdpi.com/books/reprint/9225](http://www.mdpi.com/books/reprint/9225)

Edited by  
Rossana Izzetti  
Marco Nisi

ISBN 978-3-7258-1052-9 (Hardback)  
ISBN 978-3-7258-1051-2 (PDF)



Ultra-high frequency ultrasound (UHFUS) is an emerging diagnostic technique in several medical fields due to its unique characteristic of providing a submillimeter resolution of anatomical structures. UHFUS was initially developed for pre-clinical settings, with the first clinical application reported only in the early 2000s. To date, an increasing number of applications have been described for the investigation of dermatological, vascular, musculoskeletal and oral diseases. Compared with other ultrasonographic techniques, UHFUS presents the major advantage of providing real-time imaging, along with being repeatable over time, which makes this technique suitable for all stages of disease work-up, from diagnosis to surgical planning and follow-up.

There are excellent research opportunities in this field, summarized by the focus of this Special Issue, including the following: novel UHFUS applications and comparison with state-of-the-art techniques; reliability in the diagnosis, prognosis, surgical planning and follow-up of various pathological conditions; and the strengths and weaknesses in clinical and pre-clinical settings.



Order Your Print Copy  
You can order print copies at  
[www.mdpi.com/books/reprint/9225](http://www.mdpi.com/books/reprint/9225)

MDPI Books offers quality open access book publishing to promote the exchange of ideas and knowledge in a globalized world. MDPI Books encompasses all the benefits of open access – high availability and visibility, as well as wide and rapid dissemination. With MDPI Books, you can complement the digital version of your work with a high quality printed counterpart.



## Open Access

Your scholarly work is accessible worldwide without any restrictions. All authors retain the copyright for their work distributed under the terms of the Creative Commons Attribution License.



## Author Focus

Authors and editors profit from MDPI's over two decades of experience in open access publishing, our customized personal support throughout the entire publication process, and competitive processing charges as well as unique contributor discounts on book purchases.



## High Quality & Rapid Publication

MDPI ensures a thorough review for all published items and provides a fast publication procedure. State-of-the-art research and time-sensitive topics are released with a minimum amount of delay.



## High Visibility

Due to our global network and well-known channel partners, we ensure maximum visibility and broad dissemination. Title information of books is sent to international indexing databases and archives, such as the Directory of Open Access Books (DOAB), and the Verzeichnis Lieferbarer Bücher (VLB).



## Print on Demand and Multiple Formats

MDPI Books are available for purchase and to read online at any time. Our print-on-demand service offers a sustainable, cost-effective and fast way to publish MDPI Books printed versions.