Beatriz Álvarez de Sierra García

Dr. **Beatriz Álvarez de Sierra García** is a **musculoskeletal radiologist** with extensive clinical and research experience in advanced imaging and ultrasound-guided interventions. She obtained her medical degree from the Complutense University of Madrid and completed her residency training in Radiology at Hospital Universitario Fundación Alcorcón. In 2024, she was awarded a **PhD in Applied Medicine and Biomedicine** from the University of Navarra.

Since 2018, she has worked as a **Consultant Musculoskeletal Radiologist** at **Clínica Universidad de Navarra (Madrid)**, where she is part of the MSK Unit, focusing on sports imaging, advanced ultrasound, and image-guided interventional procedures. She also collaborates with the **imaging center of Atlético de Madrid Football Club**, contributing to the assessment and follow-up of elite athletes. Her main research interest lies in **muscle elastography**, particularly quantitative techniques applied to muscle and tendon.

Previously, Dr. Álvarez de Sierra held consultant radiologist positions at **Fundación Jiménez Díaz** (2015–2018) and **Hospital Rey Juan Carlos** (2014–2015), gaining broad experience in hospital-based musculoskeletal imaging.

Her areas of expertise include **musculoskeletal MRI, ultrasound, and CT**, as well as **photon-counting CT** applied to musculoskeletal imaging, including ultra-high-resolution bone imaging, cartilage assessment, and spectral imaging. She has extensive experience in **ultrasound-guided interventional procedures**, such as joint injections, tendon procedures, and biologic therapies including platelet-rich plasma (PRP).

Dr. Álvarez de Sierra is an active member of several national and international scientific societies, including **SERAM, SEUS, EFSUMB, SERME, and ESSR**. She has received multiple professional distinctions, including the **SERAM Merit Award (2021)** and the **RSNA Merit Award (2014)**, and has participated as an **invited speaker** at international meetings such as **EUROSON** and **IDOR**.