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Giuseppe Marongiu, MD, Associate Professor - SSD Meds 19/A

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<https://www.scopus.com/authid/detail.uri?authorId=55636973700>

H-index 15, Citation 585, products 41

- Prof. Giuseppe Marongiu, MD is Associate Professor in Musculoskeletal Disorders, Orthopedics and Traumatology at the Department of Surgical Science, University of Cagliari

Teaching and Research Activities

- Since 2015 to nowadays he's involved in teaching Musculoskeletal Diseases, Orthopedics and Traumatology, SSD MEDS 19, at the Faculty of Medicine and Surgery of Cagliari for Medical School, Nursing School, and other paramedic specialties.
- He's currently lecture in the class of Applied Personalized Prosthetic surgery for Biomedical Engineering master's degree, Cagliari State University.
- He has carried out research activities in the orthopedic and traumatological field, both as basic sciences research, and as clinical applications: hip prosthetic surgery, reconstruction techniques of acetabular and femoral bone defects in revisions, fragility fractures, knee joint fractures, sports medicine. In recent years he has focused on the mechanisms of reparative osteogenesis: biology, study of biomaterials, physical stimulation, and new diagnostic frontiers.
- **H-index 15, Citation 585, articles 41**
- In this context he has experimented the clinical applications of 3D modeling techniques, using the Mimics Innovation Suite software (Materialise, Leuven Belgium) of which he has been a user since 2018.
- Since 2024 coordinated the activities of the LDC UNICA3D Lab for 3D printing, Cittadella Universitaria, Monserrato where currently applies 3D imaging diagnostic techniques, via 3D modeling software and 3D printing, to diagnose and plan orthopedic e trauma surgery and tumoral pathologies of the facial massif.

- Dr. Giuseppe Marongiu graduated in Medicine and Surgery at University of Cagliari in 2009 with a thesis entitled "Rationale and results of large diameter heads in hip arthroplasty". He has been qualified to practice medicine since February 2010.
- In 2015 he obtained the diploma of Specialization in Orthopedics and Traumatology with a thesis entitled "The acetabular reconstruction with Trabecular Metal".

Academic career

- As part of the research activity at the Department of Surgical Sciences of the University of Cagliari, in 2016 he held the role of Research Fellow, SSD MED/33 for the project: "Clinical and radiographic evaluation of the acetabular reconstruction system "Trabecular metal" in hip revision surgery" (Scientific Director: Prof. Antonio Capone).
- From 2017 to 2018 he held the role of Research Fellow for the project: "Incidence and risk factors of avascular necrosis of the femoral head in patients with hematological and neurological pathologies".
- In 2018 he took on the role of researcher (RTD-A, SSD MED/33), for the project "Study of genetic mutations predictive of pharmacological response in tumors. Correlations of the same with metabolites" on funding POR / ESF Sardinia Region.
- In November 2020 he obtained the national scientific habilitation for the role of Associate Professor sector 06/F4 - Diseases of the Locomotor System and Physical and Rehabilitation Medicine. Bando D.D. 2175/2018. Qualification valid from 10/11/2020 to 10/11/2029 (art. 16, par.1, Legge 240/10).
- From 1 October 2021 to is Assistant Professor (RTD-B) at the University of Cagliari, Department of Surgical Sciences, SSD MED / 33
- From the 1st October 2024 is Associate Professor at the University of Cagliari, Department of Surgical Sciences, SSD Meds 19

Clinical activities

- He carries out clinical and surgical activity at the Orthopedic Clinic of the University teaching Hospital, directed by Prof. Antonio Capone dealing with joint reconstructive surgery, traumatology of the upper and lower limb and complications of fracture healing processes.
- He is currently a member of the following scientific societies, Italian Society of Orthopedics (SIOT),

Orthopedists and Traumatologists of Italy (OTODI), Italian Association of Revision Surgery (AIR), Italian Society of Hip Surgery (SIIdA), European Hip Society (EHS), Italian Polyspecialist Society of Young Surgeons (SIPDGC), ORTOmed (Italian Society of Orthopedics and Medicine).