



Zoe H. Dailiana, MD, PhD
ORTHOPAEDIC SURGEON-HAND SURGEON
Associate Professor

Department of Orthopaedic Surgery,
University of Thessalia, Larissa, Greece



***Department of Orthopaedic Surgery
University of Thessaly, Larissa, Greece***

*Relatively new department
started on 4/2000*

5 faculty members

+

3 attendings

Chairman:

Konstantinos N. Malizos

12 residents

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University of Thessaly, Larissa, Greece***

<http://www.ortho-uth.org>

Activities

- **Clinical**
- **Teaching**
- **Research**



Zoe H. Dailiana, MD, PhD

Training: Department of Orthopaedic Surgery,
Medical School of University of Ioannina, Greece

Fellowships in Hand-UE Surgery & Microsurgery

- “Institut de la Main”, Paris, FRANCE (1997-1998)
- Department of Orthopaedic Surgery, Duke University Medical Center, Durham, NC, USA (1998-2001)

Languages: Greek, English, French

Zoe H. Dailiana, MD, PhD

In Ortho-Uth since August 2001

Scientific interests & clinical activities

- Hand and Upper Extremity Surgery
- Reconstructive Microsurgery
- Congenital anomalies
- Musculoskeletal Infections: Hand & UE infections and Diabetic foot
- Osteonecrosis
- Osteoporosis
- Basic Science

Zoe H. Dailiana, MD, PhD

In Ortho-Uth since August 2001

**Treating both reconstructive and
emergency/trauma cases**

**Extra calls for mangled and amputative injuries
and for replantations**

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Scientific awards: 11

Grants awarded: 15

Member of Scientific Societies: 17

President of Scientific Society: Hellenic Society
for Surgery of the Hand (year 2007)

FESSH Hand Trauma Committee Representative
since 2010

Member of Accreditation Committee of
HTC/FESSH since 2012

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Scholarships: 4

- *National Foundation Scholarship* for Medical School
- *Onassis Foundation Scholarship* for postdoctoral research in USA
- *NATO Foundation Scholarship* for postdoctoral research in USA
- *“I. Agnantis” Scholarship* for postdoctoral research in USA)

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Meetings attended:	276
R. tables/debates:	264
Oral presentations:	305
Posters:	106
Publications:	93
	77 appear in pubmed
Published abstracts:	151
Book chapters:	16
Citations:	874
H-index:	18

Principal investigator in studies that lead to publication in peer-reviewed journals:

Experimental model of osteonecrosis with the use of cryosurgery (Surgical Forum, 2000); Surgical anatomy of spinal accessory nerve (J Hand Surgery, 2001); Osteogenesis from vascularized periosteum and bone grafts (J Trauma 2002); Heterotopic ossification in patients with osteonecrosis treated with FVFG (J Arthroplasty, 2003); Vascularized periosteal flaps in upper extremity surgery (J Trauma, 2005 and Microsurgery 2009); MRI for the evaluation of the scaphoid disorders (Eur J Radiology, 2004 and Eur. Radiology, 2007); Heparin induced thrombosis (J Trauma, 2007) (ongoing research); Core decompression following FVFG in osteonecrosis (J Arthroplasty, 2007); Upper extremity infections (Scand J Plast Surgery, 2008 and J Hand Surg, 2008 and Med Science Monitor, 2008); Vascular Endothelial Growth Factor for the treatment of femoral head osteonecrosis (ongoing research); Growth Factors for the treatment of nonunions and skeletal defects (ongoing research); Periosteum and fracture healing (ongoing research); Gene expression in femoral heads of patients with osteonecrosis (ongoing); Quality of life after major joint arthroplasties (ongoing); Association of specific polymorphisms and biochemical factors with osteoporotic fractures (ongoing). Tackling Arthritis using a Biomechanical and Systems Biology approach (ongoing). Osteosynthesis for Surgical Management of Fractures for Orthopaedic Surgeons and Biomedical Engineers (ongoing research).

Co-investigator in 5 studies:

Potential aetiological factors in osteonecrosis (Eur J Clin Investigation, 2000); MRI findings in transient osteoporosis (Eur J Radiology, 2004); Intermittent Pneumatic Compression in fracture healing (J Orthop Trauma, 2005); Treatment of scaphoid nonunions (J Hand Surgery, 2006 and 2006 and Plast Recon Surgery, 2007); Synovial fluid metabolites in osteonecrosis (Rheumatology, 2007).