

# Pierluigi Tos , MD, PhD



## **POSITION and OFFICE ADDRESS**

**Chief of Hand Surgery and Reconstructive Microsurgery Unit**  
**Department of Orthopedics**  
*Gaetano Pini - CTO Hospital - Trauma Center – Milan Italy*

**Former President of Italian Society for Microsurgery**  
**Chair of the Hand Trauma Committee of the European Federation for Surgery of the Hand**

E-Mail: pierluigi.tos@unito.it

Born: Torino, Italy

DOB: 7/1/1967

## **EDUCATION:**

***Turin University School of Medicine, M.D., degree of Medicine (1994)***

***Specialization in Orthopaedics and Traumatology - Turin University (1999)***

***Specialization in Plastic and Reconstructive Surgery - Messina University (2010)***

***PhD in Neuroscience – University of Torino 2014***

## **RESIDENT/FELLOWSHIP TRAINING:**

**Microsurgery** - Brescia University - Ome laboratory - Italia Prof Brunelli (1995)

**Fellowship in Microsurgery** - Microsearch Foundation of Australia and the Dep. of Anatomy New South Wales University, Prof. Owen - Sydney. 1997

**Fellowship in Shoulder and Elbow Surgery** - Zurich University Balgrist Hospital, Swiss 1998

**Hand and Upper Extremity Fellowship** - Clinique Jouvenet Paris 1999; Strasbourg SOS Main 1999

## **PRACTICE HISTORY:**

January 1999 consultant - Trauma Center (CTO Hospital) Department of Orthopedics and Traumatology

. From 2009 to 2016 **Chief of Reconstructive Microsurgery Unit**, Interdivisional Group of Microsurgery, Via Zuretti 29 10126 **Torino**, Italy

. From 02/2016 to present **Chief of Microsurgery and Hand Surgery Unit** – Gaetano Pini / CTO Hospital , Orthopaedic Department , **Milan**, Italy

## **RESEARCH ACTIVITY and EXPERIENCE:**

Research assistant from 1996 to present at the University of Turin, Dep. of Biological and Clinical Science on *nerve regeneration and microsurgery*

***Phd Neuroscience 2014***

## **DIDACTIC ACTIVITY**

- **Professor** Milan University for School of Orthopedics and Traumatology from 2016
- **Professor** Varese University for the school of Plastic and Reconstructive surgery from 2016
- **Contract Professor** at the Turin University from 2010 at Motor Science University
- **Contract Professor** at the Turin University from 1999 at the degree of Radiologist Technician, Nurses and Rehabilitation's therapist.
- **Contract Professor** School of Orthopaedic and Traumatology Turin Uni from 1996
- Teacher and Organizer of 19 consecutive Italian Courses on Microsurgery (University of Turin).
- Habilitation for Associate Professor in Orthopedics and Traumatology 2013
- Habilitation for Associate Professor in Plastic and Reconstructive surgery 2015
- Scientific Coordinator of the Italian Advanced Course in Microsurgery (Hand and Microsurgery Society) from 2009
- Teacher on the Master in Hand Surgery of the Italian Society of Hand Surgery
- Teacher on the Master in Microsurgery – Organized by the Italian Society of Orthopaedic and Traumatology
- Teacher and Coordinator of Italian courses of surgical dissection of the Italian Society for Surgery of the Hand and the Italian Society for Microsurgery
  
- President of the XXVI Congress of the Italian Society for Microsurgery – Torino 26-28 Nov 2015

## **MAIN PUBLICATIONS**

Author of 117 international publications, 55 on national Journals, 15 chapter in books; mainly on nerve repair / regeneration, hand surgery, microsurgery

Editor of 4 book – 3 international and 1 national:

- P. Tos, A Pedrazzini – for the Italian Society for Microsurgery
- Microchirurgia : Tecniche di base ed avanzate – Timeo ed. Sept 2015
- S Geuna, P Tos, B Battiston - Elsevier 2009  
"Essays on Peripheral Nerve Repair and Regeneration" 87 International Review of Neurobiology
- Stefano Geuna, Isabelle Perroteau, Pierluigi Tos, Bruno Battiston - Elsevier 15 Nov 2013 ISBN :9780124104990  
Tissue Engineering of the Peripheral Nerve: Stem Cells and Regeneration Promoting Factors  
International Review of Neurobiology
- Stefano Geuna, Isabelle Perroteau, Pierluigi Tos, Bruno Battiston - Elsevier 21 Nov 2013 ISBN : 9780124200456  
Tissue Engineering of the Peripheral Nerve: Biomaterials and Physical Therapy Factors  
International Review of Neurobiology

## **LECTURES, PRESENTATIONS, MODERATION**

*108 invited lectures* on national and international conferences and courses

*198 presentations* in national and international congress

*38 Moderation* : to National and 22 on International Congresses

## **AWARDS and SCHOLARSHIP:**

- *Price for the best communication "L'utilizzo del muscolo in vena per il trattamento delle perdite di sostanza nervosa"*, in the 2<sup>nd</sup> National Congress of Resident in Orthopaedics and Traumatology Parma il 14/2/1997.
- *Scholarship* by the Italian Society of Orthopaedic and Traumatology (SIOT) 1997-98, for reserch activity on nerve regeneration and experimental research on microsurgery.
- *Scholarship* by the Società Piemontese Ligure Lombarda di Ortopedia e Traumatologia (SPLLOT), for reserch and clinical activity on hand surgery.

- *European FESUM price* (Federation Europeenne Services Urgences Main) - Paris 10-12 December for the best paper/communication *“Données expérimentales et cliniques sur la régénération du nerf périphérique par greffon veineux-musculaire”*
- *Price for the best communication in the Italian Congress of the Society of Hand Surgery 2001* *“I recettori per gli androgeni e la malattia di Dupuytren : studio preliminare”*
- *Price for the best poster in the National Congress of the Italian Soc. of Radiology 2002:* *“Il menisco omero-radiale come possibile causa di epicondilalgia : apporto della RM dedicata e dell’artro RM”.*
- *Price Mario e Lea Paltrinieri for the best Thesis of Specialization in Orthopaedic and Traumatology (1998-1999) - “La Rigenerazione del Nervo Periferico. Risultati Clinici ed Evidenze Sperimentali dell’Impiego degli Innesti di Muscolo in Vena”.*
- **Delitala price by the Italian Society of Orthopaedic and Traumatology (SIOT) 2000, for “the important development of clinical and experimental research on peripheral nerve regeneration”.**
- *Price for the best communication in the Italian Congress of the Society of Hand Surgery 2005:* *“Denervazione e reinnervazione cutanea in seguito a riparazione nervosa immediata e differita: studio sperimentale nel ratt”. Perugia 9/2005.*

### **PROFESSIONAL ASSOCIATIONS:**

Società Italiana di Ortopedia e Traumatologia (S.I.O.T.) Italian Society in Orthopaedics

Società Italiana di Microchirurgia (S.I.M.) **Italian Society Microsurgery**

- **President 2013-2015**
- Treasurer from 1999
- member of the informatic commission
- member of Formation Commission
- founder of Gruppo Italiano di Microchirurgia e Tecniche Ricostruttive Arto Superiore (GIMETRAS) and **General Secretary from 2016**
- President Formation Commission 20011-2013, 2013-2015, 2015-2017, 2017-2019
- Delegate of SIM to the European Federation Society for Microsurgery (EFSM)

Società Italiana di Chirurgia della Mano (S.I.C.M.)

- Internationale delegate to the IFSSH 2015-18
- President Formation Commission 2009-2011 and 2015-17
- Council 2007-2009

EFSM (European Federation Societies of Microsurgery)

- Treasurer from 2007- Board Internet commettee  
Member EFSSH (European Federation Hand Surgery)

- Member of the Research committee
- **Chairman of the FESSH Hand Trauma Committee from 2017**

Member International Society for Reconstructive Microsurgery from 2011

Società Piemontese Ligure Lombarda di Ortopedia e Traumatologia (S.P.L.L.O.T.)

Member O.T.O.D.I. (Ortopedici Traumatologi Ospedalieri d’Italia)

Milan 06/01/2020

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