

Curriculum Vitae

Personal data

Surname & First name

Mortini Pietro, M.D.

Occupational field

Professor of Neurosurgery – M.D., Specialist in Neurosurgery and ENT Surgery

Clinical Activity

October 1st 2008 - present

Chairman, Neurosurgery Department and Radiosurgery Unit
San Raffaele University Hospital and Scientific Institute, Milan (Italy)

October 1st 2008 - present

Professor of Neurosurgery
Vita-Salute San Raffaele University, Milan (Italy)

November 1st 2005 – September 1st 2008

Chairman Neurosurgery Unit
Spedali Civili University Hospital, Brescia (Italy)

October 1st 2005 – September 1st 2008

Consultant Neurosurgeon, Department of Neurosurgery
San Raffaele University Hospital and Scientific Institute, Milan (Italy)

2002

Director Skull Base Surgery Section, Department of Neurosurgery
San Raffaele University Hospital and Scientific Institute, Milan (Italy)

2001

Senior Active Staff member, Department of Neurosurgery
San Raffaele University Hospital and Scientific Institute, Milan (Italy)

1996 - 2005

Consultant Neurosurgeon at the Department of Neurosurgery
Lodi County Hospital, Lodi (Italy)

1992 - 2000

Active Staff member, Department of Neurosurgery
San Raffaele University Hospital and Scientific Institute, Milan (Italy)

1986 - 1991

Resident in Neurosurgery, Department of Neurosurgery University Hospital,
Verona (Italy)

Surgical Activity

To date:

- 7374 micro neuro-surgical procedures performed as first operator and specifically 4.169 surgeries for intracranial tumours and vascular malformations, 2.087 transfenoidal procedures for sellar and suprasellar tumours, 1.014 spinal intradural and extradural procedures for tumours, 104 other procedures for hydrocephalus, infectious conditions and biopsy.
- Stereotactic Gamma Knife radio-surgical procedures on “Perfexion” equipment

Research Activity

Publications

Published over 200 peer-reviewed papers, mainly in refereed international scientific journals.

Experimental Activities

Director: Unit of Experimental Neurosurgery, San Raffaele Scientific Institute, Milan (Italy)

- Pre-Clinical study on olfactory cell transplantation in spinal cord injuries
- Pre-clinical study on use of collagen scaffold in spinal cord and peripheral nerves injuries (PON #2 – RINOVATIS)

Collaborations

2005 - present

Department of Bioengineering - University of Lecce (Italy), Harvard Medical School - Boston (USA), Massachusetts Institute of Technology - Boston (USA) and Dept. of Neurology - Vita-Salute San Raffaele University Milan (Italy): research study on applications of collagen scaffolds for the treatment of nervous system injuries

2000 - present

Institute of Medical Genetics – University of Milan: research study on cytogenetic of skull base chordomas

1996 - present

The Max Plank Institut für Psychiatrie of Munchen (Germany): research study on pathology of the pituitary tumours

1992 - present

The Chair of Maxillo-facial surgery of the University of Milan: research study on new surgical techniques for the treatment of craniofacial malformation and craniofacial tumours

1992 - present

Member of the Pituitary Unit (research unit officially recognized by the International Advisory Board of the Neuroscience Department - San Raffaele Scientific Institute)

Ongoing Collaborations

Clinical and Basic Research

The George Washington University - Washington D.C. (USA) and Harvard Medical School, Boston (USA)

Massachusetts Institute of Technology Boston (USA)

Max-Planck-Institut für Psychiatrie, Munchen (Germany)

Department of Neurology, Dept. of Neurosurgery, Dept. of ENT Surgery, Dept. of Endocrinology and Dept. of Pathology – Vita/Salute San Raffaele University, Milan (Italy)

Department of Maxillofacial Surgery, Institute for Medical Genetics - University of Milan (Italy)

Department of Bioengineering - University of Lecce (Italy)

Scientific Societies

Membership

1998 – 2005

Member of the Scientific Committee of the Italian Skull Base Society

- Congress of Neurological Surgeons (USA)
- European Society for Skull Base Surgery
- Italian Society for Skull Base Surgery
- Italian Society for Neurosurgery

Scientific Reviewer

Pituitary (PITU), Editor-in-Chief Dr. Shlomo Melmed

Member of the editorial board

Journal of Neurosurgical Sciences
The International Neuroscience Journal

**Academic appointments
and Teaching activity**

University

From 2015

Director, International University Master in Gamma Knife Radiosurgery, Vita-Salute San Raffaele University School of Medicine, Milan (Italy)

2015

Professor of neurophysiology, Course on Clinical application of Tissue Engineering DHITECH Technology and High-tech district (Lecce)

15/07/2011 to date

Member of the Dean Committee of Vita-Salute San Raffaele University – School of Medicine, Milan (Italy)

2010 to date

Member of the Technical Commission - Cooperation Agreement between the University of Extremadura (Spain) and Vita-Salute San Raffaele University (Italy)

2012 to date

Member of the Technical Commission - Cooperation Agreement between the George Washington University (USA) and Vita-Salute San Raffaele University (Italy)

2008 to date

Director Residency Program in Neurosurgery, Vita-Salute San Raffaele University, Milan (Italy)

2008 to date

Full time professor, Vita-Salute San Raffaele University, Milan (Italy)

2007 to date

Clinical Professor of Neurosurgery
The George Washington University Neurological Institute, Washington D.C. (USA)

2005 - 2008

Director Residency Program in Neurosurgery, University of Brescia (Italy)

2005 - 2008

Full time professor, University of Brescia (Italy)

2004 - 2005

Associate Professor of Neurosurgery, University of Brescia (Italy)

2004 - 2005

Professor of Clinical Neuroanatomy, Vita-Salute San Raffaele University, Milan (Italy)

September 2004

Visiting Professor of Neurosurgery, Residency Program
The George Washington University Neurological Institute, Washington D.C. (USA)

October 2002

Visiting Professor of Neurosurgery, Residency Program
The George Washington University Neurological Institute, Washington D.C. (USA)

2000 - 2002

Professor of Clinical Neurosurgery
School of Medicine, Vita-Salute San Raffaele University, Milan (Italy)

2000 - 2002

Professor of Surgical Anatomy of the Skull and the Brain
School of Medicine, Vita-Salute San Raffaele University, Milan (Italy)

2000 - 2002

Professor of Clinical Neurosurgery

Residency Program in Neurosurgery, Vita-Salute San Raffaele University, Milan (Italy)

1995 – 2000

Tutor of Clinical Neurosurgery

Residency Program in Neurosurgery, Vita-Salute San Raffaele University, Milan (Italy)

1999 – 2000

Tutor of Neurosurgery - School of Medicine and Residency Program

University of Milan (Policlinic Hospital, San Raffaele Hospital, Sacco Hospital)

University of Milan Bicocca/San Gerardo Hospital, Monza (Italy)

1994 - 2000

Instructor of Neuroanatomy, Chair of Human Anatomy University of Milan (Italy)

1992 - 1996

Instructor of Neuroanatomy

Residency Program in Neurosurgery, Vita-Salute San Raffaele University, Milan (Italy)

1990 – 1996

Professor of Neurosurgery

School of Nursing - University Hospital in Verona and at San Raffaele University Hospital in Milan (Italy)

Italian Ministry of Health (MoH)

2010-2011

Member of the Joint Commission for cooperation activities among Italy and Malta

2011

Technical advisor for the Italian Ministry of Health for neurosurgery and tissue engineering

Organizer, instructor, lecturer in courses in National and International meetings.

Education

2000

Diploma as ENT Surgery specialist with top marks - University of Milan, Milan (Italy)

1991

Diploma as Neurological Surgery specialist with top marks - University of Verona, Verona (Italy)

1986

First class medical degree Cum Laude and university honour, Doctor of Medicine and Surgery - University of Parma, Parma (Italy)

1980

High School Certificate (Diploma di maturità classica) Classical Lyceum

Additional Licensure and Professional Registrations

1986

Italian license to practice medicine and surgery with top marks - University of Parma, Parma (Italy)

2005

Swiss licence to practice medicine and surgery as specialist in Neurosurgery

2014

Full registration with a licence to practice and entry on Specialist Register/Specialty Neurosurgery

General Medical Council (UK)

GMC reference number 7480397

Focus Clinical and Research Educational Experiences

1999

International Fellowship. Research activity at the Minimally Invasive Surgery skull Base Training Center on microsurgical and endoscopic skull base approaches for clival tumours, vascular microsurgical and EC/IC by-pass training.

Prof L. N. Sekhar, Department of Neurosurgery, The George Washington University Neurological Institute, Washington D.C. (USA)

1995

Training on surgical techniques for the control of vertebral artery in the treatment of vascular and tumoral pathologies of the skull base, the cranio cervical junction and the cervical spine.

Prof. B.George, Department of Neurosurgery, Hôpital Lariboisière, Paris (France)

1989

Experimental and clinical researches on calcium channel blockers in SAH related vasospasm.

Prof N. Kassel. Training in Stereotactic radiosurgery, Prof. L. Steiner. Department of Neurosurgery, Virginia University, Charlottesville (USA).

1986

Training in Neurotrauma

Prof Miller D, Department of Neurosurgery, Western General Hospital, University of Edinburgh, Edinburgh (UK).

Other personal skills and Competences

2008

Surgical instruments set for microsurgery of skull base.

See: K. Storz catalogue – Instruments according to Prof. P. Mortini

Patents

CA 2778238 Collagen Scaffold in nervous system regeneration - 2012

US20120214222 A1 Method for manufacturing a device for regenerating biological tissues, specifically for regenerating tissues of the central nervous system