

# **Giovanni Broggi M.D.**

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Giovanni Broggi wrote about his lifelong dream in the article “Journey in Neurosurgery” WNS 2013.

While attending to the Medical Doctor University program in Milan, focusing on neurophysiology of CNS and its fluctuations during REM sleep, he developed his neurosurgical interests and resolved to become a neuroscientist.

Following his MD degree he spent two years in the USA, joining two different experimental programs: one researching basal ganglia relationships on movement performance and disorder, and the other studying seizure spreading through temporal lobes.

Back in Italy he was enlisted in the Board on both Neurology/Psychiatry and Neurosurgery.

Next to his neurophysiological background, his main interest has been Functional and Stereotactil Neurosurgery. After attending to J. Siegfried’s lessons in Zurich, he started applying this method to Movement Disorders, Epilepsy, Pain and diagnosis/therapy of brain lesions.

Thanks to his efforts several new techniques have been brought to Italy, such as percutaneous surgery for cranial nerves in pain diseases, percutaneous C1 cordotomy, percutaneous C1 myelotomy, thalamotomy for PK disorders and Dystonia and, in more recent times, DBS for all neurological and psychiatric indications.

Under the tutoring of Gazi Yasargil, he then mastered the application of the operating microscope on surgery both cranial and spinal.

Vascular oncological lesions, affecting the brain as well as the spine, have become his main focus, with mini-invasive surgery and minimal operations as his favorite approaches for their treatment.

As Chairman of Neurosurgical Department at C. Besta Institute, he actively supported the “neurophysiological approach” to surgery applied to pathologies affecting the central and peripheral nervous systems.

His academical duties have been discharged in the Universities of Ferrara, Milan and Turin, and he has been a Visiting Professor for more the 35 Universities worldwide.

Innovation in Neurosurgery has been, and still is, his main goal both in clinical and surgical activities, a goal he shares with his close associates.

For this very reason, in unison with eminent colleagues, he co-founded the ISMIN: a scientific society that supports the introducing and teaching of mini-invasive neurosurgery techniques all over the world.

## **Curriculum Vitae**

Born in Milan (MI – Italy) June 12, 1941

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# Giovanni Broggi M.D.

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F.N.O.M. n. 12460 Milano ( member of Italian Medical-Surgical Board)

- 1965 Degree in Medicine and Surgery, University of Milano
- 1966-71 Assistant Professor of Physiology, University of Milano
- 1968-69 International Fellowship N.I.H. at Albert Einstein College of Medicine, N.Y.
- 1968-70 Board in Neurology and Psychiatry, University of Parma
- 1971 National Professorship in Physiology
- 1972 Assistant Professor in Neurology, INN CB, Istituto Nazionale Neurologico “C. Besta”, Milano
- 1973-74- International Fellowship Neurochirurgische Klinik, University of Zurich
- 1970-74 Board in Neurosurgery, University of Milano
- 1974-85 Assistant Professor in Neurosurgery, INN CB, Milano
- 1986-90 Chief, Service of Functional Neurosurgery, INN CB, Milano
- 1990-99 Chief, Div. of Functional Neurosurgery, INN CB, Milano
- 1999-2008 Chairman of Department of Neurosurgery, FINCB Milano
- 1986-96 Professor of Functional Neurosurgery University of Ferrara
- 1997-2008 Professor of Neurosurgery, University of Milano
- 2000-today Scientific Director Fond. I.E.N. Milano
- 2008-2009 Professor of Neurosurgery, Master in Neurosurgery, University of Turin
- 2004-2013 Coodirector of Cyberknife-Radiosurgery Programm FINCB
- 2014-2015 Senior Neurosurgical Consultant Div. of Neurosurgery, Ist O.Galeazzi Milano
- 2016-2018, Neurosurgical consultant Div of Neurosurgery, Ist Clinico Citta’ Studi, Milano
- 2019-today Neurosurgical consultant, Div of Neurosurgery, M C. Hospital GVM, Cotignola (RA)
- 2019-today Neurosurgical consultant, Div NeuroOrtopedics, Ist Citta’ di Pavia, PV

*Active member of the following Societies:*

- SINCH, Società Italiana di Neurochirurgia
- SIN, Società Italiana di Neurologia
- ESSFN, European Society of Stereotactic and Functional Neurosurgery
- EANS, European Association of Neurosurgical Societies
- SNLF, Societè de Neurochirurgie de Langue Française
- AANS, American Association of Neurological Surgeons
- CNS, College of Neurological Surgeons
- ISMINS International Society of MiniInvasive Neurosurgery

*Former Positions*

- Past Secretary and Past Treasurer of ESSFN
- Continental Chairman, WFNS
- Past President of SINCH
- Principal Editor Section of Pain “for Neurosurgery”
- Member International Panel, “Central European Neurosurgery”
- Vice President of EANS
- Vice-President of ESSFN
- Continental Vice-President, WSSFN

# **Giovanni Broggi M.D.**

Vice-Chairman, Neuromodulation Committee, WFSN

## *Present positions*

Professor Emeritus Fon Istituto Neurologico C.Besta, Milano Italy

Scientific Director Fond I.E.N. Milano Italy

WFNS Member of the Neurosurgical Anatomy Committee

WFNS Member of the Committee on Neurosurgical Complications

Vice President, ISMINs

Member of Editorial Board “World Neurosurgery”

Member of Editorial Board “Neurosurgery”

Author or co-author of 421 articles published on international scientific journals

Co-author of 25 chapter of scientific books

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