

CURRICULUM VITAE: Antonino RACO, M.D.

Born in Rome April 8th, 1958

1976 – High school graduation – “Classical” lyceum.

1979 – “Cambridge Proficiency in English“ obtained in London

1982 – Honors degree in Medicine and Surgery at Rome “La Sapienza” University with the experimental thesis “Vertebral fusion techniques for cervical spine trauma: use of acrylic materials.”

1982 - Passed state exams for medical abilitation.

1982/87 - Resident at the Institute of Neurosurgery of Rome “La Sapienza” University where he collaborated with Prof. G.P. Cantore on theoretical-practical courses given to medical students. During this period, he took part in many international meetings and spent regular updating periods abroad.

1987 – Residency in Neurosurgery with honors, discussing the thesis “Meningiomas of the tuberculum sellae“.

1988 – Awarded position of assistant professor at the 1st Division of Neurosurgery, Department of Neurological Sciences, Rome “La Sapienza” University .

1993 – Nominated chief ward doctor at the 1st Division of Neurosurgery, Department of Neurological Sciences, Rome “La Sapienza” University.

2001 - Nominated Associate Professor of Neurosurgery at the 1st Division of Neurosurgery, Department of Neurological Sciences, Rome “La Sapienza” University.

2007-awarded position as a Full Professor of Neurosurgery University of Rome “Sapienza”

2008-11 - Chief of Neurosurgery SM Goretti Hospital Latina

2011 – Currently- Chief of Neurosurgery Sant’Andrea University Hospital

Scientific Activities

Author **187 in indexed journals (PubMed)**, many invited lectures at national and international meetings and Congresses of Neurosurgery and Spine surgery

Member of the Italian Society of Neurosurgery.

International Associate of the A.A.N.S.

Member of the C.N.S.

Member of the N.A.S.S.

Member of AO Spine

Has taken part in many university research projects, as project chief.

Has organized in 2009 an International Meeting New trends in instrumentation and techniques in Spinal Surgery Traumatic and degenerative lumbar spine. Roma 12-13/06/2009.

In 2009 has been invited in Massachusetts General Hospital Harvard School of Medicine to give the Silber lecture on Intramedullary tumours

Has organized in 2010 an International Meeting: "New trends in instrumentation and techniques in spinal surgery". Traumatic and degenerative cervical spine. Roma 25-26/06/2010

Has organized in 2010 an International Meeting "Sapienza" University of Rome meets Harvard 2010: New perspectives in the treatment of high grade gliomas of the Central Nervous System. Roma 13/12/2010

Author of several book chapters, among them the "Trattato Italiano di Neurologia" (Bergonzi-Massaro, Verduci Editore), "Operative Neurosurgical Techniques" by Sweet and Schmidek, 4th and 5th edition (W.B. Saunders Co.); Long term results in Intramedullary Spinal Cord Tumors in Tumours of the Central Nervous System Springer-Verlag 2015; Treatment of gliomas in eloquent area in Braisuite in Tumours of the Central Nervous System Springer-Verlag 2016

Minimally Invasive Surgery for Treatment of Patients with Advanced Cancer and Thoraco-lumbar Spine Metastases in Neuro Oncology INTECH Publishing 2016; Surgical treatment of spinal

meningiomas in Neuro Oncology INTECH Publishing 2016; Neuroanatomia :manuale schemi e tavole sinottiche M. Roberti Editors 2005 Rome “Lateral approach for degenerative disk disease” in Lateral approaches for the thoraco-lumbar spine. M Wang Editor Springer Verlag Los Angeles Heidelberg New York 2016

He has been invited twice as International Spine Master by the AANS at the Annual Scientific Meeting in Denver 2011 and in Miami 2012

He has been teaching minimally invasive spine surgery techniques in several cadaver lab worldwide and University facilities

Editor for Frontiers in Surgery, Brain Sciences

Reviewer for The Spine Journal, World Neurosurgery, Interdisciplinary Neurosurgery: Advanced Techniques and Case Management, BMJ Case reports

Teaching assignments

2001-05 appointed professor of Neurosurgery at the School of Medicine Rome “La Sapienza” University

2000-05 professor of Neurosurgery at the 2nd Specialty School in Oncology at Rome “Tor Vergata” University.

2003-2016 professor of Neurosurgery Faculty of Medicine and Pharmacology University of Rome “La Sapienza”

2011-2016 professor of Neurosurgery Faculty of Medicine and Psychology University of Rome “La Sapienza”

2005-2016 professor of Spinal Surgery in the residency program of Neurosurgery Rome University

2011-2019 Director of the residency program in Neurosurgery II faculty of Medicine and Surgery “Sapienza” University

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The Department of Neurosurgery at Sant' Andrea University Hospital has been recognized among the World's Best Specialized Hospitals in Neurosurgery by Newsweek in 2021,2022

Clinical activity

He has performed more than one 6000 surgical procedures . The pathologies treated were mainly tumoral, both malignant and benign, more recently focusing on vascular surgery and reconstructive spine pathologies

His commitment to vascular surgery is testified by more than fifty surgical procedures/per year on aneurysms, MAV, arteriovenous fistulas and cavernous angiomas

Member of the “Giant aneurysms International Study Group”

He is considered a worldwide expert of MIS Spine surgery and has been invited in 2011-2012-2015 in the A.A.N.S. Annual Meeting as “International Spine Master”

Chairman of Sant'Andrea University Hospital with the first intraoperative 1.5 tesla MRI in Italy

President of The Italian Congress SiNch 2019