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# PIETRO MENEGHELLI

October 20<sup>th</sup> 1983, Tregnago (Verona), Italy

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## Education:

- October 2015 – present*      **PhD student in Neuroscience – University of Verona**  
Program Director: Prof. Leonardo Chelazzi  
Tutor: Prof. Francesco Sala
- July 2014 – January 2015*      **Research Fellow in Skull Base and Microneurosurgery**  
Program Director: Prof. Antonio Bernardo  
Surgical Innovation Laboratory, Department of Neurological Surgery, Weill Cornell Medical College,  
New York, NY USA.
- June 2009 – June 2015*      **University of Verona, Faculty of Medicine and Surgery, Specialization School in Neurosurgery, Verona**
  - Final grade: 70/70 cum laude
  - Thesis topic: Anatomosurgical perspective on the curvature of the basilar artery and its perforators.
- Oct 2002 – Sep 2008*      **University of Verona, Faculty of Medicine and Surgery, Verona**
  - Final grade 107/110
  - Thesis topic: Hemodynamic assessment in patients with cerebral aneurysms: the role of intraoperative fluximetry and perfusion CT.

## Qualifications:

- February 2016*      **European Board Examination in Neurological Surgery: Part I passed** (Sofia, Bulgaria on 6th February 2016)
- February 2016*      **EANS training Course on Tumour; Sofia, BG – Conclusion of 4 years EANS training course.**
- November 2015*      **Cerebral Aneurysms Surgery Course – Member of local scientific committee; Verona, I**
- August 2015*      **Winner of a 3 years grant to start a PhD program in Neuroscience; Univ. of Verona, I**
- August 2015*      **EANS training Course on Functional Neurosurgery and Head Trauma; Lisbon, P**
- June 2014*      **7<sup>th</sup> European-Japanese Stroke Surgery Conference - Member of local organizing committee; Verona, I**
- June 2014*      **Advanced Course on Cervical Spine Surgery – Cadaver lab; Innsbruck, A**
- November 2013*      **Basic Microsurgery Course; Monza, I (Honor Guest: Fr. Rosmarie Frick)**
- October 2013*      **Cerebral Aneurysms Surgery Course – Member of local scientific committee; Verona, I**
- September 2013*      **EANS Training Course on Vascular Neurosurgery; Prague, CZ**
- November 2012*      **Scandinavian Dissection Course: Basic Cranial Approaches; PO Medica, Borås, SW**
- August 2012*      **EANS Training Course on Spine and Peripheral Nerves; Leeds, UK**
- July 2009 – Oct 2010*      **Subinvestigator in the third cooperative multi-center study on the efficacy of Clazosentan in subarachnoid hemorrhage in patients submitted to endovascular coiling (CONSCIOUS-3)**
- June 2009 – Aug 2010*      **Subinvestigator in the second cooperative multi-center study on the efficacy of Clazosentan in subarachnoid hemorrhage in patients submitted to surgical clipping (CONSCIOUS-2)**
- March 2009*      **Italian Government Licence to Practice, Verona, (reference number 07926)**

## Professional experience

- August 2015 – present*      Locum Neurosurgeon  
Institute of Neurosurgery, (August 2015 – December 2015: 48hrs/month; February 2016 – present: 84hrs/month), Verona City and University Hospital
- January 2016 - July 2017*      Locum Neurosurgeon  
Division of Neurosurgery (50 hours per month), Bolzano City Hospital, Italy.

## Post-graduate Clinical Trainings:

- Febr 2015 – June 2015*      **Functional Neurosurgery**  
Prof. Mario Meglio  
Verona City Hospital, University of Verona

<i>July 2014 – Jan 2015</i>	<b>Skull base and Microneurosurgery</b> Prof. Antonio Bernardo Weill Cornell Medical College, New York, NY, USA
<i>July 2013 – June 2014</i>	<b>Neuro-oncological and Skull Base Surgery</b> Giampietro Pinna MD – Angelo Musumeci MD – Barbara Masotto MD Verona City Hospital, University of Verona
<i>Jan 2013 – July 2013</i>	<b>Spine Neurosurgery</b> Fabio Moscolo MD Verona City Hospital, University of Verona
<i>Jan – Dec 2012</i>	<b>Vascular Neurosurgery</b> Alberto Pasqualin MD Verona City Hospital, University of Verona
<i>July - Dec 2011</i>	<b>Neuro-oncological Surgery</b> Andrea Talacchi MD Verona City Hospital, University of Verona
<i>Jan – June 2011</i>	<b>Skull Base Surgery</b> Giampietro Pinna MD – Barbara Masotto MD Verona City Hospital, University of Verona
<i>July - Dec 2010</i>	<b>Stereotactic Radiosurgery</b> Prof. Massimo Gerosa Verona City Hospital, University of Verona
<i>Apr - June 2010</i>	<b>General Surgery</b> Umberto Tedeschi MD Verona City Hospital, University of Verona
<i>Jan - Mar 2010</i>	<b>Neurosurgical Intensive Care Unit</b> Francesco Procaccio MD Verona City Hospital, University of Verona
<i>July - Dec 2009</i>	<b>General Neurosurgery</b> Sergio Turazzi MD Verona City Hospital, University of Verona

## **Publications:**

<i>Papers</i>	<p><b>Meneghelli P</b>, Pasqualin A, Zampieri PG, Longhi M, Foroni R, Sini A, Tommasi N, Nicolato A: Surgical management of adverse radiation effects after Gamma Knife radiosurgery for cerebral arteriovenous malformations: a population-based cohort study. <i>World Neurosurg</i>, 2018 <i>In press</i>.</p> <p>Pasqualin A, <b>Meneghelli P</b>, Musumeci A, Della Puppa A, Pavesi G, Pinna G, Scienza R: Intraoperative measurement of arterial blood flow in aneurysms surgery. In <i>Trends in Neurovascular Interventions</i>, T. Tsukahara et al (eds), Acta Neurochirurgica Supplement, 2018 <i>In press</i></p> <p><b>Meneghelli P</b>, Sala F: Neurophysiological monitoring in operating room for craniovertebral junction surgery: what's new? In: Title <i>New Trends in Craniovertebral Junction Surgery</i>, M. Visocchi (ed), Acta Neurochirurgica Supplement, 2018 <i>In press</i></p> <p><b>Meneghelli P</b>, Pasqualin A, Lanterna LA, Bernucci C, Spinelli R, Dorelli G, Zampieri P: Surgical treatment of anterior cranial fossa dural arterio-venous fistulas (DAVFs): a two center experience. <i>Acta Neurochir</i>, 59(5):823-830 (2017).</p> <p>Talacchi A, <b>Meneghelli P</b>, Borghesi I, Locatelli F: Surgical management of syringomyelia unrelated to Chiari malformation or spinal cord injury. <i>Eur Spine J</i> 25:1836-46 (2016).</p> <p>Pasqualin A, <b>Meneghelli P</b>, Cozzi F, Chioffi F: Surgical management of paraclinoid aneurysms. In <i>Trends in Neurovascular Interventions</i>, T. Tsukahara et al (eds), Acta Neurochirurgica Supplement, 123:33-39 (2016) .</p> <p><b>Meneghelli P</b>, Cozzi F, Locatelli F, Pasqualin A: Surgical management of aneurysmal hematoma: prognostic factors and outcome. In <i>Trends in Cerebrovascular Surgery</i>, T. Tsukahara et al (eds), Acta Neurochirurgica Supplement, 123:3-11 (2016).</p>
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Pasqualin A, **Meneghelli P**, Cozzi F, Giammarusti A: Surgical exclusion of unruptured middle cerebral artery aneurysms: experience on 126 cases. In *Trends in Cerebrovascular Surgery*, T. Tsukahara et al (eds), Acta Neurochirurgica Supplement 119:25-31 (2014).

Pasqualin A, Zampieri P, Nicolato A, **Meneghelli P**, Cozzi F, Beltramello A: Surgery after embolization of cerebral arterio-venous malformations: experience on 123 cases. In *Trends in Neurovascular Interventions*, T. Tsukahara et al (eds), Acta Neurochirurgica Supplement 119:105:111 (2014).

Pasqualin A, **Meneghelli P**, Giammarusti A, Turazzi S: Results of surgery for cavernomas in critical supratentorial areas. In *Trends in Neurovascular Interventions*, T. Tsukahara et al (eds), Acta Neurochirurgica Supplement 119:117-123 (2014).

Talacchi A, D'Avella D, Denaro L, Santini B, **Meneghelli P**, Savazzi S, Gerosa M: Cognitive outcome as part and parcel of clinical outcome in brain tumor surgery. *J Neurooncol* 108(2):327-332 (2012).

Pasqualin A, **Meneghelli P**, Cozzi F: Aneurismi intatti: rischio di sanguinamento rispetto alla sede ed alle dimensioni. *Rivista di Neurobiologia* 2010, 7(1 Suppl):314-316 (Italian)

Faccioli F, Cristofori L, Gambin R, **Meneghelli P**: Compressioni midollari metastatiche: il trattamento chirurgico d'emergenza. *Rivista Medica* 2009, 15(2 Suppl):1-3 (Italian)

#### *Book Chapters*

**Meneghelli P**, Sala F: Intraoperative neurophysiological monitoring during surgery for skull base meningiomas. In: *Meningiomas of the skull base*, 1<sup>st</sup> edition, P Cappabianca, D. Solari (eds) Thieme Medical Publisher, *In press*

**Meneghelli P**, Sala F: I monitoraggi neurofisiologici nella chirurgia del rachide cervicale. In: *Collana monografica di Tecniche Chirurgiche in Ortopedia e Traumatologia: La Chirurgia del Rachide Cervicale*, R. Delfini, A. Landi (eds) Cic Editore, Roma, 2017.

**Meneghelli P**, Pasqualin A, Sala F: Intraoperative neurophysiological monitoring during surgical and endovascular treatment of cerebral arteriovenous malformations. In: *Brain Arteriovenous Malformations and Arteriovenous Fistulas*, A. Dumont, G. Lanzino, and J. Sheehan (eds) Thieme Medical Publishers, New York 2017.

#### *Abstracts*

**Meneghelli P**, Tramontano V, Leon A, Basaldella F, Arcaro C, Meglio M, Pinna G, Sala F: Intraoperative neurophysiological monitoring during surgery for intramedullary spinal cord tumors: a 248 patients' series. 66<sup>th</sup> Italian Neurosurgical Society (SINch) Annual Meeting, 2017, Verona. (Italian)

Parisi C, **Meneghelli P**, Tramontano V, Pinna G, Pasqualin A, Meglio M, Sala F: Intraoperative neurophysiological monitoring of motor evoked potentials during brain surgery in motor areas: warning criteria and functional outcome. 66<sup>th</sup> Italian Neurosurgical Society (SINch) Annual Meeting, 2017, Verona. (Italian)

**Meneghelli P**, Sala F, Pinna G, Pasqualin A: Surgical treatment of middle cerebral artery unruptured aneurysms. 66<sup>th</sup> Italian Neurosurgical Society (SINch) Annual Meeting, 2017, Verona. (Italian)

**Meneghelli P**, Pasqualin A, Pinna G, Giarletta M, Musumeci M: Surgical morbidity of unruptured aneurysms: principal risks factors and complications. 65<sup>th</sup> Italian Neurosurgical Society (SINch) Annual Meeting, 2016, Rome. (Italian)

**Meneghelli P**, Pasqualin A, Della Puppa A, Pavesi G, Pinna G, Scienza R: Intraoperative flowmetry during cerebral aneurysm surgery: a multi center experience. 65<sup>th</sup> Italian Neurosurgical Society (SINch) Annual Meeting, 2016, Rome. (Italian)

**Meneghelli P**, Pasqualin A, Longhi M, Foroni R, Zampieri P, Nicolato A: Surgical management of persistent symptomatic adverse radiation effects after Gamma Knife radiosurgery for cerebral AVMs. 65<sup>th</sup> Italian Neurosurgical Society (SINch) Annual Meeting, 2016, Rome. (Italian)

Moscolo F, Impusino A, **Meneghelli P**, Sala F, Meglio M: Surgical management of Type II odontoid fracture in elderly. 65<sup>th</sup> Italian Neurosurgical Society (SINch) Annual Meeting, 2016, Rome. (Italian).

**Meneghelli P**, Pasqualin A, Beltramello A: Surgical treatment of anterior cranial fossa dural AV fistulas. 64<sup>th</sup> Italian Neurosurgical Society (SINch) Annual Meeting, 2015, Napoli. (Italian)

Pasqualin A, Hasanbelliu H, **Meneghelli P**, Zampieri P, Nicolato A. Surgical treatment of arterio-venous malformations in/around speech areas. 66<sup>th</sup> German Neurosurgical Society Annual Meeting, 2015, Karlsruhe.

**Meneghelli P**, Acioly MA, Evins AI, Stieg PE, Bernardo A: Fully endoscopic occipital transtentorial approach to the pineal region: the Poppen's approach revisited. 83<sup>rd</sup> American Association of Neurological Surgeons (AANS) annual meeting; 2015 Washington DC, USA.

**Meneghelli P**, Evins AI, Stieg PE, Bernardo A: Anatomosurgical Perspectives of the Basilar Artery Curvature and Related Pattern of Perforators as seen from different surgical windows. 83<sup>rd</sup> American Association of Neurological Surgeons (AANS) annual meeting; 2015 Washington DC, USA.

Pasqualin A, **Meneghelli P**, Cozzi F, Chioffi F: Outcome after surgical treatment of paraclinoid carotid aneurysms. 7<sup>th</sup> European-Japanese Stroke Surgery Conference, 2014, Verona.

Pasqualin A, Gallo P, Cozzi F, **Meneghelli P**: Surgical treatment of hematomas from aneurysmal rupture: prognostic factors and outcome. Congress of Neurological Surgeons, 2009 Annual Meeting, New Orleans, Louisiana, USA.

Pasqualin A, Pavesi G, **Meneghelli P**, Manfrini M, Gallo P, Scienza R: Intraoperative flow measurements in aneurysm surgery. Congress of Neurological Surgeons, 2009 Annual Meeting, New Orleans, Louisiana, USA.

#### **Other Skills and Interests:**

##### *Languages*

- Italian: Native
- English: Fluent

##### *IT skills*

- Microsoft Word, Excel, PowerPoint, Photoshop

##### *Pro-bono activities*

- 2008-2013, “G.A.M.P.” pro bono activities to support agricultural organizations in Mozambique
- 2002-2008, volunteer ambulance driver, “Croce Verde Verona”, public health care.

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Verona, June 27<sup>th</sup>, 2018