



My Beautiful Golden Hands

Italy's 1st Annual Microanastomosis Symposium for Neurosurgical Residents

Tuesday September 23rd, 2025

Registration opens at 14:00

University of Brescia – Laboratory of Histology


Viale Europa 11 - 25123 Brescia | Italy

U.O.C. Neurochirurgia di Brescia – Università degli Studi di
Brescia Prof. Marco M. Fontanella



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Objectives of the Microanastomosis Symposium

2025 Directors

Marco M. Fontanella

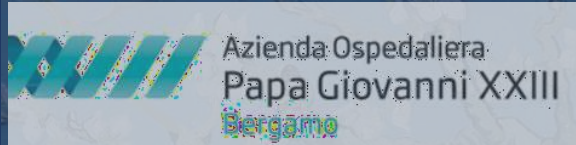
Università degli Studi di Brescia | Brescia, IT



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Andrea L. Lanterna

Papa Giovanni XXIII | Bergamo, IT



The Symposium is dedicated to cultivating deliberate practice and refining manual dexterity — a capacity forged through enduring aspiration, disciplined commitment, methodical repetition.

By convening leading experts, and innovative methodologies, by fostering a culture of continuous improvement, it aspires to elevate and harmonize microsurgical - exoscopic training standards across Italy's neurosurgical residency programs.

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for Neurosurgical Residents

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Time	Event	Description
14:00	Registration	—
15:00	Symposium I: Foundations of Dexterity	Dural Closure
15:30	Symposium II: Refinement of Technique	End-to-End anastomosis
16:30	Symposium III: Pinnacle of Mastery	End-to-Side anastomosis
18:00	Awards Ceremony	Awards

Italy's 1st Annual Microanastomosis Symposium

2025 Committee



Alessio Albanese
Policlinico Universitario A. Gemelli
Roma, IT

Joshua B. Bederson
Mount Sinai New York City
New York, USA

Carlo Bortolotti
Istituto delle Scienze Neurologiche
Bologna, IT

Marco Cenzato
Niguarda
Milano, IT

Christian Cossandi
Ospedale Maggiore della Carità
Novara, IT

Rina Di Bonaventura
Policlinico Universitario A. Gemelli
Roma, IT

Giuseppe Esposito
Zürich Universitätsspital
Zürich, CH

Alessia Fratianni
Azienda Universitaria di Parma
Parma, IT

Giuseppe Lanzino
Mayo Clinic Rochester
Minnesota, USA

Kristy Latour
Università degli Studi di Brescia
Brescia, IT

Carmelo L. Sturiale
Policlinico Universitario A. Gemelli
Roma, IT

Session N° I: Dural Closure

Start 15:00

15 minutes

- Participants admitted:
1st to 5th year residents regularly enrolled
in a Neurosurgery Residency Program
- Material
Synthetic Membrane
- Stitches
5 – 0 suture
10 simple interrupted sutures
- No depth

Judges Committee of Session I°:

Di Bonaventura, Sturiale

& Cossandi

- Suture spacing & uniformity: 0 – 2 points
- Tissue approximation: 0 – 2 points
- Knot quality: 0 – 2 points
- Cut-off to proceed to Session II°
3 points out of 6
- Timing is measured & collected



Session N° II: End-to-end

Start 15:30

30 minutes

- Participants admitted:
1st to 5th year residents who have passed Session I°
- Material
2 mm silicon tube
- Stitches
10 – 0 suture
- No depth

Judges Committee of Session II°:

*Cenzato, Albanese
& Esposito*

- Tube alignment & tension: 0 – 2 points
- Suture placement: 0 – 2 points
- Knot quality: 0 – 2 points
- Anastomosis patency: 0 – 2 points
- Cut-off to proceed to Session III°
4 points out of 8
- Timing is measured & collected



Session N° III: End-to-side

Start 16:30
45 minutes

- Participants admitted:
1st to 5th year residents who have passed Session II°
- Material
2 mm silicon tube
- Stitches
10 – 0 suture
- Fish mouth technique

Judges Committee of Session III°:

*Lanterna, Bortolotti
& Fratianni*

- Tube alignment & tension: 0 – 2 points
- Suture spacing: 0 – 2 points
- Bite size: 0 – 2 points
- Knot quality: 0 – 2 points
- Anastomosis patency: 0 – 2 points
- Cut-off to pass the Final Session
6 points out of 10
- Timing is measured & collected

Microanastomosis Closing Ceremony & Final Remarks

In recognition of excellence, discipline & the pursuit of technical mastery

2025 Final Panel Chair:

Professor Joshua B. Bederson

Chair of Neurosurgery at The Mount Sinai Health System, New York – USA

Award I: “Consistent Microanastomosis Practice”

Honoring the participant who demonstrates technique and precision at each session.

Award II: “Steady End-to-Side Anastomosis”

Recognizing the individual who combines speed and precise end-to-side anastomosis.

Award III: “Early Commitment Recognition”

Celebrating the youngest resident who successfully completes all sessions.

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Application Opening:
July 6th 2025

Application Fee:
100 Euro

Contact Information:
bresciamicrosurgery@gmail.com