

January the 24<sup>th</sup>, 2024

**CURRICULUM VITAE**

MAURIZIO BARCA, M.D.

<b>Home Address:</b>	Ferrara, Italy
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<b>Place of Birth:</b>	Padova, Italy
<b>Education:</b>	
1989-1994	-Scientific Liceum A.Roiti High School (first class degree)
1994-2000	<b>-University of Ferrara Medical School July 2000, M.D. 110/110 cum laude</b>
2006-2011	<b>-University of Bologna Degree in Dentistry</b>
2012-2013	<b>-II Level University Master in Implantoprosthesis, University of Genova</b>
2021-2022	<b>-II Level University Master of Complex Spine Surgery at Verona University (from the 3rd of Nov, 2021 to the 2nd of Dec, 2022)</b>
<b>Visiting Student:</b>	
1998	St. Mary's Hospital (London) Haematology Service Prof. Wikramasinghe

**Observership:**

2001

Long Island Jewish Medical Center (New York)  
General Surgery ICU Doctor Corrado Marini

2002

Massachusetts General Hospital  
Emergency Medicine, Boston  
Doctor David Brown

**Residency:**

2000-2004

**Anaesthesiology and Intensive Care at  
University of Ferrara, Italy**

2004.

Fourth year of residency at UTMB (University of  
Texas Medical Branch in Galveston, Texas  
U.S.A.)

UTMB Rotations:

- Oct. and Nov. in general OR (operating room) at UTMB
- December in Pediatrics Anesth. at UTMB Galv., TX
- January in Cardiac Pedi. Anesth. at Driscoll Children Hosp. in Corpus Christi, TX.
- February in Pedi. Trauma and Burns at Shriners Burns Hosp. in Galv., TX
- March in Vascular Anesth. at UTMB Galv., TX
- April in Thoracic Anesth. at MD Anderson Hosp. in Houston, TX
- May in Adult Cardiac Anesth. at Texas Heart Institute in Houston, TX
- June in Ob\GYN Anesth. at UTMB Galv., TX
- July in Pedi. Trauma and Burns at Shriners Burns Hosp. in Galv., TX
- August in Surgical Intensive Care Unit at Galv. TX
- September in Ob\GYN Anesth. at UTMB Galv., TX

2016-2021

**Orthopedic and Traumatology residency in  
Ferrara University, Ferrara, Italy with the  
mark of 50 over 50 cum laude**

**Courses attended:**

Intraoperative Transesophageal  
Echocardiography Workshop  
Agosto 2004 MD Anderson, Houston,  
Texas, USA

Digital Fibrobroncoscopy  
April 2004 MD Anderson, Houston,  
Texas, USA

Kyphoplasty in vertebral compression  
fracture, Pavia, 17-18 December 2008

Balloon Kyphoplasty Surgeon Training Program  
December 19<sup>th</sup>, 2008  
Leiden, The Netherlands

Muscle-skeletal ultrasound school,  
Basic Bologna, 19 – 23 Genuary, 2009  
Advanced Bologna, 14 – 18 December, 2009

Interspinous Solutions:  
Patient Selection and Implant Technique  
February 25 – 26, 2010  
Leiden, The Netherlands

First Annual Scientific Meeting (The Society for  
Ultrasound in Anaesthesia) the 29<sup>th</sup> of April,  
2010; London, UK

8<sup>th</sup> Annual International Symposium on  
Ultrasound in Regional Anesthesia and Pain  
Therapy – ISURA April 15 to 17, 2011 in Bern,  
Switzerland

5<sup>Th</sup> International Cadaver Workshop – Association  
for Ultrasoundimaging in Regional Anaesthesia.

Innsbruck April 18, 2011

PercuDyn™ Surgical Training Program Schio  
(Vicenza) 6<sup>th</sup> of October, 2011

Scientific and Practical Course on Spinal Cord  
Stimulation (Neuromodulation Workshop)  
November 24-25, 2011

Lieden, Holland

Theoretical and practical course of oral anatomy and implant surgery on cadaver. Arezzo, 27-28 January 2012

Theoretical and practical course of infiltration techniques on cadaver. Barcelona (Spain) , 8-9 November 2013

Annual Course of Implant Surgery  
Computer Guided Implant Rehabilitation and Pre-Implant Reconstructive Surgery  
Bologna, 2013

Course of Implant Surgery;  
San Paolo (Brasile); 18-22 Novembre, 2013

Course of Implant Surgery (Dr. A. Scipioni)  
Rome, Oct. - Nov. 2014

Course of Muscle-skeletal ultrasound and intraarticular therapy, Pisa 4-5 March, 2015

Endoscopic spine surgery course Paracelsus Medical University, Salzburg (Austria) March 25-26, 2022

Treatment of Degenerative Lumbar Disease using the eXtreme Lateral Approach. Cadaver Lab Ospedale Niguarda Milano 1<sup>st</sup> of April, 2022

Treatment of unstable shoulder: difficulties, failure and tip and tricks for success. Padova, 21-22 of April, 2023

13<sup>th</sup> VASA COURSE  
COMPREHENSIVE VASCULAR  
CADAVER COURSE Verona, at  
ICLO January 22-23, 2024

**Certifications:**

BLS (Basic Life Support)  
ACLS (Advance Cardiac Life Support)  
ATLS (Advance Trauma Life Support)  
PALS (Pediatric Advance Life Support)

**U.S.M.L.E.:  
(United States Medical  
License Examinations)**

Step 1 (basic science)  
Step 2 (clinical science)  
Step 3 (permanent clinical license)  
Toefl (Test Of English as Foreign  
Language)  
CSA (Clinical Skills Assessment)

**Faculty positions:**

-Anesthesiologist at Aosta Medical  
Hospital, Italy since January the 1<sup>st</sup>, 2005,  
Tenure since July the 1<sup>st</sup>, 2005  
-Anesthesiologist at ICU and Emergency  
Surgery Bologna S.Orsolas Hospital from  
July 1<sup>st</sup> 2006 to January 31<sup>st</sup>, 2008  
-Staff Anesthesiologist in Pain  
Medicine at Venezia Mestre Hospital; feb  
1<sup>st</sup>, 2008 to the 31<sup>st</sup> of March, 2011  
-Free lance Doctor from the 1<sup>st</sup> of April,  
2011

**Accademic Appointment:**

- Pain Medicine Meeting Venice 17<sup>th</sup> -  
19<sup>th</sup> of April, 2008  
- Pain: also a territorial emergency, 30<sup>th</sup> of  
May, 2008 Adria – Rovigo Caponnetto  
Room  
- III Neurostimulation course 1<sup>st</sup> of  
December, 2008 Venice -  
Therapeutical pathway for the patient with  
severe chronic pain the 11<sup>th</sup> -12<sup>th</sup> of  
December, 2008 Milan  
- IV Neurostimulation congress the 30<sup>th</sup> of  
November- 1<sup>st</sup> of December, 2009 Venice  
  
8<sup>th</sup> Pain Medicine Meeting, the 6<sup>th</sup> -7<sup>th</sup>  
-8<sup>th</sup> of May, 2010 Asolo (TV) Italy

- Day Surgery of the future      the 23<sup>rd</sup> of October 2010, Ferrara
- V Neuromodulation congress    the 29<sup>th</sup> - 30<sup>th</sup> of November, 2010 Venice
- Advanced theoretical and practical Pain Management Course (Physiopathology, Semeotics and Therapy). Negrar (Verona) the 11<sup>th</sup> of March, 2011

- VI Neuromodulation congress    the 28<sup>th</sup> - 29<sup>th</sup> of November, 2011 Venice

- Tutor to Professor Reuven Gepstein teaching surgical posterior approach in cervical arthrodesis with D-Trax, Herzliya Medical Center Tel Aviv, Israel from the 8<sup>th</sup> to the 10<sup>th</sup> of Genuary, 2013
- Minimally Invasive Pain Surgery: from neurostimulation to vertebral fixation Fiumicino (Roma) 17<sup>th</sup> of May, 2014
- DTRAX Users Group Meeting Nov. 2014

### **Visiting Physician:**

Pain Clinic for invasive procedures at Rikshospitalet, Oslo Norway 12/31/2006 – 1/14/2007

### **Other Professional Experiences:**

Rural family doctor (on call duty):

AUSL Bologna Nord, Distretto di S.Giovanni in Persiceto  
 AUSL Modena, Distretto di Mirandola  
 AUSL Ferrara, Distretto Ovest  
 AUSL Ferrara, Distretto Copparo

Screening doctor

AVIS (Associazione Volontari Italiani Sangue) Blood Bank

Anesthesiologist

General anesthesia and sedation, mainly for pediatric cases in private clinic in Helsinki, Finlandia (Novembre,2015)

**Other certifications:**

Croce Rossa Italiana (Italian Red Cross)

- Open Water Scuba Diver
- Advanced Open Water Diver
- Rescue Diver
- Dive Master

**Languages spoken:**

- English
- Slovenian

**Publications:**

## Abstract :

P. Biondi, D Scorzoni, D Manservigi, P.L. Pareschi, M. Barca, F. Pellicano, R.G. Urso, L. Longhini, G.F. Musacci, C.Longhini.

Arteriolar changes, glycaemic exposure, hypertension and type 2 diabetes mellitus.  
European Diabetology 1998.

M. Capuzzo, M. Barca

Incidence of the external peroneal nerve damage in critical ill patient,  
Critical Care Medicine 2005

M. Barca, G. Pinato, M. Bevilacqua, P. Fontana, S. Biguzzi, M. Haefele,  
C. Lettieri, G. Devigili, C. Conti, G. Trincia, E. Cagliari, R. Eleopra, G. Pinato

Neurostimulation therapy for orthostatic tremor: a case report

The new borders for pain medicine. 32<sup>th</sup> AISD National Congress; Abstract Book 28-30<sup>th</sup> of May, 2009.

## Article:

Maurizio Barca and Monica Montopoli

Unexpected baclofen subdural infusion in a patient who carries an internal pump for intrathecal infusion: a case report

International Journal of Clinical Pharmacology & Pharmacotherapy

Volume 1 (2016), Article ID 1:IJCPP-111, 3 pages

<https://doi.org/10.15344/2456-3501/2016/111>

## Video publication:

Author of video intervention (WuMedi) on revision of infected total hip joint arthroplasty with cage reconstruction

<https://www.vumedi.com/video/one-stage-revision-of-an-infected-tha-with-a-reconstruction-cage?share=ios>

## Article

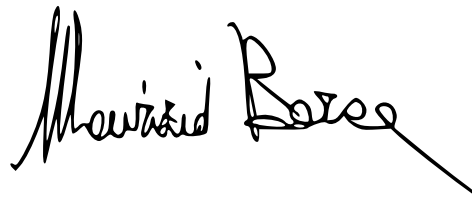
[Rotator cuff repair just in local anesthesia is possible](#)

Beyond Rheumatology 2023; 5 (3): e497

DOI: 10.53238/br\_202312\_497

Topic: [Interventional rheumatology](#) Category: [Case Report](#)

Tinazzi M., Rosato B., Barca M.

A handwritten signature in black ink, appearing to read 'Maurizio Barca', with a long horizontal stroke extending to the right.