



## Rafik Margaryan

**ID:** CA21508MG | **Work permit:** Italian | **Date of birth:** 22/07/1980 |

**Place of birth:** Armavir, Armenia | **Nationality:** Italian | **Phone number:**

(+39) 3881246393 (Mobile) | **Email address:** [raffdoc@gmail.com](mailto:raffdoc@gmail.com) |

**Address:** Via Cervara 74 A, 54100, Massa, Italy (Home)

### WORK EXPERIENCE

17/08/2017 – CURRENT Massa, Italy

**CARDIAC SURGEON** OSPEDALE DEL CUORE FONDAZIONE G MONASTERIO

Cardiac Surgery and healthcare in general

### EDUCATION AND TRAINING

01/06/2009 – 01/09/2010 Pisa, Italy

**MEDICAL DOCTOR** Università di Pisa

**Website** [www.unipi.it](http://www.unipi.it) | **Level in EQF** EQF level 8

### LANGUAGE SKILLS

Mother tongue(s): **ARMENIAN**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
<b>ITALIAN</b>	C2	C2	C2	C2	C2
<b>ENGLISH</b>	C2	C2	C2	C2	C2
<b>RUSSIAN</b>	C2	C2	C2	C2	C2
<b>GERMAN</b>	B2	B2	B1	B1	B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

### DIGITAL SKILLS

Data Analysis | Google Drive | Data Preprocessing | Convolutional Neural Networks | Neural Networks and Deep Learning | Python | Github | Data Visualization | Microsoft Excel | Matplotlib | Git | Pandas | Data Science | Jupyter Notebook | Microsoft Office | Artificial Intelligence | Scikit-Learn | Machine Learning | R (PROGRAMMING) | Data Science | Data Collection, Data Processing, Data Analysis, Data Visualisation | Python-Programming | Machine Learning | Deep Learning | Quarto | Reproducible Research

### DRIVING LICENCE

**Driving Licence:** AM

**Driving Licence:** B

### PUBLICATIONS

2018

[Aortic valve replacement with Perceval bioprosthesis: single-center experience with 617 implants](#)

Giovanni Concistrè, Francesca Chiaramonti, Giacomo Bianchi, Alfredo Cerillo, Michele Murzi, Rafik Margaryan, Pierandrea Farneti, Marco Solinas The Annals of thoracic surgery Volume 105 Numero 1 Pagine 40-46

2013

**[Aortic arch reconstruction in newborns with an autologous pericardial patch: contemporary results](#)**

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Massimo Bernabei, Rafik Margaryan, Luigi Arcieri, Giacomo Bianchi, Vitali Pak, Bruno Murzi Interactive cardiovascular and thoracic surgery Volume 16 Numero 3 Pagine

2017

**[Antegrade and retrograde perfusion in minimally invasive mitral valve surgery with transthoracic aortic clamping: a single-institution experience with 1632 patients over 12 years](#)**

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Michele Murzi, Alfredo G Cerillo, Tommaso Gasbarri, Rafik Margaryan, Enkel Kallushi, Pierandrea Farneti, Marco Solinas Interactive cardiovascular and thoracic surgery Volume 24 Numero 3 Pagine 363-368

2020

**[Right anterior mini-thoracotomy and sutureless valves: the perfect marriage](#)**

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Write here the description...

M Solinas, G Bianchi, F Chiaramonti, R Margaryan, E Kallushi, T Gasbarri, F Santarelli, M Murzi, P Farneti, A Leone, S Simeoni, E Varone, F Marchi, M Glauber, G Concistrè Annals of Cardiothoracic Surgery Volume 9 Numero 4 Pagine 305

2015

**[Sutureless Aortic Valve Prosthesis Sizing Estimation and Prediction Using Multidetector-Row Computed Tomography](#)**

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Rafik Margaryan, Enkel Kallushi, Daniyar Gilmanov, Antonio Micelli, Michele Murzi, Marco Solinas, Alfredo Giuseppe Cerillo, Mattia Glauber 2015/7 Pubblicazione Innovations Volume 10 Numero 4 Pagine 230-235

2019

**[Outcomes of video-assisted minimally invasive cardiac myxoma resection](#)**

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Giacomo Bianchi, Rafik Margaryan, Enkel Kallushi, Alfredo Giuseppe Cerillo, Pier Andrea Farneti, Angela Pucci, Marco Solinas Heart, Lung and Circulation Volume 28 Numero 2 Pagine 327-333

2015

**[Accuracy of EuroSCORE II in patients undergoing minimally invasive mitral valve surgery](#)**

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Marco Moscarelli, Giacomo Bianchi, Rafik Margaryan, Alfredo Cerillo, Pierandrea Farneti, Michele Murzi, Marco Solinas Interactive cardiovascular and thoracic surgery Volume 21 Numero 6 Pagine 748-753

2016

**[The modified Bentall procedure: a single-institution experience in 249 patients with a maximum follow up of 21.5 years](#)**

---

Michele Celiento, Giacomo Ravenni, Rafik Margaryan, Gabriele Ferrari, Stefania Blasi, Stefano Pratali, Uberto Bortolotti J Heart Valve Dis Volume 25 Numero 04

2016

**[Minimally invasive mitral valve surgery in high-risk patients: operating outside the boxplot](#)**

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Marco Moscarelli, Alfredo Cerillo, Thanos Athanasiou, Pierandrea Farneti, Giacomo Bianchi, Rafik Margaryan, Marco Solinas Interactive CardioVascular and Thoracic Surgery Volume 22 Numero 6 Pagine 756-761

2010

**[Surgical closure of big pulmonary artery-left atrial fistula](#)**

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Interactive CardioVascular and Thoracic Surgery Volume 10 Numero 1 Pagine 113-114

2022

**[Pearls, pitfalls, and surgical indications of the Intuity TM heart valve: A rapid deployment bioprosthesis. A systematic review of the literature](#)**

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A Dokollari, G Torregrossa, S Sicouri, A Veshti, R Margaryan, M Cameli, G E Mandoli, M Maccherini, G Montesi, F Cabrucci, L Coku, R Arora, Q Ri Li, M Bonacchi, S Gelsomino

2017

## [\*\*EuroSCORE performance in minimally invasive cardiac surgery: discrimination ability and external calibration\*\*](#)

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Rafik Margaryan, Marco Moscarelli, Tommaso Gasbarri, Giacomo Bianchi, Enkel Kallushi, Alfredo Giuseppe Cerillo, Pierandrea Farneti, Marco Solinas Innovations Volume 12 Numero 4 Pagine 282-286

2009

## [\*\*Surgical closure of PDA in low-weight premature infants\*\*](#)

---

Rafik Margaryan, Luigi Arcieri, Bruno Murzi The Journal of Maternal-Fetal And Neonatal Medicine Volume 22 Numero sup3 Pagine 81-84

## [\*\*Risk predictors that impact long-term prognosis in patients undergoing aortic valve replacement with the Perceval sutureless bioprosthesis\*\*](#)

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Aleksander Dokollari, Rafik Margaryan, Gianluca Torregrossa, Serge Sicouri, Matteo Cameli, Giulia Elena Mandoli, Edwin Prifti, Altin Veshti, Massimo Bonacchi, Sandro Gelsomino Cardiovascular Revascularization Medicine Volume 55 Pagine 10-19

2023

## [\*\*Ten-year experience with sutureless Perceval bioprosthesis: single-centre analysis in 1157 implants\*\*](#)

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G Concistrè, G Bianchi, R Margaryan, E Zancanaro, F Chiaramonti, E Kallushi, T Gasbarri, M Murzi, E Varone, S Simeoni, A Leone, F Santarelli, P Farneti, M Solinas Journal of Cardiovascular Medicine Volume 24 Numero 8 Pagine 506-513

2023

## [\*\*Transcatheter aortic valve replacement in degenerated Perceval bioprosthesis: clinical and technical aspects in 32 cases\*\*](#)

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Write here the description...

G Concistrè, T Gasbarri, M Ravani, A Al Jabri, G Trianni, G Bianchi, R Margaryan, F Chiaramonti, M Murzi, E Kallushi, E Varone, S Simeoni, A Leone, A Farneti, S Berti, M Solinas Journal of Clinical Medicine Volume 12 Numero 19 Pagine 6265

2019

## [\*\*Minimally invasive sutureless aortic valve replacement is associated with improved outcomes in patients with left ventricular dysfunction\*\*](#)

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Giovanni Concistrè, Giacomo Bianchi, Francesca Chiaramonti, Rafik Margaryan, Federica Marchi, Enkel Kallushi, Marco Solinas Innovations Volume 14 Numero 5 Pagine 445-452

2020

## [\*\*Bioconduit subannular implantation for aortic root endocarditis after previous cardiac surgery: Results from two Italian centers\*\*](#)

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Mariano Cefarelli, Giovanni Concistrè, Luca Montecchiani, Giacomo Bianchi, Paolo Berretta, Rafik Margaryan, Jacopo Alfonsi, Michele Murzi, Marco Solinas, Marco Di Eusanio Journal of Cardiac Surgery

2015

## [\*\*Minimally Invasive Mitral Valve Surgery in Truly High-Risk Patients: Are We Pushing the Boundaries? An Observational Study\*\*](#)

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Marco Moscarelli, Rafik Margaryan, Alfredo Cerillo, Enkel Kallushi, Pierandrea Farneti, Marco Solinas Innovations Volume 10 Numero 5 Pagine 328-333

2020

## [\*\*Selective perfusion of coronary vasculature in preterm sheep: a methodological innovation undermined by unfavourable operation of the foramen ovale\*\*](#)

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R Margaryan, N Assanta, A Menciassi, S Burchielli, M Matteucci, S Agostini, V Lionetti, C Luchi, E Cariati, A Pucci, F Coceani, B Murzi Canadian Journal of Physiology and Pharmacology Volume 98 Numero 4 Pagine 211-218

2022

## [\*\*Outcomes of emergent isolated coronary bypass grafting in heart failure patients\*\*](#)

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Giacomo Bianchi, Edoardo Zancanaro, Rafik Margaryan, Giovanni Concistré, Egidio Varone, Simone Simeoni, Marco Solinas Life Volume 12 Numero 12 Pagine 2124

2020

**Double Mammary In Situ: Predicting Feasibility of Right Mammary Artery In Situ for Circumflex Coronary Artery System**

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Rafik Margaryan, Daniele Della Latta, Giacomo Bianchi, Nicola Martini, Andrea Gori, Marco Solinas medRxiv Pagine 2020.12. 05.20243964

2019

**Intercoastal Space Prediction Using Deep Learning In Fully Endoscopic Mitral Valve Surgery**

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Rafik Margaryan, Daniele Della Latta, Giacomo Bianchi, Nicola Martini, Gianmarco Santini, Dante Chiappino, Marco Solinas bioRxiv Pagine 710996

2019

**Left Ventricular Dysfunction After Minimally Invasive Mitral Valve Surgery In Asymptomatic Patients: Risk Factors Analysis**

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Giacomo Bianchi, Silvia Di Sibio, Rafik Margaryan, Marco Solinas Structural Heart Volume 3 Numero sup1 Pagine 91-91

2018

**Both sexes should be treated equally: sex difference in patients with ischemic heart failure undergoing surgical revascularization**

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Rafik Margaryan, Michele Murzi Journal of Thoracic Disease Volume 10 Numero Suppl 26 Pagine S3153

**Home-Based Intervention Tool for Cardiac Telerehabilitation: Protocol for a Controlled Trial**

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F Mastorci, M Lazzeri, L Ait-Ali, P Marcheschi, P Quadrelli, M Mariani, R Margaryan, W Pennè, M Savino, G Prencipe, A Sirbu, P Ferragina, C Priami, Ao Tommasi, C Zavattari, P Festa, S Dalmiani, A Pingitore JMIR Research Protocols V 14 N 1 P e47951

2024

**Novel Perceval Sizing Technique: Single Center Experience**

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Rafik Margaryan, Giovanni Concistre, Giacomo Bianchi, Marco Solinas medRxiv Pagine 2024.08. 06.24311534

● **HONOURS AND AWARDS**

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01/06/2019

**Innovation Award 2019 – ISMICS**

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● **FELLOWSHIPS**

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01/04/2024 – 31/05/2024

**Francis Fontan Fellowship for Robotic Cardiac Surgery EACTS**

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Leuven University Hospital, Leuven, Belgium

● **CONFERENCES AND SEMINARS**

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07/10/2024 – 10/10/2024 Lisbon, Portugal

**EACTS Annual Meeting 2024**

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30/10/2024 – 02/11/2024 Thessaloniki, Greece

**ECS Club Annual Meeting**

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08/10/2023 – 10/10/2023 Vienna, Austria

**EACTS Annual Meeting 2023**

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29/05/2024 – 01/06/2024 Athens, Greece

**ISMICS Annual Meeting**

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31/05/2023 – 03/06/2023 Boston, USA

**ISMICS Annual Meeting**

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29/05/2019 – 01/06/2019 New York, USA

**ISMICS Annual Meeting**

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07/06/2017 – 10/06/2017 Rome, Italy

**ISMICS Annual Meeting**

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03/06/2015 – 06/06/2015 Berlin, Germany

**ISMICS Annual Meeting**

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07/10/2017 – 11/10/2017 Vienna, Austria

**EACTS Annual Meeting**

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