



Elections to EACVI Board 2022-2024

Application for the position: *(Select one position)*

- EACVI President-Elect
- EACVI Treasurer
- EACVI Secretary
- EACVI Councillor (Echocardiography)
- EACVI Councillor (Cardiovascular Magnetic Resonance)
- EACVI Councillor (Nuclear Cardiology & Cardiac CT)
- EACVI Vice-President-Elect (Echocardiography)
- EACVI Vice-President-Elect (Cardiovascular Magnetic Resonance)
- EACVI Vice-President-Elect (Nuclear Cardiology & Cardiac CT)

1. Your Identity	
Title	MD, PhD, FESC
Family Name(s)	Ajmone Marsan
First Name(s)	Nina
City	Leiden
Country	The Netherlands



2. General Curriculum Vitae (300 words max)

Present Position

Senior Cardiologist, Academic Researcher, Department of Cardiology, Leiden University Medical Center, The Netherlands. Since 2010

Training and Education

- Graduation cum-laude in Medicine-University of Pavia, Italy.2000
- Specialty cum-laude in Cardiology–University of Pavia, Italy.2005
- PhD cum-laude at Leiden University Medical Center, The Netherlands (2006-2010)
- Postdoc Fellowship in 3D-echocardiography at Centro Cardiologico Monzino (Milan,Italy.2010)

Major Research Interest

Application of multi-modality imaging with focus on novel echocardiographic techniques in cardiovascular diseases, including valvular heart disease, cardiomyopathies and systemic disease. Imaging for trans-catheter interventions for structural heart disease. Translational research in valvular heart disease.

Scientific Output and Honors

- For total peer-reviewed publications and text book-chapters see section 7
- Co-promotor of the PhD thesis of: Dr.G.Nucifora, Dr.P.Debonnaire, Dr.E.Joyce, Dr.K.H.Yiu, Dr.U.Hoke, Dr.Y.Hiemstra, Dr.F.Namazi, Dr.R.Abou, Dr.M.Dietz, Dr.A. van Wijngaarden, Dr.S. van Wijngaarden. Dr.A. Tomsic, Dr.T. Gegenava, Dr.F. Fortuni, Dr.C. Tjahjadi, Dr.M. Kostyukevich, Dr.C. Meucci, Dr.S. Butcher, Dr.J. Stassen, Dr.X. Galloo, Dr.D. Laenens, Dr.Y. Wu.
- Awarded with the Dekker Clinical Established Investigator grant (800.000 euro) 2021
- Awarded with the Women transforming Leadership Program ESC Grant, 2019
- Awarded with the Research grant of ESC 2007

For EACVI and ESC related activity see section 3

Editorial activity

- From 1st September 2020 Associate Editor of the European Heart Journal and of the European Heart Journal Cardiovascular Imaging
- From 2021 Associate Editor of the Journal of Cardiovascular Development and Disease and of Frontiers in Cardiovascular Medicine (Section VHD)
- Member of the Editorial Board of the Journal of the American Society of Echocardiography and of Heart

Congresses and courses

- More than 300 invited talks in international congresses (including EuroEcho since 2009 and ESC Congress since 2010)
- Director of the international courses:“3DEchocardiography: meet with the experts” (endorsed by EACVI)

Membership: Dutch Society of Cardiology, ESC, EACVI



**3. Previous experience(s) in the EACVI or ESC or your National Bodies?****EACVI board member (echo councillor) and Chair of the EACVI Education Committee 2020-2022**

Member of the **ESC Education Committee** 2022-2024 and 2020-2022

Since 2020 **Associate Editor of the European Heart Journal and of the European Journal of Cardiovascular Imaging**

Member of the **Scientific Initiatives committee of EACVI** 2018-2020 (and therefore authors of several of the published EACVI surveys, such as the one on hypertrophic cardiomyopathy, cardiac chamber quantification etc..)

Member of the **EACVI 2020 and 2021 congress program committee**

Director of the EACVI TOE teaching course (and previously faculty) and of the **EACVI level 1 courses in multi-modality imaging**

Author of several EACVI scientific documents (including "How to assess severe tricuspid regurgitation by echocardiography?", Eur Heart J Cardiovasc Imaging 2022; "EHRA expert consensus statement on arrhythmic mitral valve prolapse and mitral annular disjunction complex in collaboration with EACVI", Europace 2022; "Cardiovascular magnetic resonance in autoimmune rheumatic diseases: a clinical consensus document by the EACVI", Eur Heart J Cardiovasc Imaging 2022 and others in progress)

Reviewer for **the grant applications for the EACVI training, research and LOT grants**, for **ESC women transforming leadership program grants**.

Member of the EACVI task force Women in Cardiovascular Imaging and Imaging in Interventional Cardiology

Member of the **EACVI Echo Brainstorming**

Selected as **Mentor for the EACVI congress** 2018-2019

Speaker/chair of several **EACVI webinars** (ex. 3D echocardiography, Arrhythmic mitral valve prolapse, Imaging in systemic rheumatologic disease..)

Reviewer for the **abstracts of the ESC** congress 2009-2022, and for the **abstracts of Euroecho Imaging** congress 2017-2021, EHRA congress 2021

EACVI member and **FESC** for scientific excellence since 2016



4. Are you a Board or Nucleus Member of another scientific organisation?

Yes No

If Yes, please specify:

5. Selected publications (please list 10 max): selected among the most recent (excluding the ones pertinent to EACVI activities mentioned in section 3)

1. Prognostic value of left atrial reservoir function in patients with severe primary mitral regurgitation undergoing mitral valve repair. Stassen J, van Wijngaarden AL, Butcher SC, Palmén M, Herbots L, Bax JJ, Delgado V, Ajmone Marsan N. Eur Heart J Cardiovasc Imaging. 2022 Mar 18;jeac058. doi: 10.1093/ehjci/jeac058
2. Differences in Characteristics and Outcomes Between Patients With Hypertrophic Cardiomyopathy From Asian and European Centers. Tjahjadi C, Butcher SC, Zegkos T, Sia CH, Hirasawa K, Kamperidis V, Ngiam JN, Wong RCC, Efthimiadis G, Bax JJ, Delgado V, Ajmone Marsan N. J Am Heart Assoc. 2022 May 17;11(10):e023313. doi: 10.1161/JAHA.121.023313.
3. Prevalence and Prognostic Implications of Discordant Grading and Flow-Gradient Patterns in Moderate Aortic Stenosis. Stassen J, Ewe SH, Singh GK, Butcher SC, Hirasawa K, Amanullah MR, Pio SM, Sin KYK, Ding ZP, Sia CH, Chew NWS, Kong WKF, Poh KK, Leon MB, Pibarot P, Delgado V, Marsan NA, Bax JJ. J Am Coll Cardiol. 2022 Aug 16;80(7):666-676. doi: 10.1016/j.jacc.2022.05.036.
4. The year in cardiovascular medicine 2021: imaging. Bucciarelli-Ducci C, Ajmone-Marsan N, Di Carli M, Nicol E. Eur Heart J. 2022 Mar 31;43(13):1288-1295. doi: 10.1093/eurheartj/ehac033.
5. The dysfunctional right ventricle: the importance of multi-modality imaging. Surkova E, Cosyns B, Gerber B, Gimelli A, La Gerche A, Ajmone Marsan N. Eur Heart J Cardiovasc Imaging. 2022 Jun 21;23(7):885-897. doi: 10.1093/ehjci/jeac037.
6. Prognostic Impact of Extra-Mitral Valve Cardiac Involvement in Patients With Primary Mitral Regurgitation. van Wijngaarden AL, Mantegazza V, Hiemstra YL, Volpato V, van der Bijl P, Pepi M, Palmén M, Delgado V, Ajmone Marsan N, Tamborini G, Bax JJ. JACC Cardiovasc Imaging. 2022 Jun;15(6):961-970. doi: 10.1016/j.jcmg.2021.11.009.
7. Evaluation of Left Cardiac Chamber Function with Cardiac Magnetic Resonance and Association with Outcome in Patients with Systemic Sclerosis. Butcher SC, Vos JL, Fortuni F, Galloo X, Liem SIE, Bax JJ, Delgado V, Vonk MC, van Leuven SI, Snoeren M, El Messaoudi S, de Vries-Bouwstra JK, Nijveldt R, Ajmone Marsan N. Rheumatology (Oxford). 2022 Apr 28;keac256. doi: 10.1093/rheumatology/keac256





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| 8. Ratio between Vena Contracta Width and Tricuspid Annular Diameter: Prognostic Value in Secondary Tricuspid Regurgitation. Fortuni F, Dietz MF, Prihadi EA, van der Bijl P, De Ferrari GM, Bax JJ, Delgado V, Marsan NA. <i>J Am Soc Echocardiogr</i> . 2021 Sep;34(9):944-954. doi: 10.1016/j.echo.2021.03.015 |
| 9. Valve Strain: A Further Step Toward a Full Understanding of Mitral Valve Function and Dysfunction. Marsan NA, van Wijngaarden AL. <i>JACC Cardiovasc Imaging</i> . 2021 Jun;14(6):1110-1112. doi: 10.1016/j.jcmg.2021.02.006 |
| 10. Prognostic Implications of a Novel Algorithm to Grade Secondary Tricuspid Regurgitation. Fortuni F, Dietz MF, Prihadi EA, van der Bijl P, De Ferrari GM, Knuuti J, Bax JJ, Delgado V, Marsan NA. <i>JACC Cardiovasc Imaging</i> . 2021 Jun;14(6):1085-1095. doi: 10.1016/j.jcmg.2020.12.011 |

6. Publication metrics

ORCID ID: <https://orcid.org/0000-0001-7208-5769>

Google scholar profile link: [Ajmone marsan nina - Google Scholar](#)

Google scholar h-index: 77

7. Total number of peer reviewed publications / textbooks and chapters

428 peer reviewed publications

9 chapters of textbooks (most relevant: Hurst 2022, ESC text book last 2 editions, PCR-EACPI, 3DEchocardiography)



**8. Why are you interested in joining the EACVI Board (300 words max)?**

My experience in the EACVI board and as Chair of the Education Committee in the last two years has been unique, extremely enriching. It has given me the opportunity to learn from other colleagues, sharing opinion and expertise, gaining experience in managing the different activities of the association, and still teach and involve young imagers. The challenges of the COVID-19 pandemic have also further showed me how important EACVI is, particularly in the field of Education, to maintain the feeling of participation and belonging among our colleagues, and has stimulated me thinking with creativity and finding innovative solutions, still keeping the fundamental principles behind the association. I would like therefore to humbly apply again as a candidate to the EACVI Board for the period 2022-2024 to further contribute to its development, to its respected reputation as a professional organization and to its commitment to promote excellence in cardiovascular imaging.

In particular, considering my main clinical and research expertise, but also my deep involvement in educational activities in echocardiography, I would like to apply as Vice-President-Elect for section Echocardiography with the main goal to further contribute to the initiatives I have been involved so far. I also deeply believe in the need to spread and promote the EACVI standards of clinical and research quality in Cardiovascular Imaging within and outside the European countries, for which I have been widely involved in the scientific and educational activities of EACVI and ESC. Having had also experience in magnetic resonance imaging and cardiac CT, I feel further in line with the EACVI structure and truly believe in the objective of developing a strong multi-modality imaging association.

I would be honored to have the opportunity to contribute to these different areas within EACVI and it would be my privilege to continue serving EACVI in the future.

Sincerely,

