



Elections to EACVI Board 2024-2026

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)
- EACVI Ordinary Nominating Committee member

| 1. Your Identity | |
|------------------------|--|
| Title | Doctor |
| Family Name(s) | Pezel |
| First Name(s) | Theo |
| Birth Date | 01/21/1990 |
| Type of address | Business <input checked="" type="checkbox"/> Home <input type="checkbox"/> |
| Institute/Organisation | University Hospital of Lariboisiere |
| Department | Cardiology |
| Address | 2 rue Ambroise Paré |
| Post Code/Zip | 75010 |
| City | Paris |
| Country | France |
| Mobile Phone | [REDACTED] |
| Phone | [REDACTED] |
| Email | [REDACTED] |





2. Previous experience(s) in the EACVI or ESC or your National Bodies?

In the EACVI:

- 2023-2024: Chair of the “Heart Imagers of Tomorrow” (HIT) Committee
- 2024: Chair of the Scientific Abstract session for CMR 2024 congress (for EACVI)
- 2023-2024: Member of the EACVI jury for the grant “EACVI research fellow”
- 2022-2024: Teacher for the EACVI Level 1 CMR online course
- 2022-2024: Member of the EACVI jury for the grant “EACVI training fellow”
- 2021-2024: Member of the “Research and Innovation” Committee
- 2021-2022: Ambassador for France in the HIT Committee
- 2021-2022: Member of the “Registries” Committee

In the ESC:

- 2021-2024: Teacher for a “MasterClass” of Heart Failure Association (HFA)

In the French Society of Cardiology:

- 2021-2024: Member of the Main Executive Board of the French Society of Cardiology (*Comité d'administration*)
- 2022-2023: Vice-president of the French Young Heart Imagers Group
- 2019-2022: Vice-president of the French Young Cardiologists Group

In other scientific organizations:

- 2020-2022: French representative of the “Translation Committee” within the Society Cardiovascular Magnetic Resonance (SCMR)

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

Yes No

If Yes, please specify:

4. Selected publications (please list 10 max)

1. **Pezel T**, Dillinger JG, Toupin S, Mirailles R, Logeart D, Cohen-Solal A, et al. Left atrioventricular coupling index assessed using cardiac CT as a prognostic marker of cardiovascular death. *Diagn Interv Imaging*. 2023;104(12):594-604.



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| 2. Pezel T , Hovasse T, Lefèvre T, Sanguineti F, Untersee T, Champagne S, et al. Prognostic Value of Stress CMR in Symptomatic Patients With Coronary Stenosis on CCTA. <u>JACC Cardiovasc Imaging</u> , 2022, 15, 1408-1422 |
| 3. Pezel T , Sideris G, Dillinger JG, Logeart D, Manzo-Silberman, S, Cohen-Solal A, et al. Coronary Computed Tomography Angiography Analysis of Calcium Content to Identify Non-culprit Vulnerable Plaques in Patients With Acute Coronary Syndrome. <u>Front Cardiovasc Med</u> , 2022, 9, 876730 |
| 4. Pezel T , Dreyfus J, Mouhat B, et al. Effectiveness of Simulation-Based Training on Transesophageal Echocardiography Learning: The SIMULATOR Randomized Clinical Trial. <u>JAMA Cardiol</u> . 2023;8(3):248–256. |
| 5. Pezel T , Toupin S, Bousson V, Hamzi K, Hovasse T, et al, Machine-Learning Model using CCTA and Stress CMR for Prediction of Cardiovascular Events in Patients with obstructive CAD. <u>Radiology</u> 2024, just accepted. |
| 6. Pezel T , Coisne A, Michalski B, Soliman H, Ajmone N, Nijveldt R, et al. EACVI SIMULATOR-online study: evaluation of TOE knowledge and skills of young cardiologists. <u>Eur Heart J Cardiovasc Imaging</u> , 2023, 24, 285-292 |
| 7. Pezel T , Ambale-Venkatesh B, Quinaglia T, Heckbert SR, Kato Y, de Vasconcellos HD, et al. Change in Left Atrioventricular Coupling Index to Predict Incident Atrial Fibrillation: The Multi-Ethnic Study of Atherosclerosis (MESA). <u>Radiology</u> , 2022, 303, 317-326 |
| 8. Pezel T , Sanguineti F, Garot P, Untersee T, Champagne S, Toupin S, et al. Machine-Learning score using stress CMR for death prediction in patients with suspected or known CAD. <u>JACC Cardiovasc Imaging</u> , 2022, 15, 1900. |
| 9. Pezel T , Untersee T, Garot P, Hovasse T, Sanguineti F, Toupin S, et al. Long-Term Prognostic Value of Stress Cardiovascular Magnetic Resonance-Related Coronary Revascularization to Predict Death: A Large Registry With >200 000 Patient-Years of Follow-Up., <u>Circ Cardiovasc Imaging</u> , 2021, 14, e012789. |
| 10. Fauvel C, Weizman O, Trimaille A, Mika D, Pommier T, Pace N, (...) and Pezel T . Pulmonary embolism in COVID-19 patients: a French multicentre cohort study., <u>Eur Heart J</u> , 2020, 41, 3058-3068. |

5. Publication metrics

ORCID ID:

<https://orcid.org/0000-0002-6716-8444>

Google scholar profile link:



https://scholar.google.com/citations?hl=en&user=vTOquAAAAAJ&view_op=list_works&gmla=AC6lMd_3oF_qnia_lapT4jdkkb7RviiDn6iWhEI45QdBxDTcP4_MDhyayY4dxRclPI1wix2LUHS2TGeEkPbWQONW

Google scholar h-index:

h-index = 21

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

- 100 peer reviewed publications
- 1 chapter of the new TOE textbook of the EACVI
- 11 textbook of cardiology, cardiovascular imaging and research methodology in French

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

Dear EACVI Members,

I am writing to express my strong interest in the position of "Councillor – Nuclear & Cardiac CT." Having had the honor of serving as **Chair of the Heart Imagers of Tomorrow (HIT) Committee** for the past two years, I am eager to continue dedicating myself fully to the EACVI and further contribute to the Board's mission.

My deep commitment to **cardiovascular multimodality imaging**, coupled with my expertise in cardiac CT, MRI, and echocardiography—which I practice on a weekly basis—fuels my ambition to expand the integration of these advanced techniques into clinical practice. I believe that promoting these modalities is essential to advancing patient care and outcomes.

On the research front, I am proud to have initiated and coordinated the **"EACVI-MMVD study"** for the HIT Committee. This international registry including over 100 centers across more than 20 countries with over 1,500 patients recruited, places a strong emphasis on multimodal imaging—particularly cardiac CT. Through this project, countless cardiologists have had the opportunity to engage meaningfully within the EACVI community.

Looking ahead, we are preparing to launch another project with the HIT Committee and the R&I Committee entitled **"EACVI-INFLAME study"**, an international research initiative focused on patients with suspected inflammatory cardiovascular diseases. This study will underscore the **critical role of CT and Nuclear Imaging, including PET-CT.**





EACVI

European Association of
Cardiovascular Imaging

Finally, as Chair of the HIT Committee and **very involved in Simulation-based Training** with several works carried out on the TOE for the EACVI and the French Society of Cardiology, I proposed a new **Brainstorming HIT Group dedicated to Cardiac CT and nuclear imaging** to develop new dedicated training and research projects.

If elected, I am committed to advancing EACVI's research and educational initiatives, with a particular emphasis on multimodality imaging and a continued focus on CT and Nuclear Imaging.

Thank you for your consideration.

Sincerely,

Theo Pezel



ESC

European Society
of Cardiology