

Elections to Council Nucleus and Nominating committee 2024-2026

Motivation letter: Why are you interested in joining the Council Nucleus or Nominating committee (250 words max)?

During my cardiology specialty training I was struck by insufficient attention given to cardiovascular complications in cancer patients. A single case of a young woman developing fatal heart failure after chemotherapy set me on my mission to improve the care for these patients. In the following years I have set up a dedicated outpatient health care program to optimize cardiovascular health prior to anti-cancer treatment, screen for acute cardiotoxicity, treat cardiovascular toxicities, and provide long term screening in cancer survivors. Ever since, I have helped other centers successfully setting up similar programs, actively participated in regional and national cardio-oncology education, organizing several cardio-oncology symposia, and trained students, residents and cardiologist in cardio-oncology care at our institution. I have connected multiple disciplines to form a cardio-oncology research group at our institution and I participate in several international collaborations.

As the director of our cardio-oncology unit, we have been awarded the gold status of a cardio-oncology center of excellence by the IC-OS. I currently have the opportunity to participate in several national and international cardio-oncology guidelines, have set up an international cardio-oncology registry (G-COR) in collaboration with the Cleveland Clinics, and our multi-center cardio-oncology intervention trial testing cardioprotective therapy during anthracycline administration will start enrolling the upcoming year in the Netherlands.

I would like to further share my knowledge and experience, as well as my passion for education and improving our healthcare system across the border. To be part of the ESC council would offer a fantastic opportunity to realize these goals.



Arco Teske

Cardio-oncology
Non invasive imaging

Missions

Advancing novel developments in medical imaging in the clinical field in order to improve our diagnostic capacities and working toward a more personalized approach of early disease detection and monitoring.

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Improving the cardio-oncological care across the spectrum of preventing, diagnosing and treating cardiovascular toxicities.

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Sharing knowledge, training and teaching our future colleagues, connecting different disciplines, generating clinically oriented research in order to continuously improve patient care.

Relevant Work Experience

2016-2019: Fellowship non-invasive imaging department of Cardiology, University Medical Center Utrecht

2015-current: Director of Cardio-oncology unit

2016-current: Head of the echo-department

2019-current: Cardiologist Academic hospital

Publications

>100 publications (*h*-index 30) in high impact journals on:

- Cardio-oncology,
- Early diagnosis of myocardial disease using advanced non-invasive imaging,
- Artificial intelligence.

Education

1999-2005 Doctor of Medicine at the University of Utrecht

2009 PhD University Medical Center Utrecht, department of Cardiology

2008 Masters Degree Advanced Medical Imaging at the Katholic University Leuven

2009-2016 Specialty training Cardiology University Medical Center Utrecht

2016-2018 Fellowship non-invasive imaging

Key achievements

Starting the first dedicated Cardio-oncology health-care program in the Netherlands;

Contributing to national and international Cardio-oncology position papers and guidelines;

Our team being recognized and an IC-OS Center of Cardio-oncology Excellence gold status based on patients care, education, program building, collaborations, and research.

Education

2021	Cardio-oncology	IC-OS international board examination Cardio-oncology
2016/2019	Clinical fellowship	University Medical Center Utrecht (Cardiology)
2019	PhD training	Supervising PhD Candidates at the Graduate School of Life Sciences.
2015	Talent program	Jacob Jongbloed Talent program (talent program for young research talents in the field of cardiovascular science. Special focus on leadership and PhD-student counselling)
2009/2016	Speciality training	University Medical Center Utrecht (Cardiology)
2009	MSc	Katholic University Leuven - Advanced Medical Imaging (molecular imaging in different imaging techniques)
2005/2009	PhD	University of Utrecht - Echocardiographic quantification of regional right ventricular systolic function
1999/2005	Medical doctor:	University Medical Center Utrecht, NL.
1999/2005	MSc in Medicine:	University Medical Center Utrecht, NL.
1993/1999	Athenaeum:	De Goudse Waarde, Gouda, The Netherlands Subjects: Dutch, English, Math, Chemistry, Physics, Biology, Economy, Art history (Cum Laude)

Clinical experience

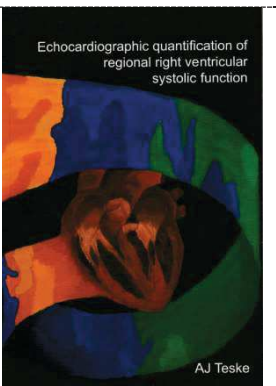
2018	- present	<p>Cardiologist</p> <ul style="list-style-type: none"> - Clinical cardiology - Head of echo-department - Cardio oncology consultation - Cardiologist at the Princes Maxima Center of children cancer (LATER outpatient clinic) - Echocardiographic guided valvular interventions
2016	- 2017	<p>Cardiologist / fellow non invasive imaging</p> <ul style="list-style-type: none"> - Clinical cardiology - Head echo department UMCU - Clinical counsellor cardio-oncology - Heart valve team

		- Echocardiographic guided valvular interventions
2012	-2015	AIOS Cardiology: Cardiology: University Medical Center, Utrecht, the Netherlands
		- Focusyear: non-invasive cardiac imaging
2011	(1 y)	AIOS Cardiology: Cardiology: Meander Medisch Centrum, Amersfoort, the Netherlands
2009	(2y)	AOIS Cardiology: Internal Medicine (nephrology / pulmonology / intensive care / acute internal medicine): Meander Medisch Centrum, Amersfoort, the Netherlands

Research experience

2021		<u>GCOR registry</u> In collaboration with the Cleveland Clinics (US). Global registry. Member of scientific and executive committee
2023		<u>Endorsement ESC Cardio-oncology guideline</u> by the Dutch Society of Cardiology Head of working group
2023/ present		<u>Working group Artillery project (EU Horizon funded)</u> AI in predicting cardiovascular events based on coronary calcium scoring in CT scans prior to radiotherapy in breast cancer
2022/ present		<u>CardioSwitch collaboration.</u> Multi-center, international collaboration to investigate the vascular toxicities of 5-FU treatment
2020		<u>Dutch Cardio-oncology working group</u> Head of working group
2019		<u>ONCOR registry (Dutch national cardio-oncology registry)</u>
2019	ECS-HFA	<u>HFA working group on non invasive imaging</u>
2020	ESC-EACVI	<u>Imaging tool-box cardiomyopathies</u>
2019/ present		<u>Working group (PI) CLARITY study:</u> a multicenter observational cohort study in NHL survivors. Imaging core lab
2018/ present		<u>Working group SKION LATER</u> Cardiac dysfunction in children with cancer and survivors and guidelines.
2017/ present		<u>Working group Bragatston study:</u> a multicenter historical cohort study on automated quantification of cardiovascular calcifications on radiotherapy planning CT scans for cardiovascular risk prediction in breast cancer patients
2018/ present		<u>Working group Netherlands ACM Registry / non-invasive imaging work-package</u> (www.acmregistry.nl)
2020/ 2023		PhD supervisor drs M. Printezi Title project: CIRCADIAN RHYTHMS IN CARDIO-ONCOLOGY. Funding: Dutch Heart foundation

2018/ 2021		PhD supervisor drs M. Linschoten Title project: RISK STRATIFICATION IN CARDIO-ONCOLOGY PATIENTS. PROFILING HIGH RISK INDIVIDUALS. Funding: Alexander Suerman research grand UMCU	
2018/ 2021		PhD supervisor: drs F Kirkels Title project: EXPLORING DEMOGRAPHIC CHARACTERISTICS IN ARVC PATIENTS. A MULTI-MODALITY APPROACH. Collaboration between Maastricht University, Oslo Universitetssykehus, Rikshospitalet and the UMCU Utrecht	
2018/ 2021	Completed	PhD supervisor: drs K. Taha Title project: DISEASE PROGRESSION IN ARVC AND PLN PATIENTS. OPTIMIZING IMAGING TECHNIQUES TO PREDICT OUTCOME. <i>Funding: PLN foundation</i> <i>PhD defense 24-5-2022</i>	
2016/ 2020		PhD supervisor drs B. Klarenbosch: Title project: STEM CELL THERAPY IN ISCHEMIC NON-TREATABLE CARDIAC DISEASE (SCIENCE TRIAL). Work package: non invasive imaging. Funding: Horizon 2020 grant	
2017/ 2020	Completed	PhD supervisor drs J. Kamphuis: Title project: NEW HORIZONS IN CARDIO-ONCOLOGY. IMPROVING CARDIAC SCREENING AND FOLLOW UP MANAGEMENT AFTER CARDIOTOXIC CHEMOTHERAPY. Funding: private funding by Ronald McDonald foundation	
2013/ 2017	Completed	PhD supervisor dr T Mast: Title project: ECHOCARDIOGRAPHIC DEFORMATION CHARACTERISTICS IN ARRHYTHMOGENIC RIGHT VENTRICULAR CARDIOMYOPATHY. PhD defense 2-2-2017	
2009	(1 y)	Post-doc, Department of imaging and cardiovascular dynamics, KU Leuven, Belgium. Project title: Echocardiographic deformation imaging and preload changes, moving towards a reliable assessment of left ventricular contractility. Funding: personal research grant by the <i>EACVI</i>	

2006 2008	(2.5 y)	<p>Research fellow (PhD), UMCU, dept non-invasive cardiac imaging.</p> <p>1. PhD-research non invasive cardiac imaging:</p> <p>“ECHOCARDIOGRAPHIC QUANTIFICATION OF REGIONAL RIGHT VENTRICULAR SYSTOLIC FUNCTION”</p> <p>2. Supervising medical students during their scientific internship.</p> <p>3. Training PhD-students and sonographers in deformation imaging.</p>	
2008	- present	<p>Reviewer –</p> <p>European Heart Journal</p> <p>European Journal of Cardiovascular Imaging,</p> <p>European Journal of Heart Failure,</p> <p>Journal of the American Society of Echocardiography,</p> <p>Journal of the American College of Cardiology (JACC)</p> <p>JACC – cardiovascular imaging,</p> <p>Cancers</p> <p>Cardiovascular Ultrasound</p> <p>Netherlands Heart Journal.</p>	

Focus points

1. Non-invasive imaging

I am the head of the echo-departments since obtaining my cardiology degree in 2016. I am responsible for the planning in the echo-lab, protocol development, the education of the technicians, residents (AIOS), research fellows and clinical fellows I have an active role in the collaboration with the department of radiology and nuclear medicine with the interpretation and reporting of cardiac MRI, CT and SPECT/PET.

2. Cardio-oncology

Since 2015 I have set up, in collaboration with the department of haematology and oncology, a specialized outpatient clinic to screen and treat patients receiving (or having received in the past) cardiotoxic chemotherapy. This specialized outpatient clinic has been the first in the Netherlands. I currently see over 10 unique cardio-oncology patients per week. The protocol I have designed is currently being implemented in 12 other institutions. We have launched the multi-center registry ONCOR in 2019, already including over 1000 unique patients. I am currently employed by the Princess Maxima Center in Utrecht managing cardiovascular complications in the adults after childhood cancer (LATER initiative). Our experiences has recently led to the cardio-oncology symposium I organized at the UMCU in 2018 and a virtual cardio-oncology symposium in 2021. I am the first in the country to obtain the ICOS cardio-oncology certification after passing the board examination in 2021 and also supervising the first cardio-oncology fellowship in the Netherlands. The UMCU has been awarded the gold status by ICOS as a clinical Center of Excellence, currently one of the 15 centers worldwide to achieve such a status

3. Valvular heart disease & Echo-guided interventions

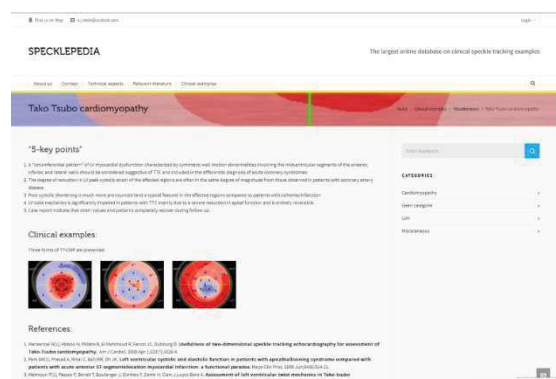
I have an active role in the weekly heart valve team and in the endocarditis team where the patients with difficult valvular heart disease are discussed from the region. I perform second opinion consultations at my outpatient clinic for these cases and perform additional imaging (TOE and/or stress imaging) in specific cases.

I am part of the MitraClip and TAVI team as the main imaging cardiologist. I have assisted in over 100 MitraClip cases, over 100 TAVI patients and a variety of other procedures (PVL, balloon valvuloplasty). I am the only cardiologist ever to have successfully performed a TTE guided MitraClip placement. I am also responsible for the assessment of valvular intervention on the operating theatre

4. Advanced echocardiography & imaging cardiomyopathy

My focus, in addition to heart valve and 3D imaging, is deformation echocardiography. My mission is further improve this technique in the (pre)clinical field and to unravel specific disease entities by studying the myocardial mechanical behaviour by this technique.

The end-goals is to implement this technique in the clinical field to aid in the clinical decision making (improving diagnosis, predicting prognosis, evaluating therapeutic interventions). I have designed an open access website dedicated to clinical speckle tracking echocardiography. The aim is to provide clear examples on typical findings by 2D strain analysis by providing illustrative examples: <http://www.SPECKLEPEDIA.com>



Publications (see publication list)

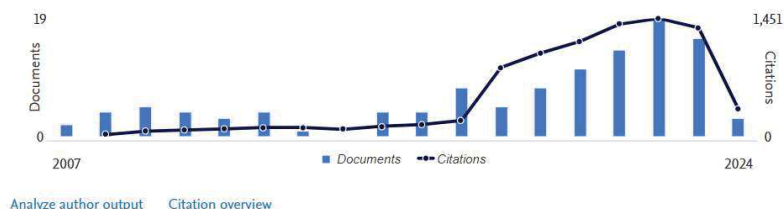
- International journals: 99

- National journals: 9

H-factor: 29



Document & citation trends



Teaching - presentations

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- Invited lectures EuroEcho
 - 2019: Risk prediction in ACM
 - 2011: Can loading modulation be used to estimate contractility in individual patients?
 - 2011: Novel echocardiographic modalities in the assessment of athlete's heart.
 - EuroEcho Young investigator award
 - 2011: Early detection of regional functional abnormalities in asymptomatic ARVD/C gene carriers using echocardiographic deformation imaging.
 - 2016: Echocardiographic deformation imaging and computer simulation for electromechanical substrate characterization in arrhythmogenic right ventricular cardiomyopathy
 - Invited lectures Myocardial deformation course, Leuven, Belgium
 - 2007: Quantitative echocardiography in athletes
 - 2008: Quantification of Right Ventricular Function in Arrhythmogenic Right Ventricular Dysplasia
 - 2009: Strain in the dilated right ventricle of athletes
 - 2009: LV (dys-)function in patients with ARVD/C
 - 2010: Preload recruitable strain – Does it tell about contractility?
 - 2016: Cracking the code of electrical-mechanical discoordination in ARVC – A Clinical perspective
 - 2020: Deformation imaging characteristics in genetic cardiomyopathy
 - Invited lectures “Tilburg echo dagen”
 - 2010: Echocardiographic evaluation of the LBBB patients
 - 2011: Echocardiography in ARVD/C
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- 2014: Basics and practical guide to deformation imaging
 - 2016: Deformation imaging: clinical implications
 - 2017: Echocardiography in athletes
 - 2018: Cardio-oncology
 - 2021: PVC and echo
 - 2022: Aortic valve stenosis, when it gets difficult
 - Invited lectures Haga echo-course
 - 2018-2024: workshops advanced echocardiography
 - 2019: Lecture: Cardio-oncology + workshops advanced echo
 - 2020: Lecture: Clinical applications of strain imaging + workshops advanced echo
 - 2021: Lecture: constrictive pericarditis
 - 2022: lecture: Aortic valve stenosis, difficult cases
 - 2023: Lecture: Cardiac involvement in systemic diseases
 - Invited lectures CVOI courses
 - 2007: Echocardiographic Quantification of Right Ventricular Function in athletes
 - 2011: Echocardiography in ARVD/C, new developments
 - 2013: Practical evaluation of abnormalities in endurance athletes
 - 2015: New imaging possibilities of the right ventricle
 - 2016: Teaching sessions “junior kamerdag” (workshop 3D echo)
 - 2016: echocardiographic guiding in the cath-lab
 - 2016: Assessing mitral valve regurgitation
 - 2017: Mitral Valve disease
 - 2018: TAVI. Echocardiographic evaluation pre-, per-, and postoperative
 - 2018: Aortic valve interventions
 - 2019, 2020, 2021, 2022, 2023: BOC heart failure: cardio-oncology
 - 2019: Low-flow low gradient Aortic valve stenosis
 - 2020: Webinar CVOI: Cardio-oncology
 - 2020: Tour d-horizon: new frontiers in cardio-oncology
 - 2021: Heart failure symposium: imaging in heart failure patients
 - Invited lectures Netherlands Heart Days (2009-2017)
 - 2009: The Right Ventricle: Normal vs. Abnormal
 - 2009: Stress, strain, and speckle tracking
 - 2016: Cardio-oncology effects of cancer treatment. Echocardiographic evaluation

Other relevant invited lectures

- Invited lecture NVVC: guideline session on Cardio-oncology (2023)
 - invited lecture NVVC congress – non invasive imaging in the athlete (2017)
 - Invited lecture “mammasymposium” for nurses and other health care professionals: “cardiotoxicity in breast cancer patients” (2016)
 - Invited lecture V&VA (08-2017), cardio oncology health care pathway
 - Invited teaching course “oncology days”- late cardiovascular effects of cancer treatments (06-2017)
 - Invited lecture “genetic background in patients with cardiotoxicity after chemotherapy”. ESCI conference Padua, It (05-2017)
 - Invited lecture UMCG: advanced imaging in ARVC
 - Invited lecture and workshop ARVC and advance RV imaging at the university of Oslo Norway (04-2018)
 - Invited public lecture UMCU: women and heart disease: surviving breast cancer (2018)
 - Deformation imaging pro-contra. Twente’s echodagen (2019)
 - Deformation teaching course by Philips (2019, 2020, 2022, 2023)
 - 2019-09. Invited lecture at ESMO: cardiotoxicity of 5FU
 - 2018: setting up a cardio-oncology unit at 5 different regional symposia
 - 2019: setting up a cardio-oncology unit at 8 different regional symposia
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- 2020: setting up a cardio-oncology unit at 4 different regional symposia
 - 2019: AMC grand rounds: cardio-oncology
 - 2020-01: Dutch Hematology days: expert council cardiotoxicity of TKI
 - 2021-01 ICI toxicity (regional symposium)
 - 2021-03: webinar on cardio-oncology: haematology patient association
 - 2021-06: online symposium / webinar: cardio oncology
 - 2021-10: Belgium Young Cardiology symposium: cardio-oncology key note lecture
 - 2021-11: invited lecture NVVC: echocardiographic optimization in CRT patients
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Skills / Other

EACVI - TOE	2014	Certification in Adult Transoesophageal Echocardiography <ul style="list-style-type: none">- Section 1 – Reporting: 92%- Section 2 – Theory: 87%- Logbook (practical examination): pass
EACVI - TTE	2013	Certification in Adult Transthoracic Echocardiography <ul style="list-style-type: none">- Section 1 – Reporting: 90%- Section 2 – Theory: 86%- Logbook (practical examination): pass
Echocardiography		<ul style="list-style-type: none">- Conventional and SR-echocardiography performed in >3000 subjects.-TOE > 500 subjects with special focus on 3D imaging.- Imaging guiding MitraClip procedures UMCU (>200)- International renowned expertise on offline post processing techniques for deformation imaging (TDI and 2D-strain).
CMR	2015	<ul style="list-style-type: none">- CMR hands on course VU-MC Amsterdam
CT	2018	<ul style="list-style-type: none">- ACC/AHA level 2 certification (evaluation of coronary artery disease. Addition of advanced cardiac CT-applications, including stress perfusion and infarct imaging, congenital and valvular heart disease)
Languages		<ul style="list-style-type: none">Fluent in Dutch and EnglishLess fluent in German and French
ICT		<ul style="list-style-type: none">Microsoft software (Windows and Microsoft Office)Medical search engines (PubMed, Embase, Cochraine)Statistical software (SPSS 16.0, Microsoft Excel, R)Website designer (Wordpress)
Education	2005	Obtained qualification for teaching and testing medical students.
	2021	Supervising PhD students

- Publications in international journals

- 1) Koopsen T, Gerrits W, van Osta N, van Loon T, Wouters P, Prinzen FW, Vernooij K, Delhaas T, [Teske AJ](#), Meine M, Cramer MJ, Lumens J. Virtual pacing of a patient's digital twin to predict left ventricular reverse remodelling after cardiac resynchronization therapy. **Europace**. 2023 Dec 28;26(1):euae009.
- 2) Vernooij RWM, van Ommen ALN, Valstar GB, Cramer MJ, [Teske AJ](#), Menken R, Hofstra L, Rutten FH, Bots ML, den Ruijter HM, Verhaar MC. Association of mild kidney dysfunction with diastolic dysfunction and heart failure with preserved ejection fraction. **ESC Heart Fail**. 2024 Feb;11(1):315-326.
- 3) Naaktgeboren WR, Stuiver MM, van Harten WH, Aaronson NK, Scott JM, Sonke G, van der Wall E, Velthuis M, Leiner T, [Teske AJ](#), May AM, Groen WG. Effects of exercise during chemotherapy for breast cancer on long-term cardiovascular toxicity. **Open Heart**. 2023 Oct;10(2):e002464.
- 4) Rudiktyo E, Soesanto AM, Cramer MJ, Yonas E, [Teske AJ](#), Siswanto BB, Doevendans PA. Global Left Ventricular Myocardial Work Efficiency in Patients With Severe Rheumatic Mitral Stenosis and Preserved Left Ventricular Ejection Fraction. **J Cardiovasc Imaging**. 2023 Oct;31(4):191-199.
- 5) [Teske AJ](#), Moudgil R, López-Fernández T, Barac A, Brown SA, Deswal A, Neilan TG, Ganatra S, Abdel Qadir H, Menon V, Sverdlov AL, Cheng RK, Makhoul S, Ghosh AK, Szmit S, Zaha V, Addison D, Zhang L, Herrmann J, Chong JH, Agarwala V, Iakobishvili Z, Guerrero P, Yang EH, Leja M, Akhter N, Guha A, Okwuosa TM, Silva CC, Collier P, DeCara J, Bauer B, Lenneman CE, Sadler D. Global Cardio Oncology Registry (G-COR): Registry Design, Primary Objectives, and Future Perspectives of a Multicenter Global Initiative. **Circ Cardiovasc Qual Outcomes**. 2023 Oct;16(10):e009905.
- 6) Merckx R, Leerink JM, Feijen ELAM, de Baat EC, Bellersen L, Bresters D, van Dalen EC, van Dulmen-den Broeder E, van der Heiden-van der Loo M, van den Heuvel-Eibrink MM, Kok JL, Louwerens M, Maas AHM, Neggers SJM, Ronckers CM, Teepe JC, [Teske AJ](#), Tissing WJE, de Vries ACH, Weijers G, de Korte CL, Loonen J, Mavinkurve-Groothuis AMC, van der Pal HJH, Kremer LCM, Kok WEM, Kapusta L; Dutch LATER Study Group. Extensive Cardiac Function Analyses Using Contemporary Echocardiography in Childhood Cancer Survivors: A DCCSS LATER Study. **JACC CardioOncol**. 2023 Aug 15;5(4):472-485.
- 7) Kirkels FP, van Osta N, Rootwelt-Norberg C, Chivulescu M, van Loon T, Aabel EW, Castrini AI, Lie ØH, Asselbergs FW, Delhaas T, Cramer MJ, [Teske AJ](#), Haugaa KH, Lumens J. Monitoring of Myocardial Involvement in Early Arrhythmogenic Right Ventricular Cardiomyopathy Across the Age Spectrum. **J Am Coll Cardiol**. 2023 Aug 29;82(9):785-797.
- 8) Taha K, van de Leur RR, Vessies M, Mast TP, Cramer MJ, Cauwenberghs N, Verstraelen TE, de Brouwer R, Doevendans PA, Wilde A, Asselbergs FW, van den Berg MP, D'hooge J, Kuznetsova T, [Teske AJ](#), van Es R. Deep neural network-based clustering of deformation curves reveals novel disease features in PLN pathogenic variant carriers. **Int J Cardiovasc Imaging**. 2023 Nov;39(11):2149-2161.
- 9) Kirkels FP, Rootwelt-Norberg C, Bosman LP, Aabel EW, Muller SA, Castrini AI, Taha K, van Osta N, Lie ØH, Asselbergs FW, Lumens J, Te Riele ASJM, Hasselberg NE, Cramer MJ, Haugaa KH, [Teske AJ](#). The added value of abnormal regional myocardial function for risk prediction in arrhythmogenic

right ventricular cardiomyopathy. **Eur Heart J Cardiovasc Imaging**. 2023 Nov 23;24(12):1710-1718.

- 10) van Ommen AM, Diez Benavente E, Onland-Moret NC, Valstar GB, Cramer MJ, Rutten FH, [Teske AJ](#), Menken R, Hofstra L, Tulevski II, Sweitzer N, Somsen GA, den Ruijter HM. Plasma Proteomic Patterns Show Sex Differences in Early Concentric Left Ventricular Remodeling. **Circ Heart Fail**. 2023 Jul;16(7):e010255.
- 11) Bergamaschi L, Pavon AG, Angeli F, Tuttolomondo D, Belmonte M, Armillotta M, Sansonetti A, Foà A, Paolisso P, Baggiano A, Mushtaq S, De Zan G, Carriero S, Cramer MJ, [Teske AJ](#), Broekhuizen L, van der Bilt I, Muscogiuri G, Sironi S, Leo LA, Gaibazzi N, Lovato L, Pontone G, Pizzi C, Guglielmo M. The Role of Non- Invasive Multimodality Imaging in Chronic Coronary Syndrome: Anatomical and Functional Pathways. **Diagnostics** (Basel). 2023 Jun 16;13(12):2083.
- 12) Ehrhardt MJ, Leerink JM, Mulder RL, Mavinkurve-Groothuis A, Kok W, Nohria A, Nathan PC, Merkx R, de Baat E, Asogwa OA, Skinner R, Wallace H, Lieke Feijen EAM, de Ville de Goyet M, Prasad M, Bárdi E, Pavasovic V, van der Pal H, Fresneau B, Demoor-Goldschmidt C, Hennewig U, Steinberger J, Plummer C, Chen MH, [Teske AJ](#), Haddy N, van Dalen EC, Constine LS, Chow EJ, Levitt G, Hudson MM, Kremer LCM, Armenian SH. Systematic review and updated recommendations for cardiomyopathy surveillance for survivors of childhood, adolescent, and young adult cancer from the International Late Effects of Childhood Cancer Guideline Harmonization Group. **Lancet Oncol**. 2023 Mar;24(3):e108-e120.
- 13) Punt CJA, Heinemann V, Maughan T, Cremolini C, Van Cutsem E, McDermott R, Bodoky G, André T, Osterlund P, [Teske AJ](#), Pfeiffer P. Fluoropyrimidine-induced hand-foot syndrome and cardiotoxicity: recommendations for the use of the oral fluoropyrimidine S-1 in metastatic colorectal cancer. **ESMO Open**. 2023 Apr;8(2):101199.
- 14) Sadler D, Okwuosa T, [Teske AJ](#), Guha A, Collier P, Moudgil R, Sarkar A, Brown SA. Cardio oncology: Digital innovations, precision medicine and health equity. **Front Cardiovasc Med**. 2022 Nov 3;9:951551.
- 15) [Teske AJ](#). The ESC cardio-oncology 2022 guidelines; the ball is in our court. **Eur Heart J Cardiovasc Imaging**. 2023 Feb 17;24(3):e45-e46.
- 16) Yousif LI, Tanja AA, de Boer RA, [Teske AJ](#), Meijers WC. The role of immune checkpoints in cardiovascular disease. **Front Pharmacol**. 2022 Oct 3;13:989431.
- 17) Brown SA, Berman G, Logan J, Sadler D, Moudgil R, Patel B, Scherrer-Crosbie M, Addison D, Cheng RK, [Teske AJ](#). Leveraging innovation, education, and technology for prevention and health equity: Proceedings from the cardiology oncology innovation ThinkTank 2021. **Front Cardiovasc Med**. 2022 Sep 29;9:982021.
- 18) Figliozzi S, Georgiopoulos G, Lopes PM, Bauer KB, Moura-Ferreira S, Tondi L, Mushtaq S, Censi S, Pavon AG, Bassi I, Servato ML, [Teske AJ](#), Biondi F, Filomena D, Pica S, Torlasco C, Muraru D, Monney P, Quattrocchi G, Maestrini V, Agati L, Monti L, Pedrotti P, Vandenberg B, Squeri A, Lombardi M, Ferreira AM, Schwitter J, Aquaro GD, Chiribiri A, Rodríguez Palomares JF, Yilmaz A, Andreini D, Florian A, Leiner T, Abecasis J, Badano LP, Bogaert J, Masci PG. Myocardial Fibrosis at Cardiac MRI Helps Predict Adverse Clinical Outcome in Patients with Mitral Valve Prolapse. **Radiology**. 2023 Jan;306(1):112-121.

- 19) Verheul LM, Groeneveld SA, Kirkels FP, Volders PGA, [Teske AJ](#), Cramer MJ, Guglielmo M, Hassink RJ. State-of-the-Art Multimodality Imaging in Sudden Cardiac Arrest with Focus on Idiopathic Ventricular Fibrillation: A Review. **J Clin Med**. 2022 Aug 10;11(16):4680.
- 20) Groeneveld SA, Kirkels FP, Cramer MJ, Evertz R, Haugaa KH, Postema PG, Prakken NHJ, [Teske AJ](#), Wilde AAM, Velthuis BK, Nijveldt R, Hassink RJ. Prevalence of Mitral Annulus Disjunction and Mitral Valve Prolapse in Patients With Idiopathic Ventricular Fibrillation. **J Am Heart Assoc**. 2022 Aug 16;11(16):e025364.
- 21) Merckx R, Feijen ELAM, Leerink JM, de Baat EC, Bellersen L, van Dalen EC, van Dulmen-den Broeder E, van der Heiden-van der Loo M, van den Heuvel-Eibrink MM, de Korte CL, Loonen J, Louwerens M, Ronckers CM, [Teske AJ](#), Tissing WJE, de Vries ACH, Mavinkurve-Groothuis AMC, van der Pal HJH, Weijers G, Kok WEM, Kremer LCM, Kapusta L; Dutch LATER Study Group. Cardiac function in childhood cancer survivors treated with vincristine: Echocardiographic results from the DCCSS LATER 2 CARD study. **Int J Cardiol**. 2022 Dec 15;369:69-76.
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- Book chapters

- 1) Cardiac MRI in diagnosis, clinical management and prognosis of arrhythmogenic right ventricular dysplasia/cardiomyopathy

Chapter 12. Echocardiography applications in diagnosis and management of patients with ARVC.

- 2) Practical Echocardiography

Chapter 7 Strain echocardiography