

ESC Declaration of Interest Report

2023 ESC Guidelines for the management of endocarditis

The ESC reviews relationships with industry and encourages transparency and ethical integrity.

It is mandatory for all experts involved in the development of ESC Guidelines to comply with the ESC Declaration and Management of Conflict of Interest Policy. Under this policy, they are required to submit yearly Declaration of Interest (DOI) forms during the writing and reviewing phases of the Guidelines.

All DOIs presented in this report were assessed prior to work commencing and during the development of the work, according to the applicable review criteria in place at the time and as defined in the ESC Declaration and Management of Conflict of Interest Policy, Annex 3.

The most up-to-date version of the policy and its annexes are available on the ESC website at www.escardio.org/DOI.

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Expert	Type of Relationship with Industry
Ajmone Marsan Nina	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. GE Healthcare : echocardiography Abbott Vascular : Mitral and tricuspid regurgitation</p>
	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Philips : Ultrasound GE Healthcare : Ultrasound Abbott Vascular : Valvular Heart Disease and Heart Failure</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Alnylam : Cardiac amyloidosis</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. GE Healthcare : Echocardiography Philips Ultrasound : Echocardiography Abbott Vascular : Valvular Heart Disease</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Pfizer : prospective study on cardiac amyloidosis patients, principal investigator Alnylam : retrospective study on cardiac amyloidosis patients, principal investigator</p>
Bonaros Nikolaos	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : surgical, transcatheter valves</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : surgical and transcatheter valves Medtronic : surgical and transcatheter valves Abbott Vascular : surgical and transcatheter valves</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Edwards Lifesciences : surgical and transcatheter valves</p>

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Expert	Type of Relationship with Industry
Bonaros Nikolaos	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : Valvular Heart Disease Medtronic : Valvular Heart Disease / Coronary Surgery</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Abbott : Valvular Heart disease Edwards Lifesciences : Valvular Heart disease Medtronic : Valvular Heart Disease</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Edwards Lifesciences : Valvular Heart Disease</p>
	<p>2022</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : Valvular Heart Disease Medtronic : Valvular Heart Disease</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Edwards Lifesciences : Imaging research on transcatheter valves, Educational programs on Structural Valve disease, Principal Investigator</p>
Borger Michael A	<p>2020</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Cryolife : aortic surgery Abbott : heart valve therapy Edwards Lifesciences : heart valve therapy Medtronic : heart valve therapy</p>

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Expert	Type of Relationship with Industry
Borger Michael A	2021 Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Cryolife : aortic surgery Abbott : heart valve therapy Edwards Lifesciences : heart valve therapy Medtronic : heart valve therapy
	2022 Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Artivion (formerly CryoLife) : Diseases of the Aorta Abbott : Valvular Heart Disease Edwards Lifesciences : Valvular Heart Disease Medtronic : Valvular Heart Disease
Brida Margarita	2020 Nothing to be declared
	2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Krka Pharma : Adult congenital heart disease education webinar
	2022 Nothing to be declared

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Expert	Type of Relationship with Industry
Burri Haran	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boston Scientific : CIED consultancy Abbott : CIED education Medtronic : CIED education Biotronik : CIED education</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Abbott : CIED Boston Scientific : CIED Medtronic : CIED Biotronik : CIED</p>
	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boston Scientific : CIED consultancy Abbott : CIED education Medtronic : CIED education Biotronik : CIED education Microport : CIED education</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Abbott : CIED Boston Scientific : CIED Medtronic : CIED Biotronik : CIED</p>

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Expert	Type of Relationship with Industry
Burri Haran	<p>2022 Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Abbott : Device Therapy Boston Scientific : Device Therapy Medtronic : Device Therapy Biotronik : Device Therapy Microport : Device Therapy</p>
Caselli Stefano	<p>2020 Nothing to be declared</p> <p>2021 Nothing to be declared</p> <p>2022 Nothing to be declared</p>
de Waha Suzanne	<p>2020 Nothing to be declared</p> <p>2021 Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Membership German Cardiac Society</p> <p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Zoll Medical : Interventional Cardiology</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Zoll Medical : Interventional Cardiology</p> <p>Membership or affiliation in political or advocacy groups working in the field of cardiology. German Cardiac Society</p>

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Expert	Type of Relationship with Industry
Delgado Victoria	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Medtronic : aortic stenosis (speaker fee in 2019 <1000 euro) MSD : diabetes - speaker fee (800 euro) GE Healthcare : echocardiography (<2000 euro) Novartis : heart failure (speaker fee 800 euro) Abbott Vascular : Mitral valve disease (<2000 euro) Edwards Lifesciences : valvular heart disease (<2000 euro)</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). GE Healthcare : echocardiography Edwards Lifesciences : tricuspid valve disease</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. Member of AHA, associate editor of Circulation and JASE</p>
	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Medtronic : aortic stenosis (speaker fee in 2019 <1000 euro) GE Healthcare : echocardiography (<2000 euro) Abbott Vascular : Mitral valve disease (<2000 euro) Edwards Lifesciences : valvular heart disease (<2000 euro)</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). GE Healthcare : echocardiography Edwards Lifesciences : tricuspid valve disease</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. Member of AHA, associate editor of Circulation and JASE</p>

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Expert	Type of Relationship with Industry
Delgado Victoria	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Novartis : Chronic Heart Failure Novo-Nordisk : Chronic Heart Failure Philips : Echocardiography Edwards Lifesciences : Interventional Cardiology Medtronic : Interventional Cardiology</p> <p>Membership or affiliation in political or advocacy groups working in the field of cardiology. Senior Editor of Circulation AHA member</p>
Doenst Torsten	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Abbott : Cardiac surgery</p> <p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : Consulting RHEIA trial Dr. Franz Köhler Chemie GmbH : lecture Abbott : Presentations on Epic Valve Prothesis Medtronic : Webinar minimally invasive cardiac surgery</p> <p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Dr. Franz Köhler Chemie GmbH : Cardiovascular Surgery Abbott : Valvular Heart Disease Edwards Lifesciences : Valvular Heart Disease Medtronic : Valvular Heart Disease</p>

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Expert	Type of Relationship with Industry
Ederhy Stephane	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Philips : Imaging technology Siemens Healthcare : Imaging technology General Electric : Imaging technology Amgen : Pharmaceutical Industry Pfizer : Pharmaceutical Industry Bayer Healthcare : Pharmaceutical Industry Ipsen : Pharmaceutical Industry BMS : Pharmaceutical Industry</p>
	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Amgen : Pharmaceutical Industry Pfizer : Pharmaceutical Industry Pierre-Fabre : pharmaceutical industry Ipsen : Pharmaceutical Industry BMS : Pharmaceutical Industry</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. BMS : Atrial Fibrillation (AF) Eisai : Cardiovascular Disease in Special Populations Pierre-Fabre : Pharmacology and Pharmacotherapy Amgen : Risk Factors and Prevention, Cardiovascular Disease in Special Populations Pfizer : Stroke, Atrial Fibrillation (AF)</p>

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Expert	Type of Relationship with Industry
Erba Paola Anna	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. GE Healthcare : diagnostics and equipments Philogen SpA : Target therapy</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Sigma Tau : diagnostic agents Philogen SpA : target therapy</p> <p>Receipt of royalties for intellectual property. Springer : education</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Pfizer : amyloidosis Philogen : target therapy</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. EANM Board Member (Educational Chair)</p>
	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. GE Healthcare : diagnostics and equipments Philogen SpA : Target therapy</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Sigma Tau : diagnostic agents Philogen SpA : target therapy</p> <p>Receipt of royalties for intellectual property. Springer : education</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Pfizer : amyloidosis Philogen : target therapy</p>

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Expert	Type of Relationship with Industry
Erba Paola Anna	2021 Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. EANM Board Member (Educational Chair)
	2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. GE Healthcare : Nuclear Imaging, Hybrid and Fusion Imaging, Cross-Modality and Multi-Modality Imaging Topics Philogen SpA : Other Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Philogen SpA : Other Receipt of royalties for intellectual property. Springer : Nuclear Imaging, Hybrid and Fusion Imaging, Cross-Modality and Multi-Modality Imaging Topics, Research Methodology, Training and Education, Other Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Philogen : clinical trial, PI Phentixapharm : Clinical Trial, Site investigator Pfizer : Educational grant, co-PI Membership or affiliation in political or advocacy groups working in the field of cardiology. EANM, ASNM, IAEA
Foldager Dan	2020 Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Private member of the danish heart association ("Hjerteforeningen") for whom I work as a volunteer (mentoring patients, patient supporter at Herlev Hospital, speaker a.o.)
	2021 Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Member of Hjerteforeningen (Danish heart organisation for patients a.o.) and works as a volunteering Patient Supporter at Rigshospitalet-Herlev (approx 10-16 times a year, 2 hours at a time).
	2022 Nothing to be declared
Fosbol Emil	2020 Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. I am a member of the Danish Heart Association

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Expert	Type of Relationship with Industry
Fosbol Emil	<p>2021 Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. I have received independent research funding from independent foundations: The Novo Nordisk Foundation and the Lundbeck Foundation</p>
	<p>2022 Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. I have received independent research funding from foundations: The Novo Nordisk Foundation, The Danish Heart Association, and the University Hospital of Copenhagen, Rigshospitalet's research Foundation</p>
Kovac Jan	<p>2020 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boston Scientific : proctor Edwards Lifesciences : proctor Medtronic : proctor</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Boston Scientific : research HighLife : valvular interventions</p> <p>Research funding (personal) from healthcare industry. Medtronic : structural interventions</p>
	<p>2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : cardaic interventions Boston Scientific : interventional cardiology Medtronic : interventional cardiology</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Boston Scientific : LAA closure, TAVI</p>
	<p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boston Scientific : Atrial Fibrillation (AF), Valvular Heart Disease, Interventional Cardiology Edwards Lifesciences : Valvular Heart Disease Medtronic : Valvular Heart Disease</p>

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Expert	Type of Relationship with Industry
Mestres Carlos A	<p>2020 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : Clinical Events Committee (CEC) Cytosorbents Inc : Speaker fees</p>
	<p>2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : Clinical Events Committee (CEC) Cytosorbents Inc : Speaker fees</p>
	<p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Cytosorbents Inc : Cardiovascular Surgery Edwards Lifesciences : Other</p>
Miller Owen	<p>2020 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Philips : 3D echo Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Scientific Advisory Board - Societi (Kawasaki Disease foundation)</p>
	<p>2021 Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Scientific Advisory Board - Societi (Kawasaki Disease foundation)</p>
	<p>2022 Nothing to be declared</p>

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Expert	Type of Relationship with Industry
Miro Jose M	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Gilead : Infectious Diseases Merck Sharp & Dohme : Infectious Diseases Lysovant : Infectious Diseases</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). ViiV Healthcare : HIV/AIDS Pfizer : Infectious Diseases Merck Sharp & Dohme : Infectious Diseases Angelini : Infectious Diseases Contrafect : Infectious Diseases</p> <hr/> <p>2021</p> <p>Nothing to be declared</p> <hr/> <p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Gilead Sciences : Other Moderna : Other</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Gilead Sciences, MSD, and ViiV Healthcare : Other</p>
Pazdernik Michal	<p>2020</p> <p>Nothing to be declared</p> <hr/> <p>2021</p> <p>Employment in healthcare industry (including part time) during the year for which you are declaring. Direct personal payment from Wondr Medical (Reachora limited) as a medical consultant - providing a medical content.</p> <hr/> <p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Reachora limited - Wondr medical : Training and Education</p> <p>Employment (including part time) in healthcare industry during the year for which you are declaring. Reachora limited - Wondr medical : Consultatnt</p>

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Expert	Type of Relationship with Industry	
Pizzi Maria Nazarena	2020	Travel and meeting support from healthcare industry, independent of the above activities. GE Healthcare : ICNC21 - Meeting support
	2021	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. General Electric : Speaker fee - Webinar: SPECT tests and regadenoson
	2022	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Nuclear Imaging
Quintana Eduard	2020	Nothing to be declared
	2021	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Atricure : Participation as Faculty. Payment 1000 Euros. Medtronic : Speaker fee. Topic: Minimally invasive myectomy for HOCM. That was during the MICS. Symposium. Payment 1100 Euros.
	2022	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Atricure : Atrial Fibrillation (AF)
Rasmussen Trine Bernholdt	2020	Nothing to be declared
	2021	Nothing to be declared
	2022	Nothing to be declared

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Expert	Type of Relationship with Industry
Ristic Arsen	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Actavis : Heart failure Astra Zeneca : Heart Failure (Forxiga) Boehringer-Ingelheim : Heart Failure (Jardiance) Merck Sharp & Dohme : Pulmonary hypertension Hemofarm Stada : Pulmonary hypertension Pfizer : Pulmonary hypertension, TTR Amyloidosis</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Hemofarm Stada : Pulmonary hypertension Pfizer : Pulmonary hypertension, TTR Amyloidosis</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). CSL Behring : Cardiovascular risk - Secondary prevention Pfizer : Pulmonary hypertension United Therapeutics : Pulmonary hypertension</p> <p>Research funding (personal) from healthcare industry. Resverlogix : Cardiovascular Events in High-Risk T2DM Subjects With CAD CSL Behring : Cardiovascular Risk Novo-Nordisk : Obesity Pfizer : Pulmonary hypertension Arena/United Therapeutics : Pulmonary Hypertension</p>

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Expert	Type of Relationship with Industry
Ristic Arsen	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Takeda Pharmaceuticals : Fabry disease Novartis : Heart failure Berlin Chemie AG : Heart failure Actavis : Heart failure Astra Zeneca : Heart Failure (Forxiga) Boehringer-Ingelheim : Heart Failure (Jardiance) Janssen-Cilag : Pulmonary hypertension Merck Sharp & Dohme : Pulmonary hypertension Sandoz : Pulmonary hypertension Hemofarm Stada : Pulmonary hypertension Pfizer : Pulmonary hypertension, TTR Amyloidosis</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). CSL Behring : Cardiovascular risk - Secondary prevention Janssen-Cilag : Pulmonary hypertension Pfizer : Pulmonary hypertension United Therapeutics : Pulmonary hypertension GossamerBio : Pulmonary hypertension</p> <p>Research funding (personal) from healthcare industry. Novo-Nordisk : Obesity Pfizer : Pulmonary hypertension Arena/United Therapeutics : Pulmonary Hypertension</p>

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Expert	Type of Relationship with Industry
Ristic Arsen	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Chronic Heart Failure Boehringer-Ingelheim : Chronic Heart Failure Novartis : Chronic Heart Failure Actavis : Chronic Heart Failure Novo-Nordisk : Coronary Artery Disease (Chronic) / Chronic Coronary Syndromes (CCS) Pfizer : Myocardial Disease Takeda Pharmaceuticals : Myocardial Disease Janssen-Cilag : Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure Merck Sharp & Dohme : Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure Hemofarm Stada : Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Janssen-Cilag : Pulmonary hypertension clinical trial, Principal investigator Pfizer : Pulmonary hypertension clinical trial, Principal investigator United Therapeutics : Pulmonary hypertension clinical trial, Principal investigator</p> <p>Research funding (personal) from healthcare industry. Boehringer-Ingelheim : Empagliflozin after ACS, Principal investigator Novo-Nordisk : GLP1 RA clinical trial, Principal investigator Novartis : Inclisiran clinical trial, National coordinator and PI</p>

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Expert	Type of Relationship with Industry
Rodes-Cabau Josep	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. V-Wave : Heart failure Edwards Lifesciences : TAVI Medtronic : TAVI</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Abbott Vascular : PFO closure Edwards Lifesciences : TAVI Medtronic : TAVI Boston Scientific : TAVI, LAAC</p>
	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. V-Wave : Heart Failure Boston Scientific : TAVI Edwards Lifesciences : TAVI Medtronic : TAVI</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Boston Scientific : LAAC Abbott Vascular : PFO Edwards Lifesciences : TAVI Medtronic : TAVI</p>

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Expert	Type of Relationship with Industry
Rodes-Cabau Josep	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. V-Wave : Chronic Heart Failure Abbott : Interventional Cardiology Edwards Lifesciences : Valvular Heart Disease Medtronic : Valvular Heart Disease</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Medtronic : Interventional Cardiology Edwards Lifesciences : Valvular Heart Disease</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). V-Wave : Principal investigator, Principal investigator Edwards Lifesciences : Research activities, trials, fellowship program, Principal investigator Medtronic : Research activities, trials, fellowship program, Principal investigator Boston Scientific : Research project, Principal investigator Abbott : Research project, trials, Principal investigator</p>
Sionis Alessandro	<p>2020</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Sanofi Aventis : Acute coronary syndromes Daiichi Sankyo : Lipids</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Daiichi Sankyo : Lipids</p>

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Expert	Type of Relationship with Industry
Sionis Alessandro	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Anticoagulants Amgen : Lipids treatment Daiichi Sankyo : Lipids treatment Servier : Lipids treatment Sanofi Aventis : Lipids treatment</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Pfizer : National congress</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Daiichi Sankyo : Acute Coronary Syndromes Sanofi Aventis : Acute Coronary Syndromes Pfizer : Atrial Fibrillation (AF) Amgen : Risk Factors and Prevention Servier : Risk Factors and Prevention</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. UEMS Cardiology Vicepresident</p>
Zuhlke Liesl	<p>2020</p> <p>Receipt of royalties for intellectual property. UpToDate : Rheumatic Heart Disease</p> <p>Employment in healthcare industry (including part time) during the year for which you are declaring. Employed by Red Cross Childrens Hospital</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Member/International advisory committee of Global Arch and childrens heart link</p>
	<p>2021</p> <p>Receipt of royalties for intellectual property. Up to Date : Rheumatic Heart Disease</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. board member of WHF and NCDA</p>

2023 ESC Guidelines for the management of endocarditis - Task Force members

For ESC Guidelines: The report below lists declarations of interest as reported to the ESC by the experts during the yearly call for declaration conducted every January covering the previous calendar year. The calls for declaration are conducted during the period of development of these guidelines up to and including 2022.

Expert	Type of Relationship with Industry
Zuhlke Liesl	2022 Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. UpToDate : Other

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Expert	Type of Relationship with Industry	
Abdelghani Mohammad	2021	Nothing to be declared
	2022	Nothing to be declared
Abdelhamid Magdy	2021	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bayer AG : Advisory board fees Astra Zeneca : speaker fees Boehringer-Ingelheim : speaker fees Novartis : speaker fees
	2022	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bayer AG : Chronic Heart Failure Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Pfizer : Grant for the cardiology department Cairo University for research project : Screening for cardiac amyloidosis in patients with unexplained LVH , Principal investigator
Adamo Marianna	2021	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Medtronic : SPEAKER FEES Abbott Vascular : SPEAKER FEES
	2022	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Medtronic : Valvular Heart Disease Abbott Vascular : Valvular Heart Disease
Antunes Manuel	2021	Nothing to be declared
	2022	Nothing to be declared
Asteggiano Riccardo	2021	Receipt of royalties for intellectual property. Council of Cardio-Oncology ESC : cardio-oncology
	2022	Nothing to be declared

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Expert	Type of Relationship with Industry	
Aune Erlend	2021	Nothing to be declared
	2022	Nothing to be declared
Babur Guler Gamze	2021	<p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Daiichi Sankyo : Echocardiography course</p> <p>Employment in healthcare industry (including part time) during the year for which you are declaring. Abbott Mitraclip Proctor</p>
	2022	Nothing to be declared
Baddour Larry	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boston Scientific : CIED Infections UpToDate, Inc. : Infectious Diseases Roivant Sciences : Phage Therapy</p>
	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boston Scientific : Device Therapy Roivant Sciences : Other UpToDate, Inc. : Other</p>
Bajraktari Gani	2021	Nothing to be declared
	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Krka Pharma : Risk Factors and Prevention</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Krka Pharma : Hypertension</p>

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Expert	Type of Relationship with Industry
Barta Judit	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : anticoagulation Servier : antithrombotic therapy Astra Zeneca : antithrombotic therapy, diabetes and heart failure, kidney and heart failure Egis Pharma : Chronic coronary sy Boehringer-Ingelheim : diabetes and heart failure Novartis : heart failure Richter : heart failure</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Novartis : PARADISE Study (heart failure)</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Biosensors : interventional cardiology meeting Medtronic : interventional training Vascular solutions : interventional training Egis Pharma : National cardiology congress Pfizer : NOAC webinar, ESC webinar Actelion : PAH webinar</p>

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Expert	Type of Relationship with Industry	
Barta Judit	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Atrial Fibrillation (AF) Bayer : Atrial Fibrillation (AF), Chronic Heart Failure Boehringer-Ingelheim : Atrial Fibrillation (AF), Chronic Heart Failure Astra Zeneca : Chronic Heart Failure Novartis : Chronic Heart Failure Servier : Coronary Artery Disease (Chronic) / Chronic Coronary Syndromes (CCS) Richter : Hypertension Egis Pharma : Hypertension, Risk Factors and Prevention</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Novartis : Chronic Heart Failure</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Pfizer : Atrial Fibrillation (AF) Biosensors : Interventional Cardiology Medtronic : Interventional Cardiology Biotronik : Interventional Cardiology Vascular solutions : Interventional Cardiology Egis Pharma : Risk Factors and Prevention</p>
Benchabi Yasmina	2021	Nothing to be declared
	2022	Nothing to be declared
Bendriss Laila	2021	Nothing to be declared
	2022	Nothing to be declared
Bervar Mojca	2021	Nothing to be declared

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Expert	Type of Relationship with Industry	
Bervar Mojca	2022	Travel and meeting support from healthcare industry, independent of the above activities. Abbott Vascular : Training and Education
Bini Roberto	2021	Nothing to be declared
	2022	Nothing to be declared
Cassar Demarco Daniela	2021	Nothing to be declared
	2022	Nothing to be declared
Celutkiene Jelena	2021	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : anticoagulation Boehringer-Ingelheim : heart failure Novartis : heart failure Bayer Healthcare : heart failure Astrazeneca : heart failure
	2022	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Cardiovascular Disease in Special Populations Boehringer-Ingelheim : Chronic Heart Failure Novartis : Chronic Heart Failure Bayer Healthcare : Chronic Heart Failure Astrazeneca : Chronic Heart Failure
Chambers John	2021	Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : Echocardiographic assessment of prosthetic valves
	2022	Membership or affiliation in political or advocacy groups working in the field of cardiology. Council member of the British Heart Valve Society
Cherniuk Sergii	2021	Nothing to be declared

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Expert	Type of Relationship with Industry	
Cherniuk Sergii	2022	Nothing to be declared
Chilingaryan Aram	2021	Nothing to be declared
	2022	Nothing to be declared
Christersson Christina	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boehringer-Ingelheim : Advisory board heart failure Bristol Myers Squibb : Speakers fees Cardiovascular prevention Astra Zeneca : Speakers fees Heart failure Novartis : Speakers fees heart failure and cardiovascular prevention Bayer : Speakers fees valvular diseases</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Novartis : Investigator in clinical trial heartfunction post MI Pfizer : Registerbased study in valvular heart disease</p>
	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bristol Myers Squibb : Atrial Fibrillation (AF) Astra Zeneca : Chronic Heart Failure Boehringer-Ingelheim : Chronic Heart Failure Novartis : Chronic Heart Failure Bayer : Valvular Heart Disease</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Atrial Fibrillation (AF), Valvular Heart Disease</p>

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Expert	Type of Relationship with Industry
Cikes Maja	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Amyloidosis GE Healthcare : Cardiovascular ultrasound Amicus Therapeutics : Fabry disease Astra Zeneca : Heart failure Bayer : Heart failure Boehringer-Ingelheim : Heart failure Teva Pharmaceutical Industries : Heart failure Krka Pharma : Heart failure Llvanova : Heart failure Novartis : Heart failure, hyperlipidaemia</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. CorVia : Heart failure</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Pfizer : Amyloidosis Abbott : Heart failure Novartis : Heart failure</p>

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Expert	Type of Relationship with Industry
Cikes Maja	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Chronic Heart Failure Bayer : Chronic Heart Failure Boehringer-Ingelheim : Chronic Heart Failure Novartis : Chronic Heart Failure Teva Pharmaceutical Industries : Chronic Heart Failure Novo-Nordisk : Chronic Heart Failure Roche Diagnostics : Chronic Heart Failure Krka Pharma : Chronic Heart Failure Abbott : Device Therapy GE Healthcare : Echocardiography Pfizer : Myocardial Disease Amicus Therapeutics : Myocardial Disease</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. CorVia : Chronic Heart Failure</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Abbott : investigator-initiated trial (ENVAD-HF), chief investigator Novartis : Investigator-initiated trial (ENVAD-HF), chief investigator Pfizer : National TTR registry, chief investigator</p>

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Expert	Type of Relationship with Industry
Deharo Jean-Claude	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Abbott : CRM Boston Scientific : CRM Medtronic : CRM Microport : CRM Bayer : Drugs Boehringer-Ingelheim : Drugs Novartis : Drugs Bristol Myers Squibb : Drugs</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Abbott : CRM Boston Scientific : CRM Biotronik : CRM Microport : CRM</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. BMS-Pfizer : Atrial Fibrillation (AF)</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Medtronic : research, research site Abbott : research, site investigator Boston Scientific : research, site investigator Biotronik : research, site investigator Microport : research, site investigator BMS Pfizer : research, site investigator</p>

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Expert	Type of Relationship with Industry
Doehner Wolfram	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boehringer-Ingelheim : Antocoagulation therapy Bayer AG : Antocoagulation therapy IQVIA : Clinical trial service Parexel : Clinical trial service Lilly : Diabetes Therapy Vifor International : iron therapy Aimediq : Rehabilitation Medtronic : Stroke prevention</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Boehringer Ingelheim : Cardiovascular therapy clinical trial Vifor International : Iron therapy</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. ESC, DGK</p>

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Expert	Type of Relationship with Industry
Doehner Wolfram	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boehringer-Ingelheim : Atrial Fibrillation (AF) Medtronic : Atrial Fibrillation (AF) Bayer AG : Atrial Fibrillation (AF) Vifor International : Chronic Heart Failure Boston Scientific : Device Therapy IQVIA : Other Parexel : Other Aimediq : Rehabilitation and Sports Cardiology Lilly : Stroke</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Pharmacosmos : Chronic Heart Failure</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Boehringer Ingelheim : Clinical trial (IIT) support, principal investigator Vifor International : Clinical trial (IIT), Principal investigator (IIT)</p>
Dos Subira Laura	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Janssen-Cilag : Pulmonary Hypertension</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Janssen-Cilag : Pulmonary hypertension</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Member of the scientific committee of the following patients' organizations: -Fundació Carme Chacón -AACIC-CorAvant</p>

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Expert	Type of Relationship with Industry
Dos Subira Laura	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Janssen-Cilag : Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Daiichi Sankyo : Atrial Fibrillation (AF) Janssen-Cilag : Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure</p>
Duval Xavier	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Sanofi Pasteur : Meningococcal vaccines</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Pneumococcal vaccine</p> <hr/> <p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Sanofi Pasteur : Other</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Other</p>
Falk Volkmar	<p>2021</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Berlin Heart : Advisory Novartis : Consultancy Abbott : Educational Grant for HCP's Edwards Lifesciences : Educational Grant for HCP's Medtronic : Educational Grant for HCP's Cryolife / Jotec : Educational Grant for HCP's Boston Scientific : Study Biotronik : Study Liva Nova : Study</p>

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Expert	Type of Relationship with Industry
Falk Volkmar	<p>2022</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Abbott : Other Boston Scientific : Other Edwards Lifesciences : Other Medtronic : Other Novartis : Other Biotronik : Other Liva Nova : Other Berlin Heart : Other Cryolife / Jotec : Other</p> <p>Membership or affiliation in political or advocacy groups working in the field of cardiology. Affiliations: -DZHK - ETH – Zurich, Dept. Health Science & Technology, Transl. Cardiovascular Technology</p>
Fauchier Laurent	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Healthcare Bayer : Healthcare Boehringer-Ingelheim : Healthcare Medtronic : Healthcare Novartis : Healthcare BMS/Pfizer : Healthcare Novo-Nordisk : Healthcare Zoll Medical : Healthcare XO : Healthcare</p>

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Expert	Type of Relationship with Industry
Fauchier Laurent	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Pharmacology and Pharmacotherapy Bayer : Pharmacology and Pharmacotherapy Boehringer-Ingelheim : Pharmacology and Pharmacotherapy Novartis : Pharmacology and Pharmacotherapy Servier : Pharmacology and Pharmacotherapy BMS/Pfizer : Pharmacology and Pharmacotherapy Novo-Nordisk : Pharmacology and Pharmacotherapy</p>
Fernandez Hidalgo Nuria	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Angelini : Cardiovascular and osteoarticular infections Pfizer : Endocarditis</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Merck Sharp & Dohme : Infectious Diseases Congress Angelini : Infectious Diseases Congress</p> <hr/> <p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Infective Endocarditis Angelini : Infective Endocarditis</p>
Frank Michelle	<p>2021</p> <p>Nothing to be declared</p> <hr/> <p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boehringer-Ingelheim : Chronic Heart Failure</p>

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Expert	Type of Relationship with Industry
Franz Marcus	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Daiichi Sankyo : Anticoagulation Pfizer, BMS : Anticoagulation Berlin-Chemie Menarini : Cardiology Novartis : Heart Failure, Dyslipidemia</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Novartis : Heart Failure, Dyslipidemia</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Actelion : Pulmonary Hypertension</p> <hr/> <p>2022</p> <p>Nothing to be declared</p>
Giske Christian	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. 1928 Diagnostics : Bioinformatics company</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Spero Therapeutics : Infectious Diseases</p> <hr/> <p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. 1928 Diagnostics (bioinformatics company) : Basic Science</p>
Gombosova Anezka	<p>2021</p> <p>Employment in healthcare industry (including part time) during the year for which you are declaring. Physical therapist FN Motol, Prague - occasional consultation. I left the field, I only provide consultations for my former colleagues if needed.</p> <hr/> <p>2022</p> <p>Employment (including part time) in healthcare industry during the year for which you are declaring. University Hospital Motol , Charles University Prague : Physical Therapist</p> <p>Membership or affiliation in political or advocacy groups working in the field of cardiology. Czech Society of Cardiology</p>

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Expert	Type of Relationship with Industry
Habib Gilbert	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Genzyme : cardiomyopathy General Electric : echocardiography Astra Zeneca : heart failure Novartis : heart failure Actelion : Pulmonary hypertension Abbott : valve disease</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Chronic Heart Failure Novartis : Chronic Heart Failure General Electric : Echocardiography Genzyme : Myocardial Disease Actelion : Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure Abbott : Valvular Heart Disease</p>
Habib Pierrette	<p>2021</p> <p>Nothing to be declared</p>
	<p>2022</p> <p>Nothing to be declared</p>
Hrafnkelsdottir Thordis	<p>2021</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Novo-Nordisk : Cardiology</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Member of Hjartaheill, patient organisation in Iceland</p>

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Expert	Type of Relationship with Industry	
Hrafnkelsdottir Thordis	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Chronic Heart Failure Pfizer : Myocardial Disease</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Novo-Nordisk : Training and Education</p>
Ibanez Borja	2021	Nothing to be declared
	2022	<p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. My center (CNIC) is a public non-profit institution that receives Royalties for the sale of a polypill containing aspirin, ramipril and atorvastatin (trinomia, sincronium). I am not involved in the development I do NOT receive any personal benefit (neither direct nor indirect).</p>
Iung Bernard	2021	Nothing to be declared
	2022	Nothing to be declared
Jaarsma Tiny	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boehringer-Ingelheim : heart failure</p>
	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boehringer-Ingelheim : History of Cardiology, Cardiovascular Nursing and Allied Professions</p>

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Expert	Type of Relationship with Industry
Kamzola Ginta	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Merck Serono : Beta blockers Boehringer-Ingelheim : Diabetes and cardiovascular diseases/heart failure Astra Zeneca : Heart Failure Bayer : Heart failure Novartis : Heart failure, cardiomyopathies, myocarditis, valvular pathologies Servier : Prevention of stroke</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Sevier : EuroEcho 2021 online Novartis : Heart failure 2021 online</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Latvian Society of Cardiology</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Chronic Heart Failure Bayer : Chronic Heart Failure Boehringer-Ingelheim : Chronic Heart Failure Roche Diagnostics : Chronic Heart Failure Novartis : Chronic Heart Failure, Interventional Cardiology Servier : Echocardiography, Atrial Fibrillation (AF), Stroke</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Bayer : Chronic Heart Failure Sevier : Echocardiography Novartis : Echocardiography, Arrhythmias, General, Valvular Heart Disease, Myocardial Disease, Chronic Heart Failure, Device Therapy</p> <p>Membership or affiliation in political or advocacy groups working in the field of cardiology. Latvian Society of Cardiology</p>

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Expert	Type of Relationship with Industry	
Kerimkulova Alina	2021	Nothing to be declared
	2022	Nothing to be declared
Kinova Elena	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : amyloidosis Berlin Chemie AG : Echocardiography Gedeon Richter : Echocardiography Infinita : Echocardiography Bayer : principal investigator Astra Zeneca : SGLT2 inhibitors</p>
	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bayer : Chronic Heart Failure Merk : Chronic Heart Failure Pfizer : Echocardiography Zentiva : Echocardiography Gedeon Richter : Echocardiography Infinita : Echocardiography</p>
Kober Lars	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Heart Failure Bayer : Heart Failure Boehringer-Ingelheim : Heart Failure Novartis : Heart Failure Novo-Nordisk : Heart Failure</p>

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Expert	Type of Relationship with Industry
Kober Lars	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Chronic Heart Failure Bayer : Chronic Heart Failure Boehringer-Ingelheim : Chronic Heart Failure Novartis : Chronic Heart Failure</p>
Koskinas Konstantinos	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Amgen : Cardiology Daiichi Sankyo : Cardiology</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Novartis : Cardiology</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Amgen : Risk Factors and Prevention Daiichi Sankyo : Risk Factors and Prevention Sanofi Aventis : Risk Factors and Prevention</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Novartis : Coronary Artery Disease (Chronic) / Chronic Coronary Syndromes (CCS)</p>

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Expert	Type of Relationship with Industry
Kotecha Dipak	<p>2021</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bayer : Data Science (Advisory Board) Amomed : Data Science (Advisory Board) Protherics Medicines Development : Data Science (Advisory Board) MyoKardia : Trial Advisory Board</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Bayer : Funding for ESC STEEER-AF trial Boston Scientific : Funding for ESC STEEER-AF trial Daiichi Sankyo : Funding for ESC STEEER-AF trial Boehringer Ingelheim : Funding for ESC STEEER-AF trial BMS-Pfizer Alliance : Funding for ESC STEEER-AF trial Amomed : Systematic review Protherics Medicines Development : Systematic review</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. Grants from the UK National Institute for Health Research (NIHR CDF-2015-08-074 RATE-AF; NIHR130280 DaRe2THINK; NIHR132974 D2T-NeuroVascular), the British Heart Foundation (PG/17/55/33087 and AA/18/2/34218), and the EU/EFPIA Innovative Medicines Initiative (BigData@Heart 116074).</p>

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Expert	Type of Relationship with Industry
Kotecha Dipak	<p>2022</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Protherics Medicines Development : Research Methodology</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Bayer : Collaborative systematic review of healthcare coding in HF, Principal Investigator Protherics Medicines Development : Grant for independent systematic review, Principal Investigator Bayer : Unrestricted educational grant to the ESC for the STEEER-AF clinical trial, Chief Investigator Boston Scientific : Unrestricted educational grant to the ESC for the STEEER-AF clinical trial, Chief Investigator Daiichi Sankyo : Unrestricted educational grant to the ESC for the STEEER-AF clinical trial, Chief Investigator Boehringer Ingelheim : Unrestricted educational grant to the ESC for the STEEER-AF clinical trial, Chief Investigator BMS-Pfizer Alliance : Unrestricted educational grant to the ESC for the STEEER-AF clinical trial, Chief Investigator</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. Academic research grants from the National Institute for Health Research (NIHR CDF-2015-08-074; NIHR130280; NIHR132974; NIHR203326); the British Heart Foundation (PG/17/55/33087, AA/18/2/34218 and FS/CDRF/21/21032); the EU/EFPIA Innovative Medicines Initiative (BigData@Heart 116074; including industry collaboration from Bayer, Novartis, Servier, the HYVE and Vifor); and EU Horizon (HYPERMARKER 101095480; including industry collaboration from Roche, MedicineMan and Microlife).</p>
Kusljugic Zumreta	<p>2021 Nothing to be declared</p> <p>2022 Nothing to be declared</p>
Kuunal-Arge Liisi	<p>2021 Nothing to be declared</p> <p>2022</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Novartis : Cardiovascular Surgery</p> <p>Membership or affiliation in political or advocacy groups working in the field of cardiology. Estonian Society of Cardiology</p>

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Expert	Type of Relationship with Industry
Landmesser Ulf	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Amgen : Speaker fee Novartis : Speaker fee Sanofi Aventis : Speaker fee Bayer AG : Speaker fee</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Novartis : Lipid Cardio Study Amgen : Research grant Bayer AG : Research Grant</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bayer AG : Chronic Heart Failure Amgen : Risk Factors and Prevention Novartis : Risk Factors and Prevention Sanofi Aventis : Risk Factors and Prevention</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Bayer AG : COVID PREVENT Study support to institution, Principal Investigator Novartis : Support of clinical study zo institution, Principal investigator</p>
Lauck Sandra	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : Transcatheter heart valve clinical care Medtronic : Transcatheter heart valve clinical care</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : Valvular Heart Disease Medtronic : Valvular Heart Disease</p>

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Expert	Type of Relationship with Industry
Lewis Basil S	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Idorsia : Antithrombotics Kowa : Lipidology CSL Behring : Lipidology, Secondary prevention</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Kowa : Lipidology</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. CSL Behring : Acute Coronary Syndromes, Pharmacology and Pharmacotherapy Idorsia : Acute Coronary Syndromes, Pharmacology and Pharmacotherapy Janssen R & D : Atrial Fibrillation (AF), Acute Coronary Syndromes, Pharmacology and Pharmacotherapy Anthos : Atrial Fibrillation (AF), Pharmacology and Pharmacotherapy</p>
Lochen Maja-Lisa	<p>2021</p> <p>Nothing to be declared</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Sanofi Aventis : Acute Coronary Syndromes BMS/Pfizer : Atrial Fibrillation (AF) Bayer AG : Atrial Fibrillation (AF)</p>
Mates Martin	<p>2021</p> <p>Direct ownership of shares or direct financial interest in healthcare, media, education companies or in companies related to (suppliers), or in competition with the ESC and its mission: to reduce the burden of cardiovascular disease. Healthcare - ALL AREAS OF CARDIOLOGY - Direct ownership of shares of boston scientific</p>
	<p>2022</p> <p>Nothing to be declared</p>
Mcevoy John William	<p>2021</p> <p>Nothing to be declared</p>
	<p>2022</p> <p>Nothing to be declared</p>
Michaloliakos Ioannis	<p>2021</p> <p>Nothing to be declared</p>

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Expert	Type of Relationship with Industry	
Michaloliakos Ioannis	2022	Nothing to be declared
Mihaylova Borislava	2021	<p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Merck Sharp & Dohme : Anacetrapib National Institute for Health Research (UK), Health Technology Assessment Programme : Cost-effectiveness of statin therapy Barts Charity : Digital pathology National Institute for Health Research : Various clinical studies including economic evaluations</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. I am a member of the Editorial Advisory Board of Value in Health (journal). I do not consider this to present any Col.</p>
	2022	<p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Merck Sharp & Dohme : economic analyses alongside a clinical trial, senior health economist Barts Charity : Research project, principal investigator National Institute for Health Research (UK), Health Technology Assessment Programme : Research project, principal investigator Bowel Research UK : research project, principal investigator</p>
Mindham Richard	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Imperial College, London : ONCE-OFF Honorarium, 2019, non-recurring, less than GB£900/€1000, passed in full to UK charity, CardiomyopathyUK</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. I have a pension and savings held in shares and funds. I do not control which shares are bought and I do not know whether any of them are invested in healthcare organisations as the shares are managed by a fund manager.</p>
	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. PASSpaces. http://passpaces.co.uk/. PASSpaces tutors young British doctors to help them pass their medical examinations. I "act" as a patient, permitting the trainee to take a patient history. : Training and Education</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. European Society of Cardiology. Payment of hotel, travel and meals to attend or speak at ESC conferences. : European Society of Cardiology</p>

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Expert	Type of Relationship with Industry
Mindham Richard	<p>2022 Membership or affiliation in political or advocacy groups working in the field of cardiology. I support the British charity CardiomyopathyUK, https://www.cardiomyopathy.org.uk/. I make small financial contributions to support their activities. I support the British charity Pumping Marvellous, https://pumpingmarvellous.org/. I make no financial contributions to the charity's activities. I am a member of the Coalition for Reducing Bureaucracy in Clinical Trials, https://bureaucracyincts.eu/. The Coalition is a collection of researchers, clinicians and patients which advocates for the reduction of bureaucracy in clinical trials, chiefly in the EU. I have no financial interest in the Coalition.</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. I have savings and pensions held in shares. The shares are managed by a financial adviser; I do not not control the purchase & sale of shares and I do not know whether any shares are in medical companies.</p>
Mitevaska Irena	<p>2021 Nothing to be declared</p> <p>2022 Nothing to be declared</p>
Mizariene Vaida	<p>2021 Nothing to be declared</p> <p>2022 Nothing to be declared</p>
Moore David P	<p>2021 Direct ownership of shares or direct financial interest in healthcare, media, education companies or in companies related to (suppliers), or in competition with the ESC and its mission: to reduce the burden of cardiovascular disease. Healthcare - CARDIOVASCULAR PHARMACOLOGY - various shareholdings Supplier - shareholdings</p> <p>2022 Nothing to be declared</p>
Neubeck Lis	<p>2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Atrial fibrillation</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Medical advisor to the Atrial Fibrillation Alliance</p> <p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Atrial Fibrillation (AF),</p>
Nielsen Jens Cosedis	<p>2021 Nothing to be declared</p>

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Expert	Type of Relationship with Industry	
Nielsen Jens Cosedis	2022	<p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. Have received research funding to my institution for independent research from the Danish Heart Foundation and the Novo Nordisk Foundation.</p>
Obadia Jean-Francois	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Abbott : cardiac surgery Medtronic : cardiac surgery Delacroix Chevalier : cardiac surgery</p>
	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Medtronic : Cardiovascular Surgery Abbott : Device Therapy Delacroix Chevalier : Device Therapy</p>
Oliva Fabrizio	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : heart failure Bayer : heart failure Novartis : heart failure Orion : heart failure Vifor International : heart failure</p>
	2022	<p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Abbott : Chronic Heart Failure Astra Zeneca : Chronic Heart Failure Novartis : Chronic Heart Failure</p>
Orban Marek	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Novartis : investigator</p>

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Expert	Type of Relationship with Industry	
Orban Marek	2022	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Novartis : Acute Coronary Syndromes
Orvin Katia	2021	Nothing to be declared
	2022	Nothing to be declared
Paelinck Bernard P	2021	Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Amicus : Fabry disease
	2022	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Sanofi Aventis : Myocardial Disease
Pagava Zurab	2021	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Berlin Chemie AG (Georgia) : Spieker fees Servier (Georgia) : Spieker fees AstraZeneca (Georgia) : Spieker fees Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Spieker fees
		2022
Panfile Elena	2021	Nothing to be declared
	2022	Nothing to be declared
Pasquet Agnes A	2021	Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Daiichi Sankyo : general cardiology Servier : general cardiology Philips : imaging

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Expert	Type of Relationship with Industry
Pasquet Agnes A	2021 Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. member of the Belgian Society of Cardiology
	2022 Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Philips : Echocardiography, Interventional Cardiology Daiichi Sankyo : Hypertension Servier : Other
Patrianakos Alexandros	2021 Nothing to be declared
	2022 Nothing to be declared
Petersen Steffen Erhard	2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Circle Cardiovascular Imaging, Inc : Cardiac MRI and CT analysis and reporting software Direct ownership of shares or direct financial interest in healthcare, media, education companies or in companies related to (suppliers), or in competition with the ESC and its mission: to reduce the burden of cardiovascular disease. Healthcare - IMAGING - Circle Cardiovascular Imaging Inc., Calgary, Canada (25,000 shares at Canadian dollars \$1.50 each.) Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Membership British Cardiovascular Society, Royal College of Physicians, British Medical Association.
	2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Circle Cardiovascular Imaging, Inc : Cardiac Magnetic Resonance (CMR), Cardiac Computed Tomography (CT) Research funding (personal) from healthcare industry. Neosoft, LLC : Establishment of healthy reference ranges of cardiac volumes using CMR and Neosoft's SuiteHeart software, Principal investigator

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Expert	Type of Relationship with Industry	
Popescu Bogdan Alexandru	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bayer : Anticoagulants Pfizer : Anticoagulants Johnson & Johnson : Cardiooncology Novartis : Heart failure GE Healthcare : Imaging</p>
	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Other Novartis : Risk Factors and Prevention</p>
Povlsen Jonas Agerlund	2021	Nothing to be declared
	2022	Nothing to be declared
Prendergast Bernard David	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : Transcatheter Heart Valves Medtronic : Transcatheter Heart Valves Microport : Transcatheter Heart Valves Anteris : Transcatheter Heart Valves</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Occasional advice to Heart Valve Voice - a UK-based patients advocacy group focused on increasing public awareness of heart valve disease.</p>
	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Edwards Lifesciences : Valvular Heart Disease Microport : Valvular Heart Disease Anteris : Valvular Heart Disease</p>

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Expert	Type of Relationship with Industry
Prendergast Bernard David	2022 Direct financial interest in healthcare, media, education companies or in companies related to (suppliers), or in competition with the ESC and its mission: to reduce the burden of cardiovascular disease. Education - Principal course director PCR London Valves (not reimbursed)
Prescott Eva	2021 Nothing to be declared
	2022 Nothing to be declared
Price Susanna	2021 Nothing to be declared
	2022 Nothing to be declared
Rajala Helena	2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Abbott Vascular : Speaker Fees Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Precordior Ltd : Investigator Travel and meeting support from healthcare industry, independent of the above activities. Abbott Vascular : Meeting support
	2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Abbott Vascular : Valvular Heart Disease Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Precordior Ltd : Cardiac Computed Tomography (CT) Travel and meeting support from healthcare industry, independent of the above activities. Abbott Vascular : Valvular Heart Disease
Rakisheva Amina	2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bayer : Atrial Fibrillatuion Novartis : Heart Failure

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Expert	Type of Relationship with Industry
Rakisheva Amina	<p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Chronic Heart Failure Novartis : Chronic Heart Failure Roche Diagnostics : Chronic Heart Failure</p>
Rao Archana	<p>2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Philips : CIED infection /lead extraction Boston Scientific : Honoraria Medtronic : Honoraria for education</p>
	<p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Medtronic : Chronic Heart Failure, Device Therapy Boston Scientific : Device Therapy, Chronic Heart Failure Philips : Device Therapy, Chronic Heart Failure</p>
Reinstadler Sebastian	<p>2021 Nothing to be declared</p>
	<p>2022 Nothing to be declared</p>
Rouzet Francois	<p>2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Servier : Cardiac imaging and risk assessment GE Healthcare : Myocardial Perfusion Imaging Siemens Healthcare : PET/MR Research funding from healthcare industry under your direct/personal responsibility (to department or institution). GE Healthcare : Myocardial Perfusion Imaging</p>
	<p>2022 Research funding from healthcare industry under your direct/personal responsibility (to department or institution). GE Healthcare : Study to Evaluate Diagnostic Efficacy of Flurpiridaz (18F) Injection PET MPI in the Detection of Coronary Artery Disease , Coordinator of the AURORA stud</p>

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Expert	Type of Relationship with Industry
Rouzet Francois	<p>2022 Membership or affiliation in political or advocacy groups working in the field of cardiology. Member of the board of the cardiovascular imaging group of the French Society of Cardiology</p>
Samadov Fuad	<p>2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Servier : Coronary artery disease Novartis : Heart failure</p>
	<p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Servier : Coronary Artery Disease (Chronic) / Chronic Coronary Syndromes (CCS) Novartis : Risk Factors and Prevention</p>
Sandoe Jonathan	<p>2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Tillotts Pharma : C. difficile infection Medtronic : Device infection Receipt of royalties for intellectual property. Elsevier : Infection Employment in healthcare industry (including part time) during the year for which you are declaring. Consultant Medical Microbiologist Leeds Teaching Hospitals NHS Trust Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Ordinary council member British Society for Antimicrobial Chemotherapy</p>
	<p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Medtronic : Device Therapy Membership or affiliation in political or advocacy groups working in the field of cardiology. Council member of the British Society for Antimicrobial Chemotherapy</p>
Schnabel Renate B	<p>2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. BMS/Pfizer - speaker fees : atrial fibrillation</p>

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Expert	Type of Relationship with Industry
Schnabel Renate B	<p>2021 Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. RBS has received funding from the European Research Council (ERC) under the European Union's Horizon 2020 research and innovation programme under the grant agreement No 648131, from the European Union's Horizon 2020 research and innovation programme under the grant agreement No 847770 (AFFECT-EU) and German Center for Cardiovascular Research (DZHK e.V.) (81Z1710103); German Ministry of Research and Education (BMBF 01ZX1408A) and ERACoSysMed3 (031L0239).</p>
	<p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bristol Myers Squibb/Pfizer : Atrial Fibrillation (AF)</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. RBS has received funding from the European Research Council (ERC) under the European Union's Horizon 2020 research and innovation programme under the grant agreement No 648131, from the European Union's Horizon 2020 research and innovation programme under the grant agreement No 847770 (AFFECT-EU) and German Center for Cardiovascular Research (DZHK e.V.) (81Z1710103 and 81Z0710114); German Ministry of Research and Education (BMBF 01ZX1408A) and ERACoSysMed3 (031L0239). Wolfgang Seefried project funding German Heart Foundation.</p>
Selton-Suty Christine	<p>2021 Nothing to be declared</p>
	<p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. GE Healthcare : Echocardiography</p>
Soendergaard Lars	<p>2021 Nothing to be declared</p>
	<p>2022 Nothing to be declared</p>
Sow Rouguiatou	<p>2021 Travel and meeting support from healthcare industry, independent of the above activities. Abbott Laboratories : Congrès Euro-echo 2021</p>
	<p>2022 Travel and meeting support from healthcare industry, independent of the above activities. Bayer Laboratory : Other</p>
Srojedinova Nigora	<p>2021 Nothing to be declared</p>
	<p>2022 Nothing to be declared</p>
Tanis Wilco	<p>2021 Nothing to be declared</p>
	<p>2022 Nothing to be declared</p>

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Expert	Type of Relationship with Industry	
Testic Milorad	2021	Nothing to be declared
	2022	Nothing to be declared
Thornhill Martin	2021	<p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Renaissance Health Service Corporation and Delta Dental's Research and Data institute : Dental antibiotic prophylaxis prevention of infective endocarditis</p> <p>Renaissance Health Service Corporation and Delta Dental's Research and Data institute : Dental antibiotic prophylaxis prevention of prosthetic joint infections</p> <p>Direct ownership of shares or direct financial interest in healthcare, media, education companies or in companies related to (suppliers), or in competition with the ESC and its mission: to reduce the burden of cardiovascular disease. Healthcare - OTHER - I am a founding shareholder in a company, Afyx Therapeutics. The company is a startup company registered in Denmark for the development of therapeutics for the targeted delivery of drugs for mucosal diseases. Currently, it's main focus is the development of a muco-adhesive patch for the delivery of steroids to treat oral lichen planus.</p>
	2022	<p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Delta Dental of Michigan Research Committee and Renaissance Health Service Corporation : Research grant for research studies on the association between invasive dental procedures and infective endocarditis and effect of antibiotic prophylaxis, Principal Investigator</p>

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Expert	Type of Relationship with Industry
Toutouzas Konstantinos	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Sanofi Aventis : Honoraria Astra Zeneca : Honoraria Bayer : Honoraria Boehringer-Ingelheim : Honoraria Pfizer : Honoraria Biotronik : Honoraria Abbott : Proctor Medtronic : Proctor Meril Myval : Proctor</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Research protocol</p>

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Expert	Type of Relationship with Industry
Toutouzas Konstantinos	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Abbott : Interventional Cardiology Bayer : Interventional Cardiology Medtronic : Interventional Cardiology Biotronik : Interventional Cardiology Gore : Interventional Cardiology Meril Myval : Interventional Cardiology Astra Zeneca : Pharmacology and Pharmacotherapy Boehringer-Ingelheim : Pharmacology and Pharmacotherapy Pfizer : Pharmacology and Pharmacotherapy Sanofi Aventis : Pharmacology and Pharmacotherapy</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Meril Myval : Interventional Cardiology Pfizer : Research Methodology</p>
Van De Veire Nico	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : heart failure Pfizer : heart failure Daiichi Sankyo : hyperlipidemia</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Daiichi Sankyo : hypercholesterolemia</p>

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Expert	Type of Relationship with Industry
Van De Veire Nico	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Chronic Heart Failure Daiichi Sankyo : Echocardiography Menarini : Hypertension</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Boehringer-Ingelheim : Atrial Fibrillation (AF)</p>
Vilacosta Isidro	<p>2021</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Pfizer : Spanish Society of Cardiology Meeting - Zaragoza 2021</p> <hr/> <p>2022</p> <p>Nothing to be declared</p>
Vrints Christiaan Jm	<p>2021</p> <p>Nothing to be declared</p> <hr/> <p>2022</p> <p>Nothing to be declared</p>
Wendler Olaf	<p>2021</p> <p>Nothing to be declared</p> <hr/> <p>2022</p> <p>Nothing to be declared</p>
Woldman Simon	<p>2021</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : For organising course on HF</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Abbott Vascular : Travel to USA to visit hospitals</p> <hr/> <p>2022</p> <p>Nothing to be declared</p>
Zakhama Lilia	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Hikma : heart failure Hôpital des Forces de la Sécurité Intérieure : heart failure Servier : hypertension</p>

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Expert	Type of Relationship with Industry
Zakhama Lilia	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Janssen-Cilag : Pulmonary Circulation, Pulmonary Embolism, Right Heart Failure</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. Servier : European Society of Cardiology</p>
Zhussupova Gyulnar	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Sanofi Aventis : arterial hypertension Servier : arterial hypertension, atrial fibrillation Astra Zeneca : atrial fibrillation Pfizer : atrial fibrillation Boehringer-Ingelheim : atrial fibrillation, heart failure Bayer : atrial fibrillation, venous thrombosis Novo-Nordisk : diabetes Novartis : heart failure Abbott : uncontrolled arterial hypertension</p> <hr/> <p>2022</p> <p>Nothing to be declared</p>

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Expert	Type of Relationship with Industry	
Arbelo Elena	2021	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Biosense Webster : Atrial fibrillation
	2022	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Biosense Webster : Atrial Fibrillation (AF)
Baigent Colin	2021	Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Boehringer-Ingelheim : Renal disease
	2022	Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Boehringer Ingelheim : Grant to the University of Oxford for the EMPA-KIDNEY trial, Co-PI
Borger Michael A	2021	Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Cryolife : aortic surgery Abbott : heart valve therapy Edwards Lifesciences : heart valve therapy Medtronic : heart valve therapy
	2022	Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Artivion (formerly CryoLife) : Diseases of the Aorta Abbott : Valvular Heart Disease Edwards Lifesciences : Valvular Heart Disease Medtronic : Valvular Heart Disease
Buccheri Sergio	2021	Nothing to be declared
	2022	Nothing to be declared
Ibanez Borja	2021	Nothing to be declared

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Expert	Type of Relationship with Industry
Ibanez Borja	<p>2022</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. My center (CNIC) is a public non-profit institution that receives Royalties for the sale of a polypill containing aspirin, ramipril and atorvastatin (trinomia, sincronium). I am not involved in the development I do NOT receive any personal benefit (neither direct nor indirect).</p>
James Stefan	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Medtronic : Proctorship</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Clinical trial executive committee Bayer : Clinical trial executive committee Elixir : Clinical trial executive committee jansen : Clinical trial executive committee Amgen : Clinical trial steering committee Novo-Nordisk : Clinical trial steering committee</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Astra Zeneca : Clinical trial Amgen : Clinical trial leadership Elixir : Clinical trial leadership</p> <hr/> <p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Medtronic : Valvular Heart Disease</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Amgen : Executive committee member, Executive committee member Janssen-Cilag : Executive committee member, Executive committee member Astra Zeneca : Study PI , Prinicpal investigator</p> <p>Membership or affiliation in political or advocacy groups working in the field of cardiology. Swedish medical Association, Swedish cardiac society</p>

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Expert	Type of Relationship with Industry
Kober Lars	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Heart Failure Bayer : Heart Failure Boehringer-Ingelheim : Heart Failure Novartis : Heart Failure Novo-Nordisk : Heart Failure</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Chronic Heart Failure Bayer : Chronic Heart Failure Boehringer-Ingelheim : Chronic Heart Failure Novartis : Chronic Heart Failure</p>
Koskinas Konstantinos	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Amgen : Cardiology Daiichi Sankyo : Cardiology</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Novartis : Cardiology</p>
	<p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Amgen : Risk Factors and Prevention Daiichi Sankyo : Risk Factors and Prevention Sanofi Aventis : Risk Factors and Prevention</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Novartis : Coronary Artery Disease (Chronic) / Chronic Coronary Syndromes (CCS)</p>

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Expert	Type of Relationship with Industry	
Mcevoy John William	2021	Nothing to be declared
	2022	Nothing to be declared
Mihaylova Borislava	2021	<p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Merck Sharp & Dohme : Anacetrapib National Institute for Health Research (UK), Health Technology Assessment Programme : Cost-effectiveness of statin therapy Barts Charity : Digital pathology National Institute for Health Research : Various clinical studies including economic evaluations</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. I am a member of the Editorial Advisory Board of Value in Health (journal). I do not consider this to present any Col.</p>
	2022	<p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Merck Sharp & Dohme : economic analyses alongside a clinical trial, senior health economist Barts Charity : Research project, principal investigator National Institute for Health Research (UK), Health Technology Assessment Programme : Research project, principal investigator Bowel Research UK : research project, principal investigator</p>
Mindham Richard	2021	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Imperial College, London : ONCE-OFF Honorarium, 2019, non-recurring, less than GB£900/€1000, passed in full to UK charity, CardiomyopathyUK</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. I have a pension and savings held in shares and funds. I do not control which shares are bought and I do not know whether any of them are invested in healthcare organisations as the shares are managed by a fund manager.</p>
	2022	<p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. PASSpaces. http://passpaces.co.uk/. PASSpaces tutors young British doctors to help them pass their medical examinations. I "act" as a patient, permitting the trainee to take a patient history. : Training and Education</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. European Society of Cardiology. Payment of hotel, travel and meals to attend or speak at ESC conferences. : European Society of Cardiology</p>

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Expert	Type of Relationship with Industry
Mindham Richard	<p>2022</p> <p>Membership or affiliation in political or advocacy groups working in the field of cardiology. I support the British charity CardiomyopathyUK, https://www.cardiomyopathy.org.uk/. I make small financial contributions to support their activities. I support the British charity Pumping Marvellous, https://pumpingmarvellous.org/. I make no financial contributions to the charity's activities. I am a member of the Coalition for Reducing Bureaucracy in Clinical Trials, https://bureaucracyincts.eu/. The Coalition is a collection of researchers, clinicians and patients which advocates for the reduction of bureaucracy in clinical trials, chiefly in the EU. I have no financial interest in the Coalition.</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. I have savings and pensions held in shares. The shares are managed by a financial adviser; I do not not control the purchase & sale of shares and I do not know whether any shares are in medical companies.</p>
Neubeck Lis	<p>2021</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Atrial fibrillation</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. Medical advisor to the Atrial Fibrillation Alliance</p> <hr/> <p>2022</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Pfizer : Atrial Fibrillation (AF),</p>
Nielsen Jens Cosedis	<p>2021</p> <p>Nothing to be declared</p> <hr/> <p>2022</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. Have received research funding to my institution for independent research from the Danish Heart Foundation and the Novo Nordisk Foundation.</p>
Pasquet Agnes A	<p>2021</p> <p>Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Daiichi Sankyo : general cardiology Servier : general cardiology Philips : imaging</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. member of the Belgian Society of Cardiology</p>

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Expert	Type of Relationship with Industry
Pasquet Agnes A	<p>2022 Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Philips : Echocardiography, Interventional Cardiology Daiichi Sankyo : Hypertension Servier : Other</p>
Prescott Eva	<p>2021 Nothing to be declared</p>
	<p>2022 Nothing to be declared</p>
Rakisheva Amina	<p>2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bayer : Atrial Fibrillatuion Novartis : Heart Failure</p>
	<p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Astra Zeneca : Chronic Heart Failure Novartis : Chronic Heart Failure Roche Diagnostics : Chronic Heart Failure</p>
Rocca Bianca	<p>2021 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Bayer AG : CV prevention in COVID pandemics SOBI : platelet growth factor Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Bayer AG : anticoagulant (rivaroxaban)</p>
	<p>2022 Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Aboca SRL : Other Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Bayer AG : study on low dose rivaroxaban, Chief investigator</p>
Rossello Francisco Javier	<p>2021 Nothing to be declared</p>

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Expert	Type of Relationship with Industry	
Rossello Francisco Javier	2022	Nothing to be declared
Vaartjes Ilonca	2021	Nothing to be declared
	2022	Nothing to be declared
Vrints Christiaan Jm	2021	Nothing to be declared
	2022	Nothing to be declared
Witkowski Adam	2021	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boston Scientific : coronary stents, IVUS, Accurate aortic valves (TAVI), Watchman (LAO) Medtronic : Evolute aortic valves (TAVI) Edwards Lifesciences : Sapien aortic valves (TAVI)
	2022	Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Boston Scientific : Device Therapy Edwards Lifesciences : Device Therapy Medtronic : Device Therapy
Zeppenfeld Katja	2021	Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Biosense Webster : Research electrophysiology
	2022	Payment from healthcare industry to your department or institution or any other body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. Biosense Webster : Ventricular Arrhythmias and Sudden Cardiac Death (SCD) Research funding from healthcare industry under your direct/personal responsibility (to department or institution). Biosense Webster : investigator initiated research, PI