



ESC Declaration of Interest Report
2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy

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

It is mandatory for all experts involved in Guidelines development 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 are assessed prior to work commencing, and the ESC may decide to exclude any expert from a Guidelines activity based on the exclusion criteria as defined in the *ESC Declaration and Management of Conflict of Interest Policy, Annex 3*, as approved in July 2020.

The current policy and its annexes are available on the ESC website at www.escardio.org/DOI

2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy - Task Force Members

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Expert	Type of Relationship with Industry
Auricchio Angelo	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Sorin Group : cardiac rhythm management - Boston Scientific : Device-based therapy of heart failure <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p>Financial Declaration</p> <ul style="list-style-type: none"> - Boston Scientific : cardiac rhythm management - Medtronic : cardiac rhythm management - Cardiac Dimensions : cardiac rhythm management - CorVia : cardiac rhythm management - Microport (CRM) : cardiac rhythm management
Barbash Israel	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Sanofi Aventis : Hyperlipidemia - Abbott : TAVI <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p>Nothing to be declared</p>
Barrabes Jose A	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Astrazeneca : Acute coronary syndromes, payment for educational activities

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Expert	Type of Relationship with Industry
Barrabes Jose A	<p>2020</p> <p>Other Positions of Influence</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.</p> <ul style="list-style-type: none"> - I have received honoraria from the Spanish Society of Cardiology (SSC) as one of the directors of the Mastership Program in Acute Cardiac Care promoted by the SSC. This program has received financial support by Sanofi (with interest in lipid lowering agents and antiplatelet agents).
Boriani Giuseppe	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Boston Scientific : Pacemaker, cardioverter defibrillators - Medtronic : Pacemaker, cardioverter defibrillators - Biotronik : Pacemaker, cardioverter defibrillators <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p>Financial Declaration</p> <ul style="list-style-type: none"> - Bayer : Anticoagulants - Boston Scientific : Pacemaker, cardioverter defibrillators - Medtronic : Pacemaker, cardioverter defibrillators
Braunschweig Frieder	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Boehringer-Ingelheim : Anticoagulation - Pfizer : Anticoagulation - Novartis : Heart Failure - Orion : Heart Failure

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Expert	Type of Relationship with Industry
Braunschweig Frieder	2019 - Abbott : Pacemaker - Medtronic : Pacemaker - Biotronik : Pacemaker
	2020 Financial Declaration - Boehringer-Ingelheim : Anticoagulation - Novartis : Heart Failure - Orion : Heart Failure - Abbott : Pacemaker - Medtronic : Pacemaker - Biotronik : Pacemaker
Brignole Michele	2019 Nothing to be declared
	2020 Nothing to be declared
Burri Haran	2019 Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Medtronic : CIED - Biotronik : CIED Travel and meeting support from healthcare industry, independent of the above activities. - Bayer : Cardiology - Medtronic : CIED

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Expert	Type of Relationship with Industry
Burri Haran	<p>2019</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Abbott : CIED - Boston Scientific : CIED - Medtronic : CIED - Biotronik : CIED <p>Other Positions of Influence</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.</p> <ul style="list-style-type: none"> - Member of the Swiss Working Group of Pacing and Electrophysiology
	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Boston Scientific : CIED consultancy - Abbott : CIED education - Medtronic : CIED education - Biotronik : CIED education <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Abbott : CIED - Boston Scientific : CIED - Medtronic : CIED - Biotronik : CIED

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Expert	Type of Relationship with Industry
Coats Andrew	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Faraday Australia : Acute MI - CVRx : Autonomic devices - ESN Cleer : Biomarkers - Actimed : Cancer - Bayer AG (event review committee member) : CV disease - CorVia : Device for HFpEF - Cardiac Dimensions : Devices for MR - Novartis : Heart Failure - Servier : Heart Failure - Menarini : Heart Failure - Astra Zeneca : Hyperkalaemia - Vifor International : Iron deficiency - Arena : New drug development in acute heart failure - Nutricia : Nutrition - WL Gore : Prosthetic Valves - Respicardia : Sleep Apnoea <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p>Financial Declaration</p> <ul style="list-style-type: none"> - Faraday Australia : Acute MI - CVRx : Autonomic devices - ESN Cleer : Biomarkers

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Expert	Type of Relationship with Industry
Coats Andrew	<p>2020</p> <ul style="list-style-type: none"> - Actimed : Cancer - Bayer AG (event review committee member) : CV disease - CorVia : Device for HFpEF - Cardiac Dimensions : Devices for MR - Novartis : Heart Failure - Servier : Heart Failure - Menarini : Heart Failure - Astra Zeneca : Hyperkalaemia - Vifor International : Iron deficiency - Arena : New drug development in acute heart failure - Nutricia : Nutrition - WL Gore : Prosthetic Valves - Respicardia : Sleep Apnoea
Deharo Jean-Claude	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : CRM - Boston Scientific : CRM - Medtronic : CRM - Microport : CRM - Bayer : Drugs - Boehringer-Ingelheim : Drugs - Novartis : Drugs

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Expert	Type of Relationship with Industry
Deharo Jean-Claude	<p>2019</p> <ul style="list-style-type: none"> - Bristol Myers Squibb : Drugs <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Abbott : CRM - Boston Scientific : CRM - Biotronik : CRM - Microport : CRM
	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : CRM - Boston Scientific : CRM - Medtronic : CRM - Microport : CRM - Bayer : Drugs - Boehringer-Ingelheim : Drugs - Novartis : Drugs - Bristol Myers Squibb : Drugs <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Abbott : CRM - Boston Scientific : CRM - Biotronik : CRM - Microport : CRM

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Expert	Type of Relationship with Industry
Delgado Victoria	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - GE Healthcare : 3-dimensional imaging workshop (2000 euro) - Medtronic : aortic stenosis (payment speaker fee 900 euro) - Bayer : diabetes - steering committee (750 euro) - Abbott Vascular : Mitraclip (payment speaker fee 1200 euro) - Edwards Lifesciences : tricuspid valve (payment speaker fee 1200 euro) <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Edwards Lifesciences : Aortic valve stenosis - Bayer : Heart failure - Bioventrix : heart failure - Abbott Vascular : Mitraclip - Edwards Lifesciences : Tricuspid valve
	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - 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)

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Expert	Type of Relationship with Industry
Delgado Victoria	<p>2020</p> <p style="padding-left: 40px;">Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - GE Healthcare : echocardiography - Edwards Lifesciences : tricuspid valve disease <p style="padding-left: 40px;">Other Positions of Influence</p> <p style="padding-left: 40px;">Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.</p> <ul style="list-style-type: none"> - Member of AHA, associate editor of Circulation and JASE
Diller Gerhard Paul	<p>2019</p> <p style="padding-left: 40px;">Financial Declaration</p> <p style="padding-left: 40px;">Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Daiichi Sankyo : Anticoagulation - Actelion : Pulmonary hypertension <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p style="padding-left: 40px;">Nothing to be declared</p>
Glikson Michael	<p>2019</p> <p style="padding-left: 40px;">Financial Declaration</p> <p style="padding-left: 40px;">Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Sorin Group : CHF <p style="padding-left: 40px;">Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Medtronic : CIEDS - Biotronik : CIEDS - Pfizer : NOACS

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Glikson Michael	<p>2020</p> <p>Financial Declaration</p> <p>Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Boston Scientific : LAA <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Medtronic : CIEDS - Biotronik : CIEDS - Pfizer : NOACS
Israel Carsten W	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Berlin Chemie AG : Antiarrhythmic drugs - BMS-Pfizer : Apixaban - Astra Zeneca : Brillique - Boehringer-Ingelheim : Dabigatran - Sanofi Aventis : Dronedarone - Daiichi Sankyo : Edoxaban - Servier : Ivabradin - Zoll Medical : Life Vest - Boston Scientific : Pacemakers, ICDs - Biotronik : Pacemakers, ICDs - Abbott : Pacemakers, ICDs, CRT - Microport : Pacemakers, ICDs, CRT

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Expert	Type of Relationship with Industry
Israel Carsten W	<p>2019</p> <ul style="list-style-type: none"> - Medtronic : Pacemakers, ICDs, CRT, ILR - Bayer Healthcare : Rivaroxaban <p>Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Astra Zeneca : Brillique - Zoll Medical : Life Vest - Medtronic : Pacemakers, ICDs, CRT, ILR <p>Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Sanofi Aventis : Antiarrhythmics - Berlin Chemie AG : Antiarrhythmics - Boehringer-Ingelheim : oral anticoagulation - Daiichi Sankyo : oral anticoagulation - Pfizer : oral anticoagulation - Bayer Healthcare : oral anticoagulation - Bristol Myers Squibb : oral anticoagulation - Abbott : Pacemaker, ICD, CRT - Boston Scientific : Pacemaker, ICD, CRT - Medtronic : Pacemaker, ICD, CRT - Biotronik : Pacemaker, ICD, CRT - Microport : Pacemaker, ICD, CRT - Zoll Medical : sudden cardiac death

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Expert	Type of Relationship with Industry
Israel Carsten W	<p>2019</p> <p>Other Positions of Influence</p> <p>Membership or affiliation in political or advocacy groups working in the field of cardiology.</p> <ul style="list-style-type: none"> - German Cardiac Society Heart Rhythm Society World Society of Arrhythmias <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.</p> <ul style="list-style-type: none"> - Member of the Board of the World Society of Arrhythmias
	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Berlin Chemie AG : Antiarrhythmic drugs - BMS-Pfizer : Apixaban - Astra Zeneca : Brillique - Impulse Dynamics : Cardiac Contractility Management - Boehringer-Ingelheim : Dabigatran - Sanofi Aventis : Dronedarone - Daiichi Sankyo : Edoxaban - Servier : Ivabradin - Zoll Medical : Life Vest - Boston Scientific : Pacemakers, ICDs - Biotronik : Pacemakers, ICDs, CRT - Microport : Pacemakers, ICDs, CRT - Medtronic : Pacemakers, ICDs, CRT, ILR - Abbott : Pacemakers, ICDs, CRT, Occluder

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Expert	Type of Relationship with Industry
Israel Carsten W	<p>2020</p> <ul style="list-style-type: none"> - Bayer Healthcare : Rivaroxaban <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.</p> <ul style="list-style-type: none"> - Astra Zeneca : Brillique - Zoll Medical : Life Vest - Medtronic : Pacemakers, ICDs, CRT, ILR <p>Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Sanofi Aventis : Antiarrhythmics - Berlin Chemie AG : Antiarrhythmics - Boehringer-Ingelheim : oral anticoagulation - Daiichi Sankyo : oral anticoagulation - Pfizer : oral anticoagulation - Bayer Healthcare : oral anticoagulation - Bristol Myers Squibb : oral anticoagulation - Abbott : Pacemaker, ICD, CRT - Boston Scientific : Pacemaker, ICD, CRT - Medtronic : Pacemaker, ICD, CRT - Biotronik : Pacemaker, ICD, CRT - Microport : Pacemaker, ICD, CRT - Zoll Medical : sudden cardiac death <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Abbott Vascular : LAA occluders - Microport : Pacemaker, ICD, CRT

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Expert	Type of Relationship with Industry
Israel Carsten W	<p>2020</p> <p>Other Positions of Influence</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology.</p> <ul style="list-style-type: none"> - Deutsche Herzstiftung <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.</p> <ul style="list-style-type: none"> - Member of the Board of the World Society of Arrhythmias Editor of "Herzschrittmachertherapie und Elektrophysiologie"
Keren Andre	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Novartis : Heart Failure - Vifor International : Iron deficiency - CTS Pharmaceuticals ISrael : Iron deficiency <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p>Financial Declaration</p> <ul style="list-style-type: none"> - Novartis : Heart failure - Vifor International : Iron deficiency - CTS pharmaceuticals : iron Deficiency
Knops Re	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : CIED - Boston Scientific : CIED - Medtronic : CIED

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Knops Re	<p>2019</p> <p style="padding-left: 40px;">Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Abbott : CIED - Boston Scientific : CIED - Medtronic : CIED <p style="padding-left: 40px;">Other Positions of Influence</p> <p style="padding-left: 40px;">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.</p> <ul style="list-style-type: none"> - Supplier - I am consultant for a start-up company Atacor (pacemaker company). For my activities I will be compensated with a modest amount of stock options in 2020 Value < 10.000 Euro
	<p>2020</p> <p style="padding-left: 40px;">Financial Declaration</p> <p style="padding-left: 40px;">Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : CIED - Boston Scientific : CIED - Medtronic : CIED <p style="padding-left: 40px;">Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Abbott : CIED - Boston Scientific : CIED - Medtronic : CIED

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Expert	Type of Relationship with Industry
Knops Re	<p>2020</p> <p>Other Positions of Influence</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.</p> <ul style="list-style-type: none"> - Supplier - I am consultant for a start-up company Atacor (pacemaker company). For my activities I will be compensated with a modest amount of stock options in 2020 Value < 10.000 Euro
Kotecha Dipak	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - MyoKardia : Clinical trials in heart failure and atrial fibrillation (Advisory Board) - Bayer : Data Science (Advisory Board) - Amomed : Product development in heart failure and atrial fibrillation (Advisory Board) - Atricure : Symposium on atrial fibrillation (Speaker fees) <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p>Financial Declaration</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.</p> <ul style="list-style-type: none"> - Bayer : Data Science (Advisory Board) - Amomed : Data Science (Advisory Board) - Protherics Medicines Development : Data Science (Advisory Board) <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Bayer : Funding for ESC STEEER-AF trial - Boston Scientific : Funding for ESC STEEER-AF trial - Daiichi Sankyo : Funding for ESC STEEER-AF trial

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Kotecha Dipak	<p>2020</p> <ul style="list-style-type: none"> - Boehringer Ingelheim : Funding for ESC STEEER-AF trial - BMS-Pfizer Alliance : Funding for ESC STEEER-AF trial - Amomed : Systematic review <p>Other Positions of Influence</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.</p> <ul style="list-style-type: none"> - Grants from the National Institute for Health Research (NIHR CDF-2015-08-074 RATE-AF; NIHR HTA-130280 DaRe2THINK), the British Heart Foundation (PG/17/55/33087 and AA/18/2/34218), and the EU/EFPIA Innovative Medicines Initiative (BigData@Heart 116074).
Kronborg Mads Brix	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Bayer : Anticoagulation - Orion : Atrial fibrillation <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p>Financial Declaration</p> <ul style="list-style-type: none"> - Bayer : speakers fee
Leclercq Christophe	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : devices - Boston Scientific : devices - Medtronic : devices - Biotronik : devices

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Leclercq Christophe	<p>2019</p> <ul style="list-style-type: none"> - Microport : devices - Zoll Medical : WCD <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p>Financial Declaration</p> <ul style="list-style-type: none"> - Biotronik : device - Abbott : devices - Boston Scientific : devices - Medtronic : devices - Microport : devices
Merkely Bela	<p>2019</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : CRT course - Abbott : CRT/ICD - Astra Zeneca : HF - Biotronik : ICD/CRT <p>Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : cardiac rhythm management - Boston Scientific : CRT

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Merkely Bela	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : CRT/ICD - Boehringer Ingelheim : ICD / CRT - Biotronik : ICD/CRT <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.</p> <ul style="list-style-type: none"> - Medtronic : cardiac rhythm management - Boston Scientific : CRT
	<p>2019</p> <p>Nothing to be declared</p> <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p>Nothing to be declared</p>
Nielsen Jens Cosedis	<p>2019</p> <p>Other Positions of Influence</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.</p> <ul style="list-style-type: none"> - I received institutional research grants from the Novo Nordisk Foundation <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p>Other Positions of Influence</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology.</p> <ul style="list-style-type: none"> - Member of Danish Heart Foundation

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Expert	Type of Relationship with Industry
Nielsen Jens Cosedis	<p>2020</p> <p style="padding-left: 40px;">Any other interest (financial or otherwise) that should be declared in view of holding an ESC position. - I received institutional research grants from the Novo Nordisk Foundation</p>
Starck Christoph Thomas	<p>2019</p> <p style="padding-left: 40px;">Financial Declaration</p> <p style="padding-left: 80px;">Payment from healthcare industry to your department or institution or any other legal body for your personal services: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Angiodynamics : Angiovac - Biotronik : CIED - Cook Medical : Lead Extraction <p style="padding-left: 80px;">Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Cook Medical : Lead Extraction <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p style="padding-left: 40px;">Financial Declaration</p> <p style="padding-left: 80px;">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.</p> <ul style="list-style-type: none"> - Angiodynamics : Angiovac - Biotronik : CIED - Cook Medical : Lead Extraction <p style="padding-left: 80px;">Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Hylomorph AG : Biomedical Engineering - Cook Medical : Lead Extraction
Thylen Ingela	<p>2019</p> <p style="padding-left: 40px;">Nothing to be declared</p>

2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy - Task Force Members

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Expert	Type of Relationship with Industry
Thylen Ingela	<p>2020</p> <p style="padding-left: 40px;">Nothing to be declared</p>
Tolosana Jose Maria	<p>2019</p> <p style="padding-left: 40px;">Financial Declaration</p> <p style="padding-left: 80px;">Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : consultancy - Medtronic : pacemaker/consultancy - Boston Scientific : Pacemaker/ICD <hr style="border-top: 1px dashed black;"/> <p>2020</p> <p style="padding-left: 40px;">Financial Declaration</p> <ul style="list-style-type: none"> - Abbott : consultancy - Medtronic : pacemaker/consultancy - Boston Scientific : Pacemaker/ICD

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Expert	Type of Relationship with Industry
Abdelhamid Magdy	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Bayer AG : Advisory board fees - Astra Zeneca : speaker fees - Boehringer-Ingelheim : speaker fees - Novartis : speaker fees
Abdrakhmanov Ayan	<p>2020</p> <p>Other Positions of Influence</p> <p>Employment in healthcare industry (including part time) during the year for which you are declaring.</p> <ul style="list-style-type: none"> - Astana Medical University, professor of Internal Medicine - part time
Abi Saleh Bernard	<p>2020</p> <p>Nothing to be declared</p>
Aboyans Victor	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Bayer Healthcare : Antithrombotic therapies - Bristol Myers Squibb : Antithrombotic therapies - Astrazeneca : Diabetes <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Bayer Healthcare : Peripheral Artery Disease
Al Saadi Ahmad Rasheed	<p>2020</p> <p>Nothing to be declared</p>

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Expert	Type of Relationship with Industry
Antonio Natalia	<p>2020</p> <p>Financial Declaration</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). - Abbott : Cardiac resynchronization Therapy</p>
Arbelo Elena	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Biosense Webster : Atrial fibrillation</p>
Asteggiano Riccardo	<p>2020</p> <p>Financial Declaration</p> <p>Receipt of royalties for intellectual property. - Springer Nature Switzerland AG, : IB323946 Royalties Earned Current Period Royalties Due 1: Cardiac Management of Oncology Patients Edition 1 266979</p>
Atar Ilyas	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Abbott : Speaker fees</p>
Bajric Mugdim	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - University Tuzla : Internal medicine - University clinical center Tuzla : Invasive cardiology-regular job duties- employee</p>

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Expert	Type of Relationship with Industry
Bajric Mugdim	<p>2020</p> <p>Other Positions of Influence</p> <p>Employment in healthcare industry (including part time) during the year for which you are declaring.</p> <ul style="list-style-type: none"> - Chief of Clinic for invasive cardiology , which includes management duties and interventional cardiologists (MD) duties. Average annual income of 25000 euros. My position is not in competition with ESC.
Baron Esquivias Gonzalo	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Bayer : Anticoagulation - Boehringer-Ingelheim : Anticoagulation - Daiichi Sankyo : Anticoagulation - Sanofi Aventis : dislipemia - Recordati International : Dislipemia - Novartis : heart failure - Rovi : heart failure - Biotronik : pacing <p>Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Bayer : Anticoagulation - Boehringer-Ingelheim : Anticoagulation - Daiichi Sankyo : anticoagulation - Novartis : Heart Failure - Rovi : Heart Failure

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Expert	Type of Relationship with Industry
Baron Esquivias Gonzalo	<p>2020</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Novartis : heart failure
Bauersachs Johann	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Pfizer : Afib, Amyloidosis - Daiichi Sankyo : Afib, CAD - Boehringer-Ingelheim : Afib, Diabetes mellitus, Heart Failure - Bayer : Afib, heart failure - Bristol Myers Squibb : Afib, heart failure - Amgen : CAD, Heart Failure - Novartis : Heart Failure - Servier : Heart Failure - CVRx : Heart Failure - Cardior : Heart Failure - Vifor International : heart failure, hyperkalemia - Astrazeneca : heart failure, hyperkalemia <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Zoll Medical : Arrhythmia - Abiomed : cardiogenic shock - Vifor International : Heart failure - CVRx : Heart Failure

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Expert	Type of Relationship with Industry
Biffi Mauro	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : CRT, pacing, defibrillation, CIED therapy, heart failure - Biotronik : CRT, pacing, electrophysiology, heart failure, heart failure - Boston Scientific : defibrillation, CIED therapy, heart failure - Zoll Medical : defibrillation, heart failure
Bini Roberto	<p>2020</p> <p>Nothing to be declared</p>
Birgersdotter-Green Ulrika	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : CRM - Boston Scientific : CRM - Medtronic : CRM - Biotronik : CRM
Bongiorni Maria Grazia	<p>2020</p> <p>Financial Declaration</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.</p> <ul style="list-style-type: none"> - Medtronic : Micra Leadless - Boston Scientific : SICD and Rhythmia

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Expert	Type of Relationship with Industry
Borger Michael A	<p>2020</p> <p>Financial Declaration</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.</p> <ul style="list-style-type: none"> - Cryolife : aortic surgery - Abbott : heart valve therapy - Edwards Lifesciences : heart valve therapy - Medtronic : heart valve therapy
Borgquist Rasmus	<p>2020</p> <p>Nothing to be declared</p>
Bouhouch Rachida	<p>2020</p> <p>Nothing to be declared</p>
Bytyci Ibadete	<p>2020</p> <p>Nothing to be declared</p>
Cano Perez Oscar	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Boston Scientific : development of an educational platform - Abbott : High density mapping - Biosense Webster : intracardiac echocardiography - Medtronic : Physiological pacing

2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy - Reviewers

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Expert	Type of Relationship with Industry
Celutkiene Jelena	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Pfizer : anticoagulation - Amgen : heart failure - Boehringer-Ingelheim : heart failure - Novartis : heart failure - Bayer Healthcare : heart failure - Astrazeneca : heart failure <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Roche Diagnostics : heart failure
Chasnoits Alexandr	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Bayer AG : antithrombotic therapy
Chow Anthony	<p>2020</p> <p>Financial Declaration</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Abbott : CIED - Boston Scientific : CIED and mapping studies

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Expert	Type of Relationship with Industry
Cikes Maja	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Bayer : Anticoagulation - Pfizer : Anticoagulation, amyloidosis - Astra Zeneca : coronary heart disease - Astra Zeneca : Heart Failure - Boehringer-Ingelheim : Heart failure - Novartis : Heart failure - Orion : Heart failure - Teva Pharmaceutical Industries : Heart failure <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.</p> <ul style="list-style-type: none"> - Novartis : heart failure - CorVia : Heart failure <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Abbott : Heart failure - Novartis : Heart failure
Daubert Jean-Claude	<p>2020</p> <p>Other Positions of Influence</p> <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.</p> <ul style="list-style-type: none"> - Member of Haute Autorité de Santé (Commission de Transparence), Saint-Denis, France

2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy - Reviewers

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Expert	Type of Relationship with Industry
Drossart Inga	<p>2020</p> <p>Nothing to be declared</p>
Ellenbogen Kenneth	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Biotronik : Lectures - Abbott : Lectures, Honoraria, Medical Advisory Board - Boston Scientific : Medical Advisory Board, DSMB, Lectures - Medtronic : Medical Advisory Board, DSMB Lectures <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Boston Scientific : Pacing therapy - Medtronic : Pacing therapy
Elliott Perry Mark	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Astra Zeneca : Amyloidosis - Genzyme Sanofi : Enzyme replacement therapy Fabry disease - MyoKardia : Hypertrophic Cardiomyopathy - PeerVoice : Hypertrophic Cardiomyopathy - Idorsia : Treatment for Fabry Disease - Pfizer : Treatment for TTR amyloidosis

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Expert	Type of Relationship with Industry
Elliott Perry Mark	<p>2020</p> <p>Other Positions of Influence</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. - Cardiomyopathy UK; International Cardiomyopathy Network (ICON)</p>
Etsadashvili Kakhaber	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Bayer : DOACs - Servier : Hypertension</p>
Fabritz Larissa	<p>2020</p> <p>Financial Declaration</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. - Roche Diagnostics : cardiovascular</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). - British Heart Foundation : cardiovascular - European Union Horizon 2020 : cardiovascular</p>
Falk Volkmar	<p>2020</p> <p>Financial Declaration</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</p>

2021 ESC Guidelines on cardiac pacing and cardiac resynchronization therapy - Reviewers

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Expert	Type of Relationship with Industry
Falk Volkmar	<p>2020</p> <ul style="list-style-type: none"> - Edwards Lifesciences : Educational Grant for HCP's - Medtronic : Educational Grant for HCP's - Cryolife / Jotec : Educational Grant for HCP's
Fauchier Laurent	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Bayer : Healthcare - Boehringer-Ingelheim : Healthcare - Medtronic : Healthcare - Novartis : Healthcare - BMS/Pfizer : Healthcare - XO : Healthcare
Fernandez-Aviles Francisco	<p>2020</p> <p>Other Positions of Influence</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.</p> <ul style="list-style-type: none"> - Healthcare - VALVULAR, MYOCARDIAL, PERICARDIAL, PULMONARY, CONGENITAL HEART DISEASE - EDWARDS LIFESCIENCES
Foldager Dan	<p>2020</p> <p>Other Positions of Influence</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology.</p> <ul style="list-style-type: none"> - 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.)

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Expert	Type of Relationship with Industry
Fragakis Nikolaos	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : speaker fees - Boehringer-Ingelheim : speaker fees - Pfizer : speaker fees - Menarini : speaker fees
Gadler Fredrik	<p>2020</p> <p>Nothing to be declared</p>
Gallego Garcia De Vinuesa Pastora	<p>2020</p> <p>Nothing to be declared</p>
Geller Laszlo Alajos	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : Speaker fee - Biotronik : Speaker fee - Johnson & Johnson : Speaker fee - Abbott Vascular : Speaker fee
Gorenek Bulent	<p>2020</p> <p>Financial Declaration</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.</p> <ul style="list-style-type: none"> - Astra Zeneca : ACS

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Expert	Type of Relationship with Industry
Gorenek Bulent	<p>2020</p> <ul style="list-style-type: none"> - Sanofi Aventis : ACS - Roche Diagnostics : ACS - Bayer : Atrial Fibrillation - Sandoz : Atrial fibrillation - Sanovel : Atrial fibrillation - Daiichi Sankyo : Atrial Fibrillatipn, ACS - Deva : Hypertension
Groben Laurent	<p>2020</p> <p>Nothing to be declared</p>
Guerra Ramos Jose M	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : Consultancy - Zoll Medical : Consultancy <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Biosense Webster : Research funding to my research group
Haggi Abdeddayem	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : Honoraria, investigator - Boston Scientific : Honoraria, investigator, advisory board fees - Boehringer-Ingelheim : speaker fees - Servier : speaker fees

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Expert	Type of Relationship with Industry
Haggi Abdeddayem	2020 - Philadelphia Pharma : speaker fees
Haugaa Kristina Hermann	2020 Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Novartis : speaker fees
Hendriks Jeroen	2020 Nothing to be declared
Kahan Thomas	2020 Financial Declaration Research funding from healthcare industry under your direct/personal responsibility (to department or institution). - Medtronic : Renal denervation - Recor : Renal denervation
Kalejs Oskars	2020 Financial Declaration Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Astra Zeneca : Cardiovascula Pharmacotherapy - Servier : Cardiovascular Pharmacotherapy - Novartis : Cardiovascular Pharmacotherapy. - Bayer AG : Cardiovascular Pharmacotherapy.
Kalysov Kurbanbek	2020 Nothing to be declared

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Expert	Type of Relationship with Industry
Karvonen Jarkko	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : CRT - Medtronic : Leadless pacing
Katus Hugo	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Boehringer Ingelheim : Symposium General Cardiology <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.</p> <ul style="list-style-type: none"> - Bayer AG : Chair symposium anticoagulation therapies <p>Other Positions of Influence</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.</p> <ul style="list-style-type: none"> - Healthcare - HEART FAILURE - Co-founder of a start up on gene therapy (AaviGen) for heart failure. No earnings
Khachatryan Armen	<p>2020</p> <p>Nothing to be declared</p>
Kichou Brahim	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Sanofi Aventis : Hypertension

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Expert	Type of Relationship with Industry
Konradi Aleksandra	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Novartis : hypertension - Krka Pharma : hypertension - Gedeon Richter : hypertension - Servier : hypertsniion
Koskinas Konstantinos	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Amgen : Cardiology - Daiichi Sankyo : Cardiology <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.</p> <ul style="list-style-type: none"> - Novartis : Cardiology
Laish-Farkash Avishag	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Edwards Lifesciences : consultancy - Biotronik : proctoring CRT implantation - Boehringer-Ingelheim : speaker fee

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Expert	Type of Relationship with Industry
Laish-Farkash Avishag	<p>2020</p> <p>Travel and meeting support from healthcare industry, independent of the above activities. - Biotronik : EMB (Expert Meeting Berlin) annual meeting</p>
Law Hannah	<p>2020</p> <p>Nothing to be declared</p>
Lewis Basil S	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Vifor International : Heart failure - 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>
Leyva Francisco	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Abbott : Device therapy - Medtronic : Device therapy - Microport : Device therapy</p>
Linde Cecilia	<p>2020</p> <p>Financial Declaration</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). - Roche Diagnostics : heart failure biomarkers</p>

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Expert	Type of Relationship with Industry
Linde Cecilia	<p>2020</p> <ul style="list-style-type: none"> - Astra Zeneca : heart failure biomarkers, proteomics lipidomics <p>Research funding (personal) from healthcare industry.</p> <ul style="list-style-type: none"> - Stockholm County Council : devices and heart failure - Swedish heart lung foundation, : devices and heart failure - Swedish research council : heart failure epidemiology
Linker Nicholas John	<p>2020</p> <p>Other Positions of Influence</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology.</p> <ul style="list-style-type: none"> - Trustee and Medical Director of the Arrhythmia Alliance
Lochen Maja-Lisa	<p>2020</p> <p>Nothing to be declared</p>
Lumens Joost	<p>2020</p> <p>Nothing to be declared</p>
Mairesse Georges H	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Boehringer-Ingelheim : antico - Pfizer : antico - Bristol Myers Squibb : antico - Daiichi Sankyo : cholesterol - Abbott : pacemakers - Biotronik : pacemakers - Microport : training pacemakers

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Expert	Type of Relationship with Industry
Mairesse Georges H	<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.</p> <ul style="list-style-type: none"> - Boehringer-Ingelheim : antico - Medtronic : pacemakers <p>Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Abbott : pacemakers
Margitfalvi Peter	<p>2020</p> <p>Nothing to be declared</p>
Marinskis Germanas	<p>2020</p> <p>Financial Declaration</p> <p>Research funding (personal) from healthcare industry.</p> <ul style="list-style-type: none"> - Guidant Europe : AF ablation device clinical trial
Mascherbauer Julia	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : TAVI <p>Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Biomedica : Coronary artery disease <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Pfizer : Cardiac amyloidosis - Edwards Lifesciences : Mitral valve repair
Meine Mathias	<p>2020</p> <p>Nothing to be declared</p>

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Expert	Type of Relationship with Industry
Milasinovic Goran	<p>2020</p> <p>Nothing to be declared</p>
Milliez Paul Ursmar	<p>2020</p> <p>Nothing to be declared</p>
Mjølstad Ole Christian	<p>2020</p> <p>Nothing to be declared</p>
Mullens Wilfried	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Pfizer : consultancy - Astra Zeneca : speaker fees - Medtronic : speaker fees - Boehringer-Ingelheim : speakers fees
Nagy Klaudia Vivien	<p>2020</p> <p>Nothing to be declared</p>
Papasavvas Ilias	<p>2020</p> <p>Nothing to be declared</p>
Poposka Lidija	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Alkaloid Skopje : CVD prevention - Bayer : NOAC - Pfizer : NOAC

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Expert	Type of Relationship with Industry
Popov Sergey Valentinovich	<p>2020</p> <p>Nothing to be declared</p>
Prescott Eva	<p>2020</p> <p>Nothing to be declared</p>
Raatikainen Pekka	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : Cardia rhythm management - Stereotaxis : Cardiac rhythm management - Biosense Webster : Cardiac rhythm management - Pfizer/BMS : Oral anticoagulation <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Biosense Webster : Ventricular tachyarrhythmia ablation (unrestricted grant for international multicenter trial))
Rakisheva Amina	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Bayer : Atrial Fibrillation - Novartis : Heart Failure
Reichlin Tobias	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : Leadless Pacing & extracardiac ICD

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Expert	Type of Relationship with Industry
Reichlin Tobias	<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.</p> <ul style="list-style-type: none"> - Boston Scientific : Mapping System, Ablation Catheters, Pacemaker & ICD's - Biotronik : Mapping System, Ablation Catheters, Pacemaker & ICD's - Bayer : NOAC - Medtronic : Pacemaker & ICD's <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Biosense Webster : Mapping & Ablation - Abbott/SJM : PM & ICD - Medtronic : PM & ICD, Ablation - Boston Scientific : PM & ICD, Mapping & Ablation - Biotronik : PM, ICD & ICM
Ricci Renato Pietro	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - DOMPE' FARMACEUTICI S.P.A : ADVISORY BOARD
Rizov Mihail	<p>2020</p> <p>Nothing to be declared</p>
Sammut Mark Adrian	<p>2020</p> <p>Financial Declaration</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.</p> <ul style="list-style-type: none"> - Abbott : Devices

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Expert	Type of Relationship with Industry
Sammut Mark Adrian	<p>2020</p> <p>Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Biotronik : Devices and ablation
Scherr Daniel	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Boehringer-Ingelheim : Speaker fee - Daiichi Sankyo : Speaker fee - Medtronic : Speaker fee - Pfizer : Speaker fee - Biotronik : Speaker fee - Bayer Healthcare : Speaker fee - Zoll Medical : Speaker fee
Sheahan Richard	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Daiichi Sankyo : Honoria for presentations <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.</p> <ul style="list-style-type: none"> - Daiichi Sankyo : Investigator <p>Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Servier : Travel support

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Expert	Type of Relationship with Industry
Shlyakhto Evgeny	<p>2020</p> <p>Nothing to be declared</p>
Silliste Calin	<p>2020</p> <p>Nothing to be declared</p>
Sitges Marta	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : Heart Valve Disease - Edwards Lifesciences : Heart Valve Disease - Medtronic : Heart Valve Disease <p>Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Abbott : Heart Valve Disease - Edwards Lifesciences : Heart Valve Disease <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Bristol Myers Squibb : Atrial Fibrillation - Menarini : Continuous Education on Cardiovascular Diseases - Novartis : Heart Failure - Merck Sharp & Dohme : Hypercholesterolemia <p>Other Positions of Influence</p> <p>Employment in healthcare industry (including part time) during the year for which you are declaring.</p> <ul style="list-style-type: none"> - Speaker and consultant for Abbot.

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Expert	Type of Relationship with Industry
Sousa Uva Miguel	<p>2020</p> <p>Nothing to be declared</p>
Sterlinski Maciej	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : CIEDs - Medtronic : CIEDs - Biotronik : CIEDs - Pfizer : NOACs - Zoll Medical : WCD
Sutton Richard	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic Inc. : Consultant - General - Abbott Laboratories Consultant : Pacing, syncope and scientific writing <p>Other Positions of Influence</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.</p> <ul style="list-style-type: none"> - Healthcare - ALL AREAS OF CARDIOLOGY - Shareholder in Edwards Lifesciences Corp. and Boston Scientific Inc. <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology.</p> <ul style="list-style-type: none"> - Member of the Medical Advisory Committee of Syncope Trust and Anoxic Reflex Syncope patients organisation

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Expert	Type of Relationship with Industry
Suwalski Piotr	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : cardiovascular surgery - St Jude Medical : cardiovascular surgery - Atricure : cardiovascular surgery
Svendsen Jesper Hastrup	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : Advisory board <p>Receipt of royalties for intellectual property.</p> <ul style="list-style-type: none"> - munksgaard (Danish publisher) : Editor of "Medicinsk Kompendium 19th edition" <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Medtronic : Research grant <p>Other Positions of Influence</p> <p>Employment in healthcare industry (including part time) during the year for which you are declaring.</p> <ul style="list-style-type: none"> - Consultant for insurance company. <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology.</p> <ul style="list-style-type: none"> - Member of the Danish Heart Foundation

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Expert	Type of Relationship with Industry
Taborsky Milos	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Boehringer-Ingelheim : Anticoagulation therapy - Bayer Healthcare : Anticoagulation therapy - Astra Zeneca : CAD - Biotronik : Cardiac Pacing
Touyz Rhian	<p>2020</p> <p>Financial Declaration</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.</p> <ul style="list-style-type: none"> - Novartis : Consultancy-expert opinion
Van Gelder Isabelle C	<p>2020</p> <p>Financial Declaration</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Daiichi Sankyo : Atrial Fibrillation - Medtronic : Atrial Fibrillation
Velagic Vedran	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Bayer : speaker fee - Novartis : speaker fee - Pfizer : speaker fee

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Expert	Type of Relationship with Industry
Velagic Vedran	<p>2020</p> <ul style="list-style-type: none"> - Berlin Menarini : speaker fee - Krka Pharma : speaker fee - PLIVA : speaker fee - Servier : speaker fees - Medtronic : speaker fees, proctoring, investigator
Velchev Vasil	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : CIED - Pfizer : Eliquis - Actelion : PH - Boston Scientific : renal denervation - Bayer : xarelto
Veltmann Christian	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Medtronic : Cardiac Rhythm Management - Johnson & Johnson : Catheter ablation - Cardiovascular Therapeutics : Heart Failure - Roche Diagnostics : Stroke prevention

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Expert	Type of Relationship with Industry
Vernooy Kevin	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Abbott : speaker fee - Philips : speaker fee</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. - Medtronic : consultancy</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). - Medtronic : investigator initiated research grant</p>
Vinther Michael	<p>2020</p> <p>Nothing to be declared</p>
Voitk Jyri	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Abbott : Investigator</p>
Vukmirovic Mihailo	<p>2020</p> <p>Nothing to be declared</p>
Waltenberger Johannes	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Daiichi Sankyo : thrombosis</p>

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Expert	Type of Relationship with Industry
Waltenberger Johannes	<p>2020</p> <p>Other Positions of Influence</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology. - German Heart Foundation (Deutsche Herzstiftung)</p>
Whinnett Zachary	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc. - Abbott : Cardiac pacing - Medtronic : Cardiac pacing - Micropace : Cardiac Pacing</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). - Medtronic : Cardiac Pacing</p>
Witte Klaus	<p>2020</p> <p>Financial Declaration</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 - Medtronic : Heart failure - Abbott Vascular : Heart failure - Cardiac Dimensions : Heart failure</p> <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution). - Medtronic : Heart failure</p>

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Expert	Type of Relationship with Industry
Zarif John	2020 Nothing to be declared
Zecchin Massimo	2020 Financial Declaration 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. - Bristol Myers Squibb : PI in the ARTESIA study
Zupan Igor	2020 Nothing to be declared

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Expert	Type of Relationship with Industry
Lewis Basil S	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Vifor International : Heart failure - Kowa : Lipidology - CSL Behring : Lipidology, Secondary prevention <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.</p> <ul style="list-style-type: none"> - Kowa : Lipidology
Linhart Ales	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Servier : Arterial hypertension, coronary heart disease, heart failure - Boehringer-Ingelheim : Atrial fibrillation, diabetes - Sanofi Aventis : Fabry disease - Takeda Pharmaceuticals : Fabry disease
Lochen Maja-Lisa	<p>2020</p> <p>Nothing to be declared</p>
Neubeck Lis	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Daiichi Sankyo : Atrial fibrillation

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Expert	Type of Relationship with Industry
Neubeck Lis	<p>2020</p> <ul style="list-style-type: none"> - Pfizer : Atrial fibrillation - Novo-Nordisk : CVD diabetes - Servier : Digital health
Nielsen Jens Cosedis	<p>2020</p> <p>Other Positions of Influence</p> <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology.</p> <ul style="list-style-type: none"> - Member of Danish Heart Foundation <p>Any other interest (financial or otherwise) that should be declared in view of holding an ESC position.</p> <ul style="list-style-type: none"> - I received institutional research grants from the Novo Nordisk Foundation
Petersen Steffen Erhard	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Circle Cardiovascular Imaging, Inc : Cardiac MRI and CT analysis and reporting software <p>Other Positions of Influence</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.</p> <ul style="list-style-type: none"> - Healthcare - IMAGING - Circle Cardiovascular Imaging Inc., Calgary, Canada (25,000 shares at Canadian dollars \$1.50 each.) <p>Membership or affiliation in political, advocacy or patients organisations working in the field of cardiology.</p> <ul style="list-style-type: none"> - Membership British Cardiovascular Society, Royal College of Physicians, British Medical Association.
Prescott Eva	<p>2020</p> <p>Nothing to be declared</p>

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Expert	Type of Relationship with Industry
Rakisheva Amina	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Bayer : Atrial Fibrillation - Novartis : Heart Failure
Sitges Marta	<p>2020</p> <p>Financial Declaration</p> <p>Direct personal payment from healthcare industry: speaker fees, honoraria, consultancy, advisory board fees, investigator, committee member, etc.</p> <ul style="list-style-type: none"> - Abbott : Heart Valve Disease - Edwards Lifesciences : Heart Valve Disease - Medtronic : Heart Valve Disease <p>Travel and meeting support from healthcare industry, independent of the above activities.</p> <ul style="list-style-type: none"> - Abbott : Heart Valve Disease - Edwards Lifesciences : Heart Valve Disease <p>Research funding from healthcare industry under your direct/personal responsibility (to department or institution).</p> <ul style="list-style-type: none"> - Bristol Myers Squibb : Atrial Fibrillation - Menarini : Continuous Education on Cardiovascular Diseases - Novartis : Heart Failure - Merck Sharp & Dohme : Hypercholesterolemia

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Expert	Type of Relationship with Industry
Sitges Marta	<p>2020</p> <p>Other Positions of Influence</p> <p>Employment in healthcare industry (including part time) during the year for which you are declaring. - Speaker and consultant for Abbot.</p>
Touyz Rhian	<p>2020</p> <p>Financial Declaration</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 : Consultancy-expert opinion</p>