



**Canadian Cardiovascular Society/Canadian Heart Failure Society Heart Failure Guidelines: Trial Update 2019**

Panel Member's Relationships with Industry (RWI)

The CCS is committed to preserving the scientific integrity of its Guidelines and Position Statements through transparency and management of relationships with industry (RWI). Panel members must disclose all relationships with industry regardless of relevance to the guideline topic (see below). When a potential conflict exists, the affected member must recuse during the formal consensus voting process. For more information on the CCS Guideline Development process, please visit [www.ccs.ca](http://www.ccs.ca).

Affiliations with commercial organizations within the previous two years that may have a direct or indirect connection to the content of this guideline.

Member	Consulting Fees/ Honoraria	Clinical Trials	Other Financial Benefit
<b>Primary Panel and Secondary Panel Writing Members</b>			
Eileen O'Meara	Novartis, Otsuka, Pfizer, Servier	Bayer, National Institutes of Health, Novartis, Merck, Teva	None
Michael McDonald	Novartis, Servier	None	None
Michael Chan	AstraZeneca, Novartis, Servier	Merck, Novartis	None
Anique Ducharme	Abbot Vascular, Akcea, Alnylam, Amgen, AstraZeneca, Bayer, Novartis, Pfizer, Servier	Abbot, Corvia, Novartis, Pfizer, Servier	None
Justin A. Ezekowitz	Amgen, Bayer, Boehringer Ingelheim, Bristol-Myers Squibb/Pfizer, Merck, Novartis, Servier	American Regent, Amgen, Applied Therapeutics, AstraZeneca, Bayer, Bristol-Myers Squibb, CIHR, Merck, Novartis, Pfizer, Sanofi, Trevena	None
Nadia Giannetti	Amgen, AstraZeneca, Bayer, Boehringer Ingelheim, BMS/Pfizer Alliance, Novartis, Servier	Amgen, Boehringer Ingelheim, Merck, Novartis, Pfizer, Servier	None
Adam Grzeslo	Novartis	None	None
George A. Heckman	None	None	None
Jonathan G. Howlett	Abbot Vascular, AstraZeneca, Bayer, Boehringer Ingelheim, Medtronic, Merck, Novartis, Otsuka, Pfizer, Servier, St. Jude Medical	Amgen, AstraZeneca, Bayer, Johnson & Johnson, Medtronic, Novartis, Servier	None
Sheri L. Koshman	None	None	None
Serge Lepage	Novartis, Sanofi, Servier	Amgen, Merck, Novartis	None
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Gordon W. Moe	Novartis, Otsuka, Pfizer	Merck, Novartis, Otsuka	None
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Mustafa Toma	Abbott, Bayer, Novartis, Servier	Abbott, Bayer, Merck, Novartis, Servier	None
Sean Virani	Abbot, Amgen, AstraZeneca, Bayer, Boehringer Ingelheim, Medtronic, Novartis, BMS/Pfizer, Servier, Takeda	Abbot, AstraZeneca, Bayer, Boehringer Ingelheim, Medtronic, Novartis, Pfizer	None
Shelley Zieroth	Abbot, Akcea, Alnylam, Amgen, AstraZeneca, Boehringer Ingelheim, Cardiol Therapeutics, Novartis, Pfizer, Servier	Amgen, Astra Zeneca, Bayer, Boehringer Ingelheim, Merck, Novartis	None
Sabe De	Actelion, Bayer, Medtronic, Novartis, Pfizer, Servier	Amgen, AstraZeneca, GE, Novartis, Theracos	None

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Sylvain Matteau	Novartis, Amgen	None	None
Marie-Claude Parent	None	Bayer, Merck, Novartis	None
<b>External Reviewers</b>			
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Gideon Cohen			
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Nowell Fine	Pfizer, Alnylam, Akcea, Amgen, Sanofi-Genzyme	Pfizer	None
Subodh Verma	Amgen, AstraZeneca, Bayer, Boehringer-Ingelheim, Eli Lilly, Janssen, Merck, Novartis, Novo Nordisk, Sanofi, Sun Pharmaceuticals	Amgen, AstraZeneca, Bayer, Boehringer-Ingelheim, Bristol-Myers Squibb, Eli Lilly, Janssen, Merck, Novo Nordisk, Sanofi	None
David Cherney	Janssen, Boehringer Ingelheim/Eli Lilly, AstraZeneca, Merck, Sanofi, Novo Nordisk, Prometic, Esperion, BMS, Bayer	Janssen, Boehringer Ingelheim/Eli Lilly, AstraZeneca, Merck, Sanofi	None
<b>Secondary Panel</b>			
Howard Abrams	None	Boehringer Ingelheim	None
Abdul Al-Hesayen	Novartis, Servier	Amgen, Theracos	None
Alain Cohen-Solal	Amgen, Astra Zeneca, Boehringer Ingelheim, CVRX, Menarini, Novartis, MSD, Roche, Sanofi-Aventis, Servier, Vifor	Amgen, Impulse-Med, MSD, Novartis, Servier, Vifor	None
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Diego Delgado	Novartis, Pfizer, Servier, Akcea and Alnylam	Boehringer Ingelheim	None
Olivier Desplantie	Boehringer Ingelheim, Novartis, Servier	Boehringer Ingelheim, Bayer	Amgen
Estrellita Estrella-Holder	CORE, Servier, Novartis	None	None
Lee Green	None	None	None
Haissam Haddad	None	None	None
Karen Harkness	None	None	None
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Simon Kouz	Amgen, AstraZeneca, Bayer, Boehringer Ingelheim, Bristol-Myers Squibb, Medtronic, Novartis, Pfizer, Sanofi, Servier, Merck, Eli Lilly, Bausch	AstraZeneca, Boehringer Ingelheim, DalCor, Eisai, Esperion, GlaxoSmithKline, Merck, Novartis, Pfizer, Sanofi, Theracos, Amarin Pharma, Providence St. Joseph's and St. Michael's Healthcare, MHCC	Amgen, AstraZeneca, Biogen, Boston Scientific, Celgen, Gilead, Medtronic, Johnson & Johnson, Novartis, Roche, Sanofi, Bausch, GlaxoSmithKline, Bristol-Myers Squibb, TG therapeutics, Becton Dickinson & Co, Spectrum therapeutics

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<b>Member</b>	<b>Consulting Fees/ Honoraria</b>	<b>Clinical Trials</b>	<b>Other Financial Benefit</b>
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Douglas Lee	None	None	None
Frederick A. Masoudi	American College of Cardiology, JournalWatch Cardiology, Massachusetts Medical Society, UpToDate, American Board of Internal Medicine	None	TurningPoint Healthcare Solutions
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Miroslaw Rajda	Novartis, Otsuka, Pfizer, Roche, Servier	Amgen, Bayer, Novartis, Servier	None
Heather J. Ross	None	None	None
Bruce Sussex	Amgen, AstraZeneca, Merck, Pfizer	None	None