

Program

CSI Focus D-HF 2023

Friday, December 8th
CSI LOUNGE

Time	Session	Speakers	Min	Notes
07:00-08:00	E-Posters		60	

Friday, December 8th

LECTURE ROOM

Time	Session	Speakers	Min	Notes
08:00-09:05	LV remodeling devices		65	
	MODERATORS: - Daniel Burkhoff - Kerstin Piayda			
	PANELISTS: - Elmir Omerovic - Ellen Ostenfeld - Justien Cornelis			
09:55-10:02	Physical mechanisms of LV reverse remodeling: what the ideal device should address and how to measure success		7	
10:02-10:05	<i>discussion</i>		3	
10:05-10:12	Revivent	Martin Swaans	7	
10:12-10:16	<i>discussion</i>		4	
10:16-10:23	Accucinch	Ulrich Jorde	7	
10:23-10:27	<i>discussion</i>		4	
10:27-10:34	MIRTH (Myocardial Intramural Remodeling by Transvenous Tether)		7	
10:34-10:38	<i>discussion</i>		4	
10:38-10:45	Transcatheter Alginate Hydrogel injection		7	
10:45-10:49	<i>discussion</i>		4	
10:49-10:56	V-sling	Horst Sievert	7	
10:56-11:00	<i>discussion</i>		4	
Time	Session	Speakers	Min	Notes
09:05-10:40	Neuromodulation in the management of heart failure and its comorbidities: diabetes, sleep apnea, hypertension and arrhythmias		95	
	MODERATORS: - Felix Mahfoud - Howard R. Levin			
	PANELISTS: - Philipp Lurz - Christian Ukena - Lucas Lauder - Amr Abdin			
08:00-08:07	Update on renal denervation in hypertension: RF vs. ultrasound vs. chemoablation		7	
08:07-08:23	Interactive panel discussion on expanding indications (HFpEF, HFrEF, Afib, VT)		16	
08:23-08:30	Phrenic nerve stimulation in central sleep apnea and heart		7	

	failure			
08:30-08:35	<i>discussion</i>		5	
08:35-08:42	Electrical baroreceptor stimulation		7	
08:42-08:47	<i>discussion</i>		5	
08:47-08:54	Mechanical baroreceptor stimulation	Horst Sievert	7	
08:54-08:59	<i>discussion</i>		5	
08:59-09:06	Splanchnic nerve modulation in HFpEF	Howard R. Levin	7	
09:06-09:11	<i>discussion</i>		5	
09:11-09:18	Pulmonary artery denervation (PADN) for PAH/ pulmonary hypertension	Alexander Rothman	7	
09:18-09:23	<i>discussion</i>		5	
09:23-09:30	Backbeat cardiac neuromodulation therapy for hypertension: and maybe heart failure?	Felix Mahfoud	7	
09:30-09:35	<i>discussion</i>		5	
Time	Session	Speakers	Min	Notes
10:55-12:30	Atrioventricular valvular interventions		95	
	MODERATORS: - Nicolas Van Mieghem - Hueseyin Ince			
	PANELISTS: - Mitja Lainscak - Ralph Stephan von Bardeleben - Fabien Praz - Marianna Adamo			
15:40-15:48	Heart failure and secondary mitral regurgitation: indications, timing and outcomes of transcatheter mitral valve interventions	Marianna Adamo	8	
15:48-15:55	<i>discussion</i>		7	
	Is trace or mild residual MR the holy grail for all?			
15:55-16:01	Pro: The less the better	Ralph Stephan von Bardeleben	6	
16:01-16:07	Con: Moderate will do the job according to the trials	Nicolas Van Mieghem	6	
16:07-16:15	<i>discussion</i>		8	
16:15-16:23	Secondary tricuspid regurgitation: is it only ventricular or atrial in nature?	Philipp Lurz	8	
16:23-16:30	<i>discussion</i>		7	
16:30-16:38	When to intervene in tricuspid regurgitation: is there evidence?		8	
16:38-16:45	<i>discussion</i>		7	

16:45-16:50	Medical therapy in right heart failure and tricuspid regurgitation: is there more than diuretics?		5	
16:50-16:58	40 years' experience in surgical therapy: outcome benefit?	Gry Dahle	8	
16:58-17:06	5 years' experience in transcatheter therapy: ready for primetime yet?	Nicolas Van Mieghem	8	
17:06-17:15	<i>discussion</i>		9	
Time	Session	Speakers	Min	Notes
12:30-13:20	Innovation with ECMO		50	
	MODERATORS: - Navin Kapur - Daniel Burkhoff			
	Debate:			
12:30-12:35	ECMO will die in the next decade	Uwe Zeymar	5	
12:35-12:40	ECMO will grow in the next decade		5	
12:40-12:45	<i>discussion</i>		5	
12:45-12:50	ProtekDuo: current applications and future iterations	Marc Maybauer	5	
12:50-12:53	<i>discussion</i>		3	
12:53-12:58	Spectrum Cannula innovation (RV cannula)		5	
12:58-13:01	<i>discussion</i>		3	
13:01-13:08	Breethe ECMO platform		7	
13:08-13:12	<i>discussion</i>		4	
13:12-13:17	Fresenius ECMO platform		5	
13:17-13:20	<i>discussion</i>		3	
Time	Session	Speakers	Min	Notes
13:50-14:05	Keynote lecture		15	
13:50-14:05	Fluid dynamics of the heart and heart failure	Arash Kheradvar	15	
Time	Session	Speakers	Min	Notes
14:05-15:40	Durable mechanical circulatory support		95	
	MODERATORS: - Ulrich Jorde			
	PANELISTS: - Navin Kapur - Daniel Burkhoff - Domenico D'Amario - Aron Popov			
14:05-14:11	LVAD vs transplant: where have all the pumps gone?	Gry Dahle	6	
14:11-14:15	<i>discussion</i>		4	

	Debate:			
14:15-14:20	For end stage heart failure my primary strategy is LVAD		5	
14:20-14:25	For end stage heart failure my primary strategy is transplant		5	
14:25-14:33	<i>discussion</i>		8	
14:33-14:39	Can we postpone LVAD / transplant by transcatheter mitral valve interventions?	Volker Rudolph	6	
14:39-14:43	<i>discussion</i>		4	
14:43-14:51	HM3 update	Ulrich Jorde	8	
14:51-14:54	<i>discussion</i>		3	
14:54-14:58	Leviticus	Michael Zilbershlag	4	
14:58-15:01	<i>discussion</i>		3	
15:01-15:05	TBC		4	
15:05-15:08	<i>discussion</i>		3	
15:08-15:12	CH Biomedical		4	
15:12-15:15	<i>discussion</i>		3	
15:15-15:19	Abiomed BTR		4	
15:19-15:22	<i>discussion</i>		3	
15:22-15:26	Other devices	Navin Kapur	4	
15:26-15:40	<i>discussion</i>		14	
Time	Session	Speakers	Min	Notes
15:55-17:15	Acute and transcatheter mechanical circulatory support		80	
	MODERATORS: - Navin Kapur - Daniel Burkhoff			
	PANELISTS: - Georg Nickenig - Fabien Praz - Matthias Paul			
15:55-16:03	A trans-valvular revolution in hemodynamic support	Navin Kapur	8	
16:03-16:08	<i>discussion</i>		5	
16:08-16:23	Patient-tailored concepts (vascular vs surgical implant, acute vs chronic support, native aortic valve vs TAVR, shock vs high rate PCI)		15	
16:23-16:27	Impella 5.5/BTR	Manreet Kanwar	4	
16:27-16:31	Impella ECP		4	
16:31-16:35	Magenta	David Israeli	4	
16:35-16:39	TBC		4	

16:39-16:43	Australian pump: Venstra	Suku Thambar	4	
16:43-16:47	PrePella	Navin Kapur	4	
16:47-16:51	Perkat		4	
16:51-16:55	Corinnova		4	
16:55-16:59	Supira		4	
16:59-17:15	<i>discussion</i>		16	
Time	Session	Speakers	Min	Notes
17:15-18:30	Trial design considerations		75	
	MODERATORS: - Stefan Anker - Felix Mahfoud			
	PANELISTS: - Jan van der Heyden - Antoon van den Eenden - Rami Kahwash			
17:15-17:22	The continuum of systolic function: is it important to trial design?	Marco Metra	7	
17:22-17:27	<i>discussion</i>		5	
17:27-17:34	M&M Endpoints: time to first vs recurrent events	Stefan Anker	7	
17:34-17:39	<i>discussion</i>		5	
17:39-17:57	What outcome measures are acceptable for patients, regulators, guideline writers?		18	
	How to manage guideline-directed medical therapy in the context of patient recruitment in device trials?			
17:57-18:05	"Take it easy and take what you get (within reason)" (because the ultimately treated patients will not be 100% on GDMT anyway)		8	
18:05-18:13	"Be conservative and manage GDMT in a 100% strict way (i.e. include the perfectly well treated patients only)	William T. Abraham	8	
18:13-18:18	<i>discussion</i>		5	
18:18-18:25	The meaning of the new WinRatio multi-component endpoints?	Tim Friede	7	
18:25-18:30	<i>discussion</i>		5	

Saturday, December 9th

CSI LOUNGE

Time	Session	Speakers	Min	Notes
07:00-08:00	E-Posters		60	

Saturday, December 9th

LECTURE ROOM

Time	Session	Speakers	Min	Notes
08:00-09:40	Left-to-right shunts		100	
	MODERATORS: - Martin Bergmann - Gry Dahle			
	PANELISTS: - Ralph Stephan von Bardeleben - William T. Abraham - Marat Fudim - Martin Swaans			
08:00-08:40	Live case		40	
08:40-08:48	Pathophysiological and clinical rationale for left to right intra atrial shunts	Rudin Pistulli	8	
08:48-08:52	<i>discussion</i>		4	
08:52-09:02	Important differences in devices and study designs: RESPONDER-HF, ALLAY-HF, RESPONDER, RELIEVE-HF, FROST	Stefan Anker	10	
09:02-09:07	<i>discussion</i>		5	
	Device parade:			
09:07-09:10	Corvia	Rudin Pistulli	3	
09:10-09:13	V-Wave		3	
09:13-09:16	Occlutech	Martin Bergmann	3	
09:16-09:19	Alleviant	Sergio Caravita	3	
09:19-09:22	InterShunt	Eugene Chung	3	
09:22-09:25	Apture		3	
09:25-09:28	Adona		3	
09:28-09:40	<i>discussion</i>		12	
Time	Session	Speakers	Min	Notes
09:40-11:00	Interventions to treat right heart failure		80	
	MODERATORS: - Ralph Stephan von Bardeleben - Gry Dahle			
	PANELISTS: - Marat Fudim - Stefan Anker - Carlo Gabriele Tocchetti - Mazen Albaghdadi			
10:00-10:08	Underrecognized RHF, disease diversity	Gry Dahle	8	

10:08-10:13	<i>discussion</i>		5	
10:13-10:21	Imaging modalities for RHF, implications for therapy	Martin Swaans	8	
10:21-10:26	<i>discussion</i>		5	
10:26-10:31	Invasive measurement modalities for RHF, implications for therapy	Alexander Rothman	5	
10:31-10:36	Trials I would like to see in the future of GDMT for right heart failure	Stefan Anker	5	
10:36-10:41	<i>discussion</i>		5	
10:41-10:49	Innovative devices for RHF: new kids on the block	Gry Dahle	8	
10:49-10:54	<i>discussion</i>		5	
10:54-11:02	What is the treatment target in patients with pulmonary hypertension and how to identify them?	Philipp Lurz	8	
11:02-11:07	<i>discussion</i>		5	
11:07-11:15	Interatrial shunting in patients with severe pulmonary hypertension	Dietmar Schranz	8	
11:15-11:20	<i>discussion</i>		5	
Time	Session	Speakers	Min	Notes
11:20-13:30	Telemedicine		130	
	MODERATORS: - William T. Abraham - Marat Fudim			
	PANELISTS: - Friedrich Köhler - Alexander Rothman - Tarek Bekfani			
11:20-11:28	Remote monitoring: current state of affairs, challenges and opportunities		8	
11:28-11:34	<i>discussion</i>		6	
	Invasive devices:			
11:34-11:42	Cardiomems	Philip Adamson	8	
11:42-11:48	<i>discussion</i>		6	
11:48-11:54	Endotronix: pulmonary arterial sensor	Jozef Bartunek	6	
11:54-11:59	<i>discussion</i>		5	
11:59-12:05	V-LAP: physician-directed patient self-management of heart failure using an implanted left atrial pressure monitoring system	Aviv Shaul	6	
12:05-12:10	<i>discussion</i>		5	
12:10-12:16	Reveal LINQ-HF: predicting heart failure events using LINQ derived data and other physiological parameters	Rami Kahwash	6	
12:16-12:21	<i>discussion</i>		5	

	Non-invasive devices:			
12:21-12:27	Where do we stand with currently approved technologies: Scales, Blood pressure cuffs, ReDS, and Zoll BMAD	Tarek Bekfani	6	
12:27-12:32	<i>discussion</i>		5	
12:32-12:38	Non invasive technologies to measure intracardiac pressures	Marat Fudim	6	
12:38-12:43	<i>discussion</i>		5	
12:43-12:49	Cordio HearO: changes in voice status for monitoring of volume status	William T. Abraham	6	
12:49-12:54	<i>discussion</i>		5	
12:54-13:00	How artificial intelligence will change everything		6	
13:00-13:05	<i>discussion</i>		5	
13:05-13:11	Alio	Marat Fudim	6	
13:11-13:16	<i>discussion</i>		5	
13:16-13:30	How to move forward: what is the future of telemedicine		14	
Time	Session	Speakers	Min	Notes
13:30-13:45	Keynote lecture		15	
13:30-13:45	Advanced cancer as CV disease: how could device based technologies help?	Stefan Anker	15	
Time	Session	Speakers	Min	Notes
13:45-14:20	Contractility modulation		35	
	MODERATORS: - William T. Abraham - Marat Fudim			
13:45-13:53	Cardiac-synchronized diaphragmatic stimulation in heart failure	Marat Fudim	8	
13:53-14:00	<i>discussion</i>		7	
14:00-14:06	CCM therapy	William T. Abraham	6	
14:06-14:10	<i>discussion</i>		4	
14:10-14:16	CPNS for ADAH		6	
14:16-14:20	<i>discussion</i>		4	
Time	Session	Speakers	Min	Notes
14:40-16:45	Decongestion and renal perfusion improvement		125	
	MODERATORS: - Marat Fudim - Howard R. Levin			

	PANELISTS: - Gry Dahle - Felix Mahfoud - Kerstin Piayda - Sitaramesh Emani			
14:40-14:47	Cardiorenal syndrome: What we know and what we don't know.		7	
14:47-14:52	<i>discussion</i>		5	
14:52-14:59	Multiparameter heart failure sensor with interstitial fluid pressure measurement	Alexander Rothman	7	
14:59-15:04	<i>discussion</i>		5	
15:04-15:11	Concept of DRI2P2S for the management of the cardiorenal syndrome	Daniel Burkhoff	7	
15:11-15:16	<i>discussion</i>		5	
15:16-15:23	The pullers . Preload reducing therapies : Precardia, splanchnic nerve modulation	Navin Kapur	7	
15:23-15:28	<i>discussion</i>		5	
15:28-15:35	Doraya-HF: safety and feasibility assessment of the Doraya catheter in patients with ADHF and insufficient response to diuretics	Eugene Chung	7	
15:35-15:40	<i>discussion</i>		5	
15:40-15:47	The pushers. Cardiac output increase for the management of the cardiorenal syndrome	Karl-Philipp Rommel	7	
15:47-15:52	<i>discussion</i>		5	
15:52-15:59	Volume removal strategies. Smart diuresis: from aquapheresis to diuretic management system (Reprive)	Sitaramesh Emani	7	
15:59-16:04	<i>discussion</i>		5	
16:04-16:11	Volume removal strategies. Strategies targeting the lymphatic system		7	
16:11-16:16	<i>discussion</i>		5	
16:16-16:23	Clinical experience with the eLym system for thoracic duct decompression in ADHF patients	William T. Abraham	7	
16:23-16:28	<i>discussion</i>		5	
16:28-16:35	Cardiac plexus nerve stimulation	William T. Abraham	7	
16:35-16:45	<i>discussion</i>		10	
Time	Session	Speakers	Min	Notes
16:45-17:30	How to move the field forward		45	
	MODERATORS: - William T. Abraham - Stefan Anker			
	PANELISTS: - Alex Carter			
16:45-16:50	Unmet need		5	

16:50-16:54	Technology	Tor Peters	4	
16:54-16:58	Finance		4	
16:58-17:02	Trial Design	Felix Mahfoud	4	
17:02-17:06	Regulatory: from European depression to US optimism		4	
17:06-17:10	Guidelines	Stefan Anker	4	
17:10-17:15	How your research/device might get challenged from the economical point of view	Alex Carter	5	
17:15-17:30	<i>discussion</i>		15	