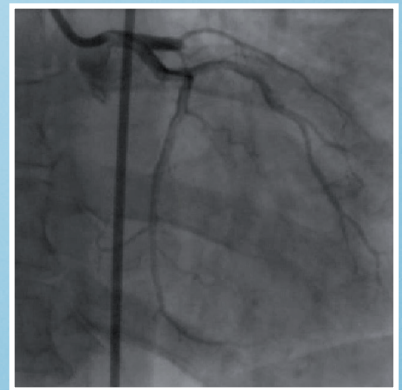
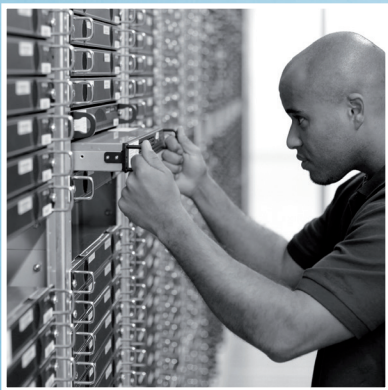


# CARDIO NETWORKS.ORG

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## ANNUAL REPORT 2023



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Improving access to medical knowledge

# CARDIONETWORKS IN BRIEF

The Cardionetworks Foundation is a non-profit organization founded in 2007 and based in The Netherlands. The goals of the foundation are: “to improve medical knowledge, especially in the field of cardiology, and to provide access to this knowledge by facilitating publications in digital or other form, amongst other means by building and maintaining websites.” As a not-for-profit organization, all revenues are spent in the pursuit of this cause.

Cardionetworks manages specialized websites, providing high quality and up-to-date information freely to physicians all around the world. Our websites are all published under a creative commons license and the information is accessible without login or registration.

## Make a donation

As a charitable enterprise, we rely entirely on the generosity of our supporters to allow us to continue in our work. To join our growing list of supporters please contact [vanderwerf@cardionetworks.org](mailto:vanderwerf@cardionetworks.org) to discuss the best way to contribute.

Every cent you are able to give helps us further promote free global access to vital medical information and resources. Please know that the board members of the Cardionetworks.org Foundation are not receiving financial compensation for their work.

Thank you for your generosity.

# MESSAGE FROM THE FOUNDATION BOARD

Welcome to the 2023 annual report of the Cardionetworks Foundation. As we reflect on another year of growth and service, we are proud to share the strides we have made in our mission to provide free, unbiased, and up-to-date medical knowledge to the global healthcare community.

This year marked a significant technological leap for our foundation. We invested in a state-of-the-art server upgrade to enhance the reliability and efficiency of our platforms. With these advancements, we introduced optimized support for serving images and videos, ensuring a seamless and enriched user experience for our global audience. These updates have empowered healthcare professionals, students, and researchers to access critical resources more efficiently than ever before.

Our commitment to an open-access philosophy remains unwavering. By maintaining our Creative Commons licensing model, we continue to enable unrestricted, global access to high-quality medical content without the need for registration or payment barriers.

As we celebrate these achievements, we acknowledge the challenges faced by the global medical community in a rapidly evolving healthcare landscape. The Cardionetworks Foundation remains dedicated to adapting and innovating to meet these demands while staying true to our core values.

Our website traffick appears to stabilize over time with about 1.2 million visitors per month world-wide.

We express our deepest gratitude to the volunteers, partners, and users who have made these advancements possible. Your support and engagement inspire us to continually improve and expand our reach.

Thank you for being a part of this journey.

Jonas de Jong, MD, PhD, Chair

Pieter Postema, MD, PhD, Secretary

Christian van der Werf, MD, PhD, Treasurer

The Cardionetworks Foundation board.

# CARDIONETWORKS RESOURCES

Cardionetworks' first project was ECGpedia.org, an online electrocardiography course. We have since created, and continue to maintain, around 30 individual websites, all dedicated to improving medical knowledge in the field of cardiology. We subscribe to the HONcode principles of the Health On the Net Foundation.

Anyone can contribute to the Cardionetworks websites through Mediawiki software. We welcome all improvements to our websites. All suggestions for improvement are screened by physician moderators.

## ECGpedia

ECGpedia is a free electrocardiography (ECG) course and textbook designed for medical professionals such as cardiac care nurses and physicians. It is the primary website of the CardioNetworks Foundation. Since its foundation ECGpedia has become an important source of up-to-date information on ECG interpretation. The website now includes more than 2500 example ECG's provided by contributors around the world. Current efforts are directed towards improvement of the readability of the websites, more interactivity with visitors (quizzes and polls). A comprehensive online ECG basics course with exam is now available (moodle.ecgpedia.org). In addition, an iBook version of the website has been developed.

## Textbook of Cardiology

The Textbook of Cardiology is an up-to-date and freely accessible online cardiovascular reference work. This is a project in collaboration with the Health[e]Foundation. The Health[e]Foundation has much experience with HIV education for medical professionals in developing countries. Requests came forward from participants for cardiovascular education. In collaboration the textbook has now been written. It will be made available online by Cardionetworks and offline by the Health[e] Foundation which will include the text on USB sticks that are distributed through their network.

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Anyone can  
contribute to  
Cardionetworks.  
We welcome all  
improvements to  
our websites.

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# Contributors to the online Textbook of Cardiology

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- Pier Woudstra, MD, AMC, The Netherlands

## Echopedia

Echopedia is a free echocardiography textbook, designed for medical professionals such as cardiologists and echocardiography technicians. The site is still under development. Echopedia now contains more than 900 echocardiogram images from more than 170 cases provided by the AMC Echolab. An overview of all echocardiographic normal values is now presented on the website. In 2013 we received an excellent contribution of basic text chapters that were missing and are currently being converted to the website format.

## PCIpedia

PCIpedia is a free textbook on intervention cardiology, designed for medical professionals such as cardiologists and cathlab technicians. The site is still under development. The first batch of coronary angiography cases is now online. Also, a start has been made to introduce visitors to angiographic coronary anatomy and technique. A pocket reference card has been developed and printed to give a quick review of coronary angiographic views.

## BrugadaDrugs.org

The Brugada syndrome has been recognized as an important cause of sudden cardiac death in individuals at a relatively young age. Many drugs have been associated with adverse events in Brugada-syndrome patients. These drugs may either induce life-threatening ventricular arrhythmias and/or induce the characteristic Brugada syndrome-linked ECG abnormalities which are associated with poor outcome.

BrugadaDrugs.org provides an overview on the available evidence and expert opinion regarding drug safety in Brugada syndrome. And is the result of a recently performed review of the literature. BrugadaDrugs.org ensures worldwide and up-to-date availability of this knowledge base to physicians and patients. This site was launched by Pieter Postema and is hosted by Cardionetworks.

## Foundation websites

[www.brugadadrugs.org](http://www.brugadadrugs.org)

[www.cardiolinks.org](http://www.cardiolinks.org)

[www.cardionetworks.org](http://www.cardionetworks.org)

[www.ecgpedia.org](http://www.ecgpedia.org)

[www.echopedia.org](http://www.echopedia.org)

[www.pcipedia.org](http://www.pcipedia.org)

[www.syncopedia.org](http://www.syncopedia.org)

[www.textbookofcardiology.org](http://www.textbookofcardiology.org)

[www.thefailingheart.org](http://www.thefailingheart.org)

[www.thrombopedia.org](http://www.thrombopedia.org)

[www.QTcalculator.org](http://www.QTcalculator.org)

## Offline content

While the majority of our effort at Cardionetworks is focused towards delivering high-quality, freely-available medical information over the Internet, we also offer certain information and training offline.

ECGpedia pocket cards are available and have been proved very popular. They can be printed out online, and ordered in a full colour and laminated print. More than 12000 preprinted cards have been distributed.

Live ECGpedia courses have proved very popular amongst the following groups:

- Dutch medical students
- Anesthetist residents
- General practioners
- Junior doctors
- Anesthesia and internal medicine residents

A PCIpedia pocket card has been published

An Echopedia pocket card has been published

# FOUNDATION BOARD



***Jonas S.S.G. de Jong, MD, PhD, FESC***  
***Chair***

*Cardiologist, electrophysiologist  
Onze Lieve Vrouwe Gasthuis  
The Netherlands.*



**Pieter G. Postema, MD, PhD**  
**Secretary**

Cardiologist, electrophysiologist  
Amsterdam University Medical Centers, Academic  
Medical Centre, University of Amsterdam  
The Netherlands.



**Christian van der Werf, MD, PhD**  
**Treasurer**

Cardiologist  
Amsterdam University Medical Centers, Academic Medical  
Centre, University of Amsterdam  
The Netherlands



# CARDIONETWORKS' MISSION

“To improve medical knowledge, especially in the field of cardiology, and to provide access to this knowledge by facilitating publications in digital or other form, amongst other by building and maintaining websites.”

# FINANCIAL REPORT

Accounts 01.01.2023	1696		
Revenues		Expenses	
Donations	3300	Banking	250
Reference card & book revenues	2960	Webhosting costs	2423
Webhosting	34	Content development & office	0
		Reference cards	3538
		Reservation	0
Total	6294		6212

Accounts 31.12.2023	1777		
Balance sheet 2021			
Assets		Debts	
Accounts	1777	Capital	1777
		Accounts payable	0
Total	1777		1777

# CONTACT

## The Cardionetworks Foundation

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ING Bank account IBAN NL55PSTB0002382426



Registered with the Chamber of Commerce Amsterdam

KVK 34274298 (as: Stichting Cardionetworks)

The Dutch Tax Administration has designated the Cardionetworks Foundation as an Public Benefit Organisation (ANBI, Algemeen Nut Beogende Instelling). Gifts to the Cardionetworks Foundation can be tax deducted in the Netherlands. This not only applies to the deduction of donations for the income tax but also to the company tax and inheritance tax.




# CREATIVE COMMONS

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-  to Remix — to adapt the work.



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