

Charity Registration No. 287863

Company Registration No. 01751398 (England and Wales)

ST. MARY'S CORONARY FLOW TRUST

(COMPANY LIMITED BY GUARANTEE)

**EXECUTIVE COMMITTEE'S REPORT AND UNAUDITED FINANCIAL
STATEMENTS**

FOR THE YEAR ENDED 28 FEBRUARY 2021

ST. MARY'S CORONARY FLOW TRUST

(COMPANY LIMITED BY GUARANTEE)

LEGAL AND ADMINISTRATIVE INFORMATION

Members Of The Executive Committee	Dr R Foale Prof P S Sever Prof J Mayet Dr D Davies Dr P Kanagaratnam
Charity number	287863
Company number	01751398
Registered office	c/o International Centre for Circulatory Health 1st Floor, C Block Hammersmith Hospital, Du Cane Road London W12 0HP
Independent examiner	Harwood Hutton (London) LLP 4 Devonshire Street London W1W 5DT

ST. MARY'S CORONARY FLOW TRUST (COMPANY LIMITED BY GUARANTEE) CONTENTS

	Page
Executive Committee's report	1 - 4
Independent examiner's report	5
Statement of financial activities	6
Balance sheet	7
Notes to the financial statements	8 - 13

**ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
EXECUTIVE COMMITTEE'S REPORT (INCLUDING DIRECTORS' REPORT)
FOR THE YEAR ENDED 28 FEBRUARY 2021**

The Members of the Executive Committee present their report and financial statements for the year ended 28 February 2021.

The accounts have been prepared in accordance with the accounting policies set out in note to the accounts and comply with the Trust's [governing document], the Charities Act 2011 and "Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102)(effective 1 January 2015)"

Objectives and activities

1. The objectives and activities of the St Mary's Coronary Flow Trust (CFT) as in previous years, are to continue to support and promote research into arterial vessel disease and cardiovascular health. We have continued our support for the Imperial College Electrophysiology, a world class subspeciality of electrical conditions of the heart. The overall remit for this research funding stream is to provide interim support for junior doctors in their early research careers to assist in their applications from the larger established grant organisations, e.g. British Heart Foundation. We, the CFT have, with the Foundation For Circulatory Health (FFCH), based our activity from offices at both St Mary's Hospital clinical site and the Hammersmith Hospital campus. This space supporting research by the CFT has provided office space for NHS and CFT clinical research staff. This has been an invaluable resource when developing new Covid based research during the 2019/20/21 pandemic.

2. We continue to be active in background support of junior colleagues at Imperial College Trust. This support will be considered for properly submitted projects from senior colleagues as and when necessary to support the research goals of the Trust. Exceptional funding requirements for travel grants to specified individuals who may further the aims of the Trust, to the Annual Conference where clinical and research outcomes at Imperial college are presented, to IT support for executives to help further their work, and to projects and refurbishment for office building and decorative works to house those colleagues with a direct interest in the Trust, will again be considered by the Committee.

3. The publications are attached in the Appendix.

4. In February 2021, the early work of the Coronary Flow Trust with respect to physiological measurements of coronary flow (J Davies, S Sen, et al) were recognised by world acknowledged guidelines published by the Joint Cardiology Guideline Committee of the American College of Cardiology/American Heart Association. These mandated the use of CFT inspired and supported technology for the physiological assessment of significance of angiographic coronary stenosis. This was the ultimate in recognition of the "early starter" research for the Coronary Flow Trust and is a strong acknowledgement of the vision of the IC Trust in supporting such early new untested initiatives.

**ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
EXECUTIVE COMMITTEE'S REPORT (CONTINUED)(INCLUDING DIRECTORS'
REPORT)**

FOR THE YEAR ENDED 28 FEBRUARY 2021

5. The objectives and activities have continued to principally promote research into arterial disease of the heart. We have been funding interim support for young doctors moving from an early training arena to research activities and enable them to find space for developing research base at Imperial College until successful grant applications from established organisations have been achieved. This bridge of finance for young research minds is the cornerstone of identifying successful life changing clinical applications in the future and has been achieved by our past efforts. We have continued our association with the foundation for circulatory health (FFCH). Publications have continued and revolve around the development of iFR techniques, that is to say pressure wire measurements of a significant coronary stenosis in coronary artery disease. These techniques have been developed and have achieved worldwide recognition and status and their beginnings are entirely due to the support from the St Mary's Coronary Flow Trust. The members of the Executive Committee have paid due regard to guidance issued by the Charity Commission in deciding the advisability of funding for such projects. Applications have also been accepted and more are being considered for developments into the electrical field of the heart and publications have resulted from this important developing field, based at Hammersmith Hospital, under the directions of Dr Zach Whinnet, reader in Electrophysiology and Professor Prapa Kanagaratnum head of Department. These are emerging innovative fields where interim funding support is invariably hard fought.

6. The committee meets regularly to consider proposals put forward by members within the department. Whilst applications are considered from all sectors, within the limit of the constitution, priority is given to coronary flow related practice, as indeed suggested in our name, and associated electrical conditions. The Trustees maintain the policy which is communicated to the beneficiaries, of making one off grants with no guarantee of long term funding, but the possibility of future funding contingent on successful research outcome. Thus to emphasise, the principal underlying this funding is to provide a bridge until the new researchers can obtain formal British Heart Foundation or other major Grant giving agencies, e.g. The Wellcome Trust.

7. The committee welcomes applications from the widely diverse Clinical groups from the broader Imperial College Trust and its officers are available to discuss the projects most likely to capture the interests of the committee in funding schemes.

7. The Trust's policy is to consult and discuss with any employees, through unions, staff councils and at meetings, matters likely to affect employees' interests.

8. Information of matters of concern to any employees is given through information bulletins and reports which seek to achieve a common awareness on the part of all employees of the financial and economic factors affecting the group's performance.

9. Applications for employment by disabled persons are always fully considered, bearing in mind the aptitudes of the applicant concerned. In the event of members of staff becoming disabled, every effort is made to ensure that their employment within the Trust continues and that the appropriate training is arranged. It is the policy of the Trust that the training, career development and promotion of disabled.

**ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
EXECUTIVE COMMITTEE'S REPORT (CONTINUED)(INCLUDING DIRECTORS'
REPORT)**

FOR THE YEAR ENDED 28 FEBRUARY 2021

Achievements and performance

The results for the year are set out on page 6.

The Members of the Executive Committee have adopted a reserves policy that will, for a two year period, protect the personnel involved in the development of the Coronary Interventional database. The Executive Committee considers that a level of reserves of £60,000 is required to satisfy this policy and intended to maintain reserves at that level. Currently the reserves of the Trust are £335,059 (2020 £330,441).

The Executive Committee has assessed the major risks to which the Trust is exposed, and are satisfied that systems are in place to mitigate exposure to the major risks.

The Coronary Flow Trust will continue to support individuals working within this domain and to build on the successes of the last several years. The Trustees will consider additional Trustees as this be required with imminent retirements and an ever changing technological climate, requiring Trustees that are entirely up to date with the technology. The Trustees will attempt to keep abreast of compliance issues in relation to governance of this charity. There are many exciting new developments including some early success in publishing work on pressure and flow measurement in native and experimental coronary artery models. This represents a major advance for the Trust's aims and the Trust will continue to develop this research and attempt to obtain funding for this.

Stucture, governance and management

The Trust is a company limited by guarantee and has no share capital. The company was incorporated on 8 September 1983. Each member has undertaken to contribute to the assets of the company in the event of the same being wound up while he/she is a member, or within a year of ceasing to be a member, for payment of debts and liabilities of the company contracted before ceasing to be a member, and of the costs, charges and expenses of winding up, and for the adjustments of the rights of the contributors amongst themselves, such amount as may be required not exceeding £1.

The company is a registered charity number 287863.

The directors of the company are also charity trustees and under the company's Articles of Association are known as members of the Executive Committee. Members of the Executive Committee must be members of the company.

**ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
EXECUTIVE COMMITTEE'S REPORT (CONTINUED)(INCLUDING DIRECTORS'
REPORT)**

FOR THE YEAR ENDED 28 FEBRUARY 2021

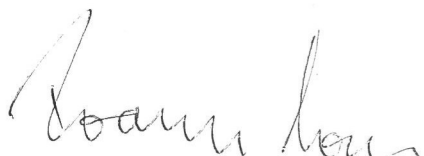
The Members of the Executive Committee, who are also the directors for the purpose of company law, and who served during the year and up to the date of signature of the financial statements were:

Dr R Foale
Prof P S Sever
Prof J Mayet
Dr D Davies
Dr P Kanagaratnam

New members of the Executive Committee can be proposed to the existing committee, and their addition to that committee are by unanimous decision.

The trustees meet on a monthly basis informally and on an annual basis for the AGM. The day to day running of the charity is undertaken by Eric Stevenson. During the course of this financial year, the Committee met and with regret accepted a notice period for the resignation of Mr Eric Stevenson, our Company Secretary over many years. Arrangements will be made to consider his replacement perhaps through a joint endeavour with the foundation of Circulatory Health (FFCH).

The Executive Committee has assessed the major risks to which the Trust is exposed, and are satisfied that systems are in place to mitigate exposure to the major risks.



Dr R Foale

Dated: 6 October 2021

**ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
INDEPENDENT EXAMINER'S REPORT**

**TO THE MEMBERS OF THE EXECUTIVE COMMITTEE OF ST. MARY'S CORONARY
FLOW TRUST**

I report to the Members of the Executive Committee on my examination of the financial statements of St. Mary's Coronary Flow Trust (the Trust) for the year ended 28 February 2021.

Responsibilities and basis of report

As the Members of the Executive Committee of the Trust (and also its directors for the purposes of company law) you are responsible for the preparation of the financial statements in accordance with the requirements of the Companies Act 2006 (the 2006 Act).

Having satisfied myself that the financial statements of the Trust are not required to be audited under Part 16 of the 2006 Act and are eligible for independent examination, I report in respect of my examination of the Trust's financial statements carried out under section 145 of the Charities Act 2011 (the 2011 Act). In carrying out my examination I have followed all the applicable Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act.

Independent examiner's statement

I have completed my examination. I confirm that no matters have come to my attention in connection with the examination giving me cause to believe that in any material respect:

- 1 accounting records were not kept in respect of the Trust as required by section 386 of the 2006 Act; or
- 2 the financial statements do not accord with those records; or
- 3 the financial statements do not comply with the accounting requirements of section 396 of the 2006 Act other than any requirement that the accounts give a true and fair view which is not a matter considered as part of an independent examination; or
- 4 the financial statements have not been prepared in accordance with the methods and principles of the Statement of Recommended Practice for accounting and reporting by charities applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102).

I have no concerns and have come across no other matters in connection with the examination to which attention should be drawn in this report in order to enable a proper understanding of the financial statements to be reached.



Yuen Man Anna Bulmer FCA FCPA(HK)
Harwood Hutton (London) LLP

4 Devonshire Street
London
W1W 5DT

Dated: 6 October 2021

**ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
STATEMENT OF FINANCIAL ACTIVITIES
INCLUDING INCOME AND EXPENDITURE ACCOUNT
FOR THE YEAR ENDED 28 FEBRUARY 2021**

	Notes	Unrestricted funds 2021 £	Unrestricted funds 2020 £
<u>Income from:</u>			
Donations and legacies	3	52,479	91,088
Investments	4	-	2
Total income		<u>52,479</u>	<u>91,090</u>
<u>Expenditure on:</u>			
Charitable activities	5	<u>47,861</u>	<u>88,521</u>
Net income for the year/ Net movement in funds		4,618	2,569
Fund balances at 29 February 2020		<u>330,441</u>	<u>327,872</u>
Fund balances at 28 February 2021		<u><u>335,059</u></u>	<u><u>330,441</u></u>

The statement of financial activities includes all gains and losses recognised in the year.

All income and expenditure derive from continuing activities.

The statement of financial activities also complies with the requirements for an income and expenditure account under the Companies Act 2006.

ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
BALANCE SHEET

AS AT 28 FEBRUARY 2021

	Notes	2021 £	£	2020 £	£
Current assets					
Cash at bank and in hand		338,059		333,441	
Creditors: amounts falling due within one year	12	(3,000)		(3,000)	
Net current assets			335,059		330,441
Income funds					
Unrestricted funds			335,059		330,441
			335,059		330,441

The company is entitled to the exemption from the audit requirement contained in section 477 of the Companies Act 2006, for the year ended 28 February 2021.

The director acknowledges his responsibilities for ensuring that the charity keeps accounting records which comply with section 386 of the Act and for preparing financial statements which give a true and fair view of the state of affairs of the company as at the end of the financial year and of its incoming resources and application of resources, including its income and expenditure, for the financial year in accordance with the requirements of sections 394 and 395 and which otherwise comply with the requirements of the Companies Act 2006 relating to financial statements, so far as applicable to the company.

The members have not required the company to obtain an audit of its financial statements for the year in question in accordance with section 476.

These financial statements have been prepared in accordance with the provisions applicable to companies subject to the small companies regime.

The financial statements were approved by the Members Of The Executive Committee on 6 October 2021

Dr R Foale
Trustee



Company Registration No. 01751398

**ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
NOTES TO THE FINANCIAL STATEMENTS
FOR THE YEAR ENDED 28 FEBRUARY 2021**

1 Accounting policies

1.1 Accounting convention

The accounts have been prepared in accordance with the Trust's governing document, the Companies Act 2006 and "Accounting and Reporting by Charities: Statement of Recommended Practice applicable to charities preparing their accounts in accordance with the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS 102)" (as amended for accounting periods commencing from 1 January 2016). The Trust is a Public Benefit Entity as defined by FRS 102.

The Trust has taken advantage of the provisions in the SORP for charities applying FRS 102 Update Bulletin 1 not to prepare a Statement of Cash Flows.

The financial statements are prepared in sterling, which is the functional currency of the Trust. Monetary amounts in these financial statements are rounded to the nearest £.

The financial statements have been prepared under the historical cost convention, modified to include the revaluation of freehold properties and to include investment properties and certain financial instruments at fair value. The principal accounting policies adopted are set out below.

1.2 Going concern

At the time of approving the financial statements, the Members of the Executive Committee have a reasonable expectation that the Trust has adequate resources to continue in operational existence for the foreseeable future. Thus the Members of the Executive Committee continue to adopt the going concern basis of accounting in preparing the financial statements.

1.3 Charitable funds

Unrestricted funds are available for use at the discretion of the Members of the Executive Committee in furtherance of their charitable objectives.

Restricted funds are subject to specific conditions by donors as to how they may be used. The purposes and uses of the restricted funds are set out in the notes to the financial statements.

Endowment funds are subject to specific conditions by donors that the capital must be maintained by the Trust.

1.4 Incoming resources

Income is recognised when the Trust is legally entitled to it after any performance conditions have been met, the amounts can be measured reliably, and it is probable that income will be received.

Cash donations are recognised on receipt. Other donations are recognised once the Trust has been notified of the donation, unless performance conditions require deferral of the amount. Income tax recoverable in relation to donations received under Gift Aid or deeds of covenant is recognised at the time of the donation.

Voluntary income and donations are accounted for as received by the Trust. All other income is accounted for on an accruals basis.

ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)
FOR THE YEAR ENDED 28 FEBRUARY 2021

1 Accounting policies

(Continued)

1.5 Resources expended

Liabilities are recognised as resources expended as soon as there is a legal or constructive obligation committing the Trust to the expenditure. All expenditure is accounted for on an accrual basis. Charitable expenditure comprises those costs incurred by the Trust in furtherance of the objectives of the Trust. Governance costs associated with the preparation the preparation of the financial statements and any other constitutional and statutory requirements.

Contribution for the funding of researchers' salaries are accounted for when paid or otherwise when the Trust has committed to and communicated this to the third party. No contingent funding is accrued for.

1.6 Tangible fixed assets

Tangible fixed assets are initially measured at cost and subsequently measured at cost or valuation, net of depreciation and any impairment losses.

Depreciation is recognised so as to write off the cost or valuation of assets less their residual values over their useful lives on the following bases:

Fixtures, fittings & equipment	5 years straight line
--------------------------------	-----------------------

1.7 Cash and cash equivalents

Cash and cash equivalents include cash in hand, deposits held at call with banks, other short-term liquid investments with original maturities of three months or less, and bank overdrafts. Bank overdrafts are shown within borrowings in current liabilities.

Derecognition of financial liabilities

Financial liabilities are derecognised when the Trust's contractual obligations expire or are discharged or cancelled.

1.8 Fund accounting

The Trust only holds unrestricted funds, these are funds which can be used in accordance with the charitable company's objectives, at the discretion of the Executive Committee.

1.9 Income and expenditure account

A separate income and expenditure account has not been prepared as the Statement of Financial Activities on page 5 gives the information requires under the Companies Act 2006.

1.10 Value Added Tax

Value added tax is not recoverable by the Trust, as as such is included in the relevant costs in the Statement of Financial Activities.

ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)
FOR THE YEAR ENDED 28 FEBRUARY 2021

2 Critical accounting estimates and judgements

In the application of the Trust's accounting policies, the Members of the Executive Committee are required to make judgements, estimates and assumptions about the carrying amount of assets and liabilities that are not readily apparent from other sources. The estimates and associated assumptions are based on historical experience and other factors that are considered to be relevant. Actual results may differ from these estimates.

The estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognised in the period in which the estimate is revised where the revision affects only that period, or in the period of the revision and future periods where the revision affects both current and future periods.

3 Donations and legacies

	Unrestricted funds	Unrestricted funds
	2021	2020
	£	£
Donations and gifts	52,479	91,088
	<u> </u>	<u> </u>

4 Investments

	Total	Unrestricted funds
	2021	2020
	£	£
Interest receivable	-	2
	<u> </u>	<u> </u>

ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)
FOR THE YEAR ENDED 28 FEBRUARY 2021

5 Charitable activities

	2021 £	2020 £
Grant funding of activities	(538)	22,941
Grant funding of activities (see note 6)	32,052	49,243
Share of support costs (see note 7)	12,987	12,677
Share of governance costs (see note 7)	3,360	3,660
	<u>47,861</u>	<u>88,521</u>
Analysis by fund		
Unrestricted funds	<u>47,861</u>	
	<u>47,861</u>	
For the year ended 28 February 2020		
Unrestricted funds		<u>88,521</u>
		<u>88,521</u>

6 Grants payable

	Grant fundings 2021 £	Grant fundings 2020 £
Grants to institutions:		
Other	<u>32,052</u>	<u>49,243</u>
-		

ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)
FOR THE YEAR ENDED 28 FEBRUARY 2021

7 Support costs

	Support costs	Governance costs	2021	2020	Basis of allocation
	£	£	£	£	
Administrative services	12,987	-	12,987	12,677	
Governance costs	-	3,360	3,360	3,660	Governance
	<u>12,987</u>	<u>3,360</u>	<u>16,347</u>	<u>16,337</u>	

Governance costs include payment to the independent examiner of £3,000 (2020- £3,300) for independent examiner's fees.

8 Members Of The Executive Committee

None of the Members of the Executive Committee (or any persons connected with them) received any remuneration or were reimbursed for expenses during the year.

9 Employees

The average monthly number of employees during the year was:

	2021 Number	2020 Number
Total	-	-

10 Taxation

The Trust is registered charity, number 287863. It is exempt from taxation liabilities on its income.

11 Tangible fixed assets

	Fixtures, fittings & equipment £
Cost	
At 29 February 2020	1,700
At 28 February 2021	1,700
Depreciation and impairment	
At 29 February 2020	1,700
At 28 February 2021	1,700
Carrying amount	

ST. MARY'S CORONARY FLOW TRUST
(COMPANY LIMITED BY GUARANTEE)
NOTES TO THE FINANCIAL STATEMENTS (CONTINUED)
FOR THE YEAR ENDED 28 FEBRUARY 2021

12 Creditors: amounts falling due within one year

	2021	2020
	£	£
Accruals and deferred income	3,000	3,000
	<u> </u>	<u> </u>

13 Related party transactions

There were no disclosable related party transactions during the year (2020 - none).

Publications

The ectopy-triggering ganglionated plexuses in atrial fibrillation.

Kim MY, Sandler B, Sikkell MB, Cantwell CD, Leong KM, Luther V, Malcolm-Lawes L, Koa-Wing M, Ng FS, Qureshi N, Sohaib A, Whinnett ZI, Fudge M, Lim E, Todd M, Wright I, Peters NS, Lim PB, Linton NWF, Kanagaratnam P. *Auton Neurosci*. 2020 Nov;228:102699. doi: 10.1016/j.autneu.2020.102699. Epub 2020 Jul 21. PMID: 32769021

Electroanatomic Characterization and Ablation of Scar-Related Isthmus Sites Supporting Perimitral Flutter.

Katritsis G, Luther V, Cortez-Dias N, Carpinteiro L, de Sousa J, Lim PB, Whinnett Z, Ng FS, Koa-Wing M, Qureshi N, Chow A, Agarwal S, Jamil-Copley S, Peters NS, Linton N, Kanagaratnam P. *JACC Clin Electrophysiol*. 2021 Jan 20:S2405-500X(20)31185-3. doi: 10.1016/j.jacep.2020.10.017. Online ahead of print. PMID: 33516707

Targeting the ectopy-triggering ganglionated plexuses without pulmonary vein isolation prevents atrial fibrillation.

Sandler B, Kim MY, Sikkell MB, Malcolm-Lawes L, Koa-Wing M, Whinnett ZI, Coyle C, Linton NWF, Lim PB, Kanagaratnam P; other members of the Imperial College London, Cardiovascular Study Group/Consortium. *J Cardiovasc Electrophysiol*. 2021 Feb;32(2):235-244. doi: 10.1111/jce.14870. Epub 2021 Jan 19. PMID: 33421265

Anatomical Distribution of Ectopy-Triggering Plexuses in Patients With Atrial Fibrillation.

Kim MY, Sandler BC, Sikkell MB, Cantwell CD, Leong KM, Luther V, Malcolm-Lawes L, Koa-Wing M, Ng FS, Qureshi N, Sohaib A, Whinnett ZI, Fudge M, Lim E, Todd M, Wright I, Peters NS, Lim PB, Linton NWF, Kanagaratnam P. *Circ Arrhythm Electrophysiol*. 2020 Sep;13(9):e008715. doi: 10.1161/CIRCEP.120.008715. Epub 2020 Jul 27. PMID: 32718187

How achievable are COVID-19 clinical trial recruitment targets? A UK observational cohort study and trials registry analysis. *BMJ Open*. 2020 Oct 5;10(10):e044566. doi: 10.1136/bmjopen-2020-044566

Cunniffe NG, Gunter SJ, Brown M, Burge SW, Coyle C, De Soyza A, Dymond T, Esmail H, Francis DP, Galloway J, Galloway JB, Gkrania-Klotsas E, Greenaway J, Katritsis G, Kanagaratnam P, Knolle MD, Leonard K, McIntyre ZC, Prudon B, Rampling T, Torok ME, Warne B, Yates M, Matheson NJ, Su L, Villar S, Stewart GD, Toshner M.

COVID-19 and its impact on the cardiovascular system. *Open Heart*. 2021 Mar;8(1):e001472. doi: 10.1136/openhrt-2020-001472

Khawaja SA, Mohan P, Jabbour R, Bampouri T, Bowsher G, Hassan AMM, Huq F, Baghdasaryan L, Wang B, Sethi A, Sen S, Petraco R, Ruparel N, Nijjer S, Malik I, Foale R, Bellamy M, Kooner J, Rana B, Cole G, Sutaria N, Kanaganayagam G, Nihoyannopoulos P, Fox K, Plymen C, Pabari P, Howard L, Davies R, Haji G, Lo Giudice F, Kanagaratnam P, Anderson J, Chukwuemeka A, Khamis R, Varnava A, Baker CSR, Francis DP, Asaria P, Al-Lamee R, Mikhail GW.

Patterns of myocardial injury in recovered troponin-positive COVID-19 patients assessed by cardiovascular magnetic resonance. Eur Heart J. 2021 May 14;42(19):1866-1878. doi: 10.1093/eurheartj/ehab075

Kotecha T, Knight DS, Razvi Y, Kumar K, Vimalasvaran K, Thornton G, Patel R, Chacko L, Brown JT, Coyle C, Leith D, Shetye A, Ariff B, Bell R, Captur G, Coleman M, Goldring J, Gopalan D, Heightman M, Hillman T, Howard L, Jacobs M, Jeetley PS, Kanagaratnam P, Kon OM, Lamb LE, Manisty CH, Mathurdas P, Mayet J, Negus R, Patel N, Pierce I, Russell G, Wolff A, Xue H, Kellman P, Moon JC, Treibel TA, Cole GD, Fontana M. Patterns of myocardial injury in recovered troponin-positive COVID-19 patients assessed by cardiovascular magnetic resonance. Eur Heart J. 2021 May 14;42(19):1866-1878. doi: 10.1093/eurheartj/ehab075

Worldwide Survey of COVID-19-Associated Arrhythmias. Circ Arrhythm Electrophysiol. 2021 Mar;14(3):e009458. doi: 10.1161/CIRCEP.120.009458. Epub 2021 Feb

Coromilas EJ, Kochav S, Goldenthal I, Biviano A, Garan H, Goldbarg S, Kim JH, Yeo I, Tracy C, Ayanian S, Akar J, Singh A, Jain S, Zimerman L, Pimentel M, Osswald S, Twerenbold R, Schaerli N, Crotti L, Fabbri D, Parati G, Li Y, Atienza F, Zatarain E, Tse G, Leung KSK, Guevara-Valdivia ME, Rivera-Santiago CA, Soejima K, De Filippo P, Ferrari P, Malanchini G, Kanagaratnam P, Khawaja S, Mikhail GW, Scanavacca M, Abrahão Hajjar L, Rizerio B, Sacilotto L, Mollazadeh R, Eslami M, Laleh Far V, Mattioli AV, Boriani G, Migliore F, Cipriani A, Donato F, Compagnucci P, Casella M, Dello Russo A, Coromilas J, Aboyme A, O'Brien CG, Rodriguez F, Wang PJ, Naniwadekar A, Moey M, Kow CS, Cheah WK, Auricchio A, Conte G, Hwang J, Han S, Lazzerini PE, Franchi F, Santoro A, Capecchi PL, Joglar JA, Rosenblatt AG, Zardini M, Bricoli S, Bonura R, Echarte-Morales J, Benito-González T, Minguito-Carazo C, Fernández-Vázquez F, Wan EY.