

Human Organ Preservation Research Trust

Report and Financial Statements
for the Year Ended
31 December 2022

Charity Number 1001750
(Amended)

Human Organ Preservation Research Trust

Report of the Trustees for the Year Ended 31 December 2022

Objectives and Activities

Objectives:

- 1) Principally to conduct promote develop and co-ordinate for the benefit of the public research with a view to enabling the preservation of human organs after death for transplant purposes.
- 2) Secondly to conduct promote develop and co-ordinate for the benefit of the public research into the ageing process.

Activities:

Human Organ Preservation Research Trust acts as an information resource for potential cryonics patients and their families, other cryonics groups, medical service providers, regulatory bodies, the media and the general public. We carry out research and development in respect of emergency protocols, techniques and equipment. We also research the legal and logistical considerations affecting cryonics. The fruits of our research and development are made available in the form of operational documentation, practical training, technical reports and document templates. We also provide cryonics emergency assistance to members of the public.

Classification:

What – The advancement of education, the advancement of health or saving of lives, the advancement of science
Who – The general public / mankind
How – Sponsors, undertakes or provides education, research and the relief of human suffering

Achievements and Performance

The following activities were carried out to further our objectives:-

Training and Development:

March - Initial contacts made to source cryonics stabilisation medications within UK. It was determined that buying through local pharmacies, rather than wholesalers, may prove more successful due to the small and infrequent quantities required.

March - Hosted public training day in Sheffield to teach and practice stabilisation, perfusion and transportation protocols for cryonics, with the emphasis on minimising cellular deterioration, particularly to retain brain integrity and information retention.

April - New batch of M22 perfusate and stabilisation medications received from US cryonics provider, Alcor.

May - Scope of Power of Attorney documents expanded to enable increased functionality following live case experience.

May - Meeting to brief independent ambulance/paramedic service provider and discuss potential deal to provide professional medical staff for cryonics training and live call-outs.

March-July - Cryonics UK manual updated to cater for evolving stabilisation, perfusion and transportation protocols.

July - Hosted public training day in Sheffield to teach and practice stabilisation, perfusion and transportation protocols for cryonics, with the emphasis on minimising cellular deterioration, particularly to retain brain integrity and information retention.

August - Meeting with venture capital company to discuss substantial cryonics development project. Details confidential due to ongoing nature of proposals.

September - Hosted public training day in London to teach and practice stabilisation, perfusion and transportation protocols for cryonics, with the emphasis on minimising cellular deterioration, particularly to retain brain integrity and information retention.

September - Attended Emergency Services Show at NEC for networking and equipment research purposes.

Human Organ Preservation Research Trust

Report of the Trustees for the Year Ended 31 December 2022 - continued

December - Hosted public training day in Sheffield to teach and practice stabilisation, perfusion and transportation protocols for cryonics, with the emphasis on minimising cellular deterioration, particularly to retain brain integrity and information retention.

December - Meeting to brief alternative independent medical service provider and discuss potential deal to provide professional medical staff for cryonics training and live call-outs. Negotiations with initial provider in May fell through.

Public Awareness:

58 email enquiries from members of the public.

61 email enquiries from the media.

May - Interviewed for History of Inventions podcast hosted by Dallas Campbell of The Gadget Show.

June - Interviewed for BBC Radio 4 Listening Project. Broadcast in July 2022.

June - Took part in Channel 4 documentary 'Growing Up' with Kathy Burke. Broadcast in March 2023.

July - Took part in virtual reality filming for student documentary.

July - Initial discussions with ITN Productions regarding BBC Science documentary.

August - Took part in pilot documentary produced by Endemol for Netflix entitled Immortal.

September/October - Took part in documentary produced by a student at the National Film School of Denmark.

October - Cryonics UK training received positive review on the Live Forever Club blog.

Research:

March - Cryonics case in Newcastle involving cancer patient. Sign-up completed and deployment of cryonics team initiated simultaneously. Formal emergency assistance agreement used for first time. Hospital procedure plan and power of attorney documents proved useful in ensuring smooth co-operation with hospital. Perfusion proved challenging due to compromised vasculature but ultimately completed successfully. Reusable dry ice shipping case used for last time but will be retained in case of emergency.

March - Cryonics case in Nottingham involving existing Cryonics Institute and Cryonics UK member. Death was unexpected and occurred in evening. Ambulance service and police attended. Police agreed to grant custody of patient to Cryonics UK and local funeral director. Cooling with water ice was permitted until coroner's input had been sought. After consultation with Cryonics UK and patient's doctor in the morning, coroner decided to take no further action. No perfusion undertaken but patient in dry ice approximately 24 hours after death. Case provided valuable experience in dealing with coroner in relation to an unexpected death.

March-July - Tests carried out and results presented by Mike Carter in respect of measuring pressure loss in the perfusion circuit and in particular across varying diameters of cannula and at varying perfusate flow rates.

October - Cryonics case in Isle of Man involving existing Cryonics Institute member. Team deployed with several days to spare as rapid deployment not feasible due to the offshore location. As the IOM is an independent jurisdiction, this presented some legal uncertainties, however the legislation largely mirrors UK law. There was no readily available source of dry ice on the island so importing from the mainland involved significant transport costs and paperwork. Hospital mortuary out-of-hours procedures caused a notable delay in initiating patient stabilisation, however the local funeral director and registrar of births and deaths were extremely helpful and adaptable, playing a significant role in smoothing out the post-hospital elements. Perfusion went well with minor issues being resolved. The case involved the first use of a bio-seal bag, replacing the Ziegler case.

Human Organ Preservation Research Trust

Report of the Trustees for the Year Ended 31 December 2022 - continued

February-November - Seven last minute enquiries for standby and cryopreservation received in respect of potential patients with no existing cryonics arrangements or significant knowledge. Four of the potential cases were outside the UK. Four of the potential patients were already deceased. None of these enquiries progressed beyond phone calls or emails.

December - Cryonics case in Basingstoke involving existing Alcor member and well-known cryonics enthusiast. The patient died in hospital following a short illness. Despite the cryonics arrangements being known to the family, Alcor or Cryonics UK were not informed and a cremation was organised. However, Alcor became aware of the situation and Cryonics UK quickly recovered the patient for cryopreservation. Cryoprotective perfusion was not feasible due to the extended time since death.

Public Benefit

The trustees have had regard to the guidance issued by the Charity Commission on public benefit and can confirm they have complied with their duties under section 4 of the 2006 Charities Act.

Structure, Governance and Management

The charity is an unincorporated trust which is governed by a trust deed adopted on 7 December 1990 and amended on 1 January 2021. It was registered as a charity by the Charity Commission for England and Wales on 31 January 1991. The charity acts by way of its corporate trustee, HOPRT Trustee Ltd with company number 11926484. HOPRT Trustee Ltd is managed by a board of directors in collaboration with an advisory committee.

Register of Trustees

The appointment of trustees is made by those existing as Trustees. We meet regularly to review the business of the Charity.

Finances

The attached financial statements show the current state of the finances which the board consider to be sound.

Reserves Policy

To accumulate reserves in order to fund large equipment purchases and research projects.

Aims for the Future

- Increase involvement of volunteers, especially younger people, particularly in training.
- Improve efficiency of sign up procedure, particularly under emergency circumstances.
- To train with and utilise external paramedic services.
- Improve HOPRT's banking arrangements.
- Continue with updates of operational documentation.
- Conclude outstanding equipment development projects, particularly the new ice bath.
- Continue to explore avenues for raising public awareness of cryopreservation research and techniques.
- Research new avenues for improved equipment and cryopreservation techniques.
- Raise further funds to be able to afford larger scale research projects.
- Increase international co-operation between cryonics groups, improve international emergency readiness and host periodic training events around the UK and in Europe.

Human Organ Preservation Research Trust

Report of the Trustees for the Year Ended 31 December 2022 - continued

Reference and Administrative Information

Administration: Human Organ Preservation Research Trust known as Cryonics UK

Correspondence Address: 45 St Mary's Road
London
W5 5RG

Independent Examiner: Mr J Liptrott FCA
Haines Watts Nottingham Limited
Chartered Accountants
Cliffe Hill House
22-26 Nottingham Road
Stapleford
Nottingham
NG9 8AA

Banking Address: NatWest Bank Plc
1 The Mall
Ealing
London
W5 2PL

CAF Bank
25 Kings Hill
West Malling
Kent
ME19 4JQ

Registered Charity Number: 1001750

As a charity, Human Organ Preservation Research Trust has a corporate trustee that oversees the running of the organisation.

Trustee: HOPRT Trustee Ltd (from 01/01/2021)

Operating Name Cryonics UK

Declaration

I the Trustee declare I have approved the Trustees Report above, and am authorised to sign it on their behalf.

Full Name	Tim Gibson	Position	Trustee Board Member
Signature	<i>Tim Gibson</i>	Date	12/09/2024

Independent Examiner's Report to the Trustees of

Human Organ Preservation Research Trust

I report to the Trustees on my examination of the accounts of Human Organ Preservation Research Trust for the year ended 31 December 2022.

Responsibilities and basis of report

As the charity trustees of the Trust you are responsible for the preparation of the accounts in accordance with the requirements of the Charities Act 2011 ('the Act').

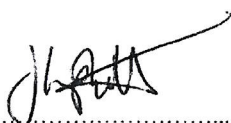
I report in respect of my examination of the Trust's accounts carries out under Section 145 of the 2011 Act and in carrying out my examination I have followed all applicable Directions given by the Charity Commission under Section 145(5)(b) of the Act.

Independent Examiner's Statement

I have completed my examination. I confirm that no material 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 130 of the Act; or
2. The accounts do not accord with those records.

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 accounts to be reached.



.....
Mr J Liptrott FCA
Chartered Accountant

Dated 12/19/24

Haines Watts
Chartered Accountants
Cliffe Hill House
22-26 Nottingham Road
Stapleford
Nottingham
NG9 8AA

Human Organ Preservation Research Trust

Receipts and Payments Account
for the Year Ended 31 December 2022

	<u>Restricted Funds</u>		<u>Unrestricted Funds</u>	
	2022	2021	2022	2021
	£	£	£	£
<u>BALANCE BROUGHT FORWARD</u>				
CAF Cash Current Account	-	-	50,964.33	33,768.35
CAF Gold Deposit Account	-	-	0.62	19,515.76
PayPal Account	-	-	18.92	18.92
NatWest Business Current Account	-	-	10,431.38	-
NatWest Deposit Account	-	-	1,000.08	-
	<hr/>	<hr/>	<hr/>	<hr/>
	-	-	62,415.33	53,303.03
<u>RECEIPTS</u>				
Investment income (Bank Interest)	-	-	205.37	1.82
Charitable Activities:				
Prepaid Cryopreservation funds	59,367.80	-	12,632.20	-
Subscriptions	-	-	13,660.00	13,611.80
Sale of equipment	-	-	189.29	313.26
Amazon Smile donations	-	-	24.60	22.21
Other Income	-	-	577.55	200.00
	<hr/>	<hr/>	<hr/>	<hr/>
	59,367.80	-	27,289.01	14,149.09
<u>PAYMENTS</u>				
Cost of Charitable Activities:				
Returned prepaid funds	20,313.19	-	-	-
Cryopreservation costs (prepaid)	38,431.88	-	-	-
Cryopreservation costs (not prepaid)	2,937.74	-	-	-
Ambulance running costs	-	-	2,124.06	1,870.93
Other motor and travel costs	-	-	893.41	-
Training costs	-	-	701.01	384.00
Postage, phone and miscellaneous admin	-	-	103.86	17.81
Consumables and equipment	-	-	1,130.36	943.80
BOC rental and refills	369.65	-	1,419.96	1,068.08
Support Costs:				
Bank charges	-	-	81.00	102.50
Insurance	-	-	444.34	254.67
ICO fee	-	-	35.00	35.00
Professional fees (accountant)	-	-	360.00	360.00
	<hr/>	<hr/>	<hr/>	<hr/>
	(62,052.46)	-	(7,293.00)	(5,036.79)
TOTAL RECEIPTS				
(LESS PAYMENTS)	(2,684.66)	-	19,996.01	9,112.30
<u>BALANCE CARRIED FORWARD</u>	<hr/>	<hr/>	<hr/>	<hr/>
	(2,684.66)	-	82,411.34	62,415.33
<u>REPRESENTED BY:</u>				
CAF Cash Current Account	-	-	18,584.45	50,964.33
CAF Gold Deposit Account	-	-	54,197.28	0.62
PayPal Account	-	-	18.92	18.92
NatWest Current Account	-	-	5,923.76	10,431.38
NatWest Deposit Account	-	-	1,002.27	1,000.08
	<hr/>	<hr/>	<hr/>	<hr/>
£	-	-	£ 79,726.68	£ 62,415.33

Human Organ Preservation Research Trust

Statement of Assets and Liabilities as at 31 December 2022

	<u>2022</u>		<u>2021</u>	
	<u>RESTRICTED</u>	<u>UNRESTRICTED</u>	<u>RESTRICTED</u>	<u>UNRESTRICTED</u>
<u>ASSETS</u>				
<u>Cash Funds</u>				
	£	£	£	£
CAF Bank Current Account	-	18,584.45	-	50,964.33
CAF Bank Deposit Account	-	54,197.28	-	0.62
PayPal Account	-	18.92	-	18.92
NatWest Current Account	-	5,923.76	-	10,431.38
NatWest Deposit Account	-	1,002.27	-	1,000.08
	-	-	-	-
	-	79,726.68	-	62,415.33
<u>Fixed Assets</u>				
Ambulance LK09 HDF	-	10,723.28	-	10,723.28
Equipment	-	10,969.83	-	10,914.87
<u>OTHER MONETARY ASSETS</u>				
Stock		9,101.34		9,585.12

Human Organ Preservation Research Trust

Notes to the Accounts for the Year Ended 31 December 2022

1. Accounting Policies

The accounts (financial statements) have been prepared in accordance with 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 (FRS102) issued 1st January 2019, the Financial Reporting Standard applicable in the UK and Republic of Ireland (FRS102), and the Charities Act 2011.

The accounts (financial statements) have been prepared to give a 'true and fair' view and have departed from the Charities (Accounts and Reports) Regulations 2008 only to the extent required to provide a 'true and fair' view. This departure has involved following the 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 (FRS102) Issued 1st January 2019 rather than the Accounting and Reporting by Charities: Statement of Recommended Practice effective from 1 April 2005 which has since been withdrawn.

a) Income

This is accounted for on a receivable basis in the period in which it is received.

b) Payments

These are accounted for as paid.

The charity meets the definition of a public benefit entity under FRS102.

The Trustees consider there are no material uncertainties about the charity's ability to continue as a going concern.

The accounts are presented in Sterling £.

2. Trustee Expenses

The following expenses were reimbursed in this year.

	<u>2022</u>	<u>2021</u>
	<u>£</u>	<u>£</u>
Suspension expenses (reimbursed costs only)	NIL	NIL

Any balance of expenses was paid to volunteers for suspension and equipment costs incurred in carrying out the charity's activities.

There are no other related party transactions to note.

3. Trustees' Remuneration

No remuneration or emoluments were received by the Trustees either in their capacity as Trustees or as members of the Board of Trustees and no emoluments paid in excess of £60,000.

4. Taxation

The charity is registered as a charity and as such no taxation is payable on the excess of income over expenditure.