

ARTHROPLASTY FOR ARTHRITIS CHARITY

CHARITY NO.: 1051165

**ANNUAL REPORT AND FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 NOVEMBER 2023**

Arthroplasty for
Arthritis Charity



ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

**ANNUAL REPORT AND FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 NOVEMBER 2023**

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ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

**GENERAL INFORMATION
FOR THE YEAR ENDED 30 NOVEMBER 2023**

Name:	Arthroplasty for Arthritis Charity
Registration Number:	1051165
Address:	57 Callicroft Road Patchway Bristol BS34 5BU
Bankers:	National Westminster Queen's Road Branch 40 Queen's Road Bristol BS8 1BF
Solicitors:	TLT 1 Redcliffe Street Bristol BS1 6TP
Trustees:	Dr Daniela Smith Dr Diana Pomeroy Dr David Coates Mr Jeremy Latham Mr Roger Proctor Prof Mehool Acharya Mr Phil Collard
Director:	Mr Evert Smith Consultant Orthopaedic Surgeon
Research Committee:	Dr Peter Lachman Prof Ian Clarke

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**OBJECTS AND POLICIES OF THE CHARITY
FOR THE YEAR ENDED 30 NOVEMBER 2023**

The Charity was established by Trust Deed in 1994 and the name and objects were widened in 2012:

- 1) To advance education into arthritis, joint replacements and trauma, with particular emphasis on hip replacement surgery.
- 2) To promote research into arthritis, joint replacement surgery and trauma, with a particular emphasis on hip replacements.
- 3) To disseminate the useful results of such research.

In order to further these objects the Charity will:

- 1) Undertake and manage research programmes.
- 2) Publish and disseminate the results of that research.
- 3) Undertake presentations on the results of the research.
- 4) Organise conferences, seminars and courses on relevant topical issues.

The Charity will operate in England and Wales but the beneficial area is national and international.

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DIRECTOR'S REPORT
FOR THE YEAR ENDED 30 NOVEMBER 2023

We remain committed to funding projects researching and uncovering knowledge of musculoskeletal joint pathologies, joint arthroplasty, ways of ensuring success, and possible solutions for problems and failures of joint replacements.

The Arthroplasty for Arthritis Charity are supporting important research from ExplantLab with the Director Dr David Langton, specifically their project '**Developing a novel algorithm to predict the risk of metal-on-polyethylene joint replacement failure**'.

ExplantLab are researching the variables associated with the success or failure of joint replacement including the role of implant design, manufacturing and surgical technique. The complexities of the response and the influence of immunogenetics on a patient's propensity to develop arthritis are also scrutinised.

Dr David Langton and his researchers have now published their ground-breaking work in 2022 in Nature Communications Medicine in an article entitled: *The influence of HLA genotype on the development of metal hypersensitivity following joint replacement*. They concluded that more resources should be directed towards improving the understanding of host-specific responses to implant materials, rather than focussing on controlling surgical factors.

With regard to the project we are supporting at the Royal National Orthopaedic Hospital NHS Trust : University College London, we have received regular comprehensive updates on the study investigating the effects of exercise on the musculoskeletal system, '**Improving People's Lifestyle: from Couch to 5K**'. This is a collaboration with researchers Professor Alister Hart, Prof Anna Di Laura, Dr Johann Henckel and others.

A publication, *Long distance running damages the hips is a false old belief!* - Orthopaedic Product News, 8-10 minutes, in November 2021, highlighted their research on this subject. Using MRI scans, the researchers performed an analysis and assessment of muscle health looking at muscle shape, volume and fat content in people with different grades of fitness. This has resulted in several publications by LM Horga, J Henckel, A Fotiadou, A Di Laura and others:

(i) *Intramuscular fat in gluteus maximus for different levels of physical activity* -[www.nature.com/scientificreports 2021](https://www.nature.com/scientificreports/2021).

(ii) *3.0 T MRI findings of 104 hips of asymptomatic adults: from non-runners to ultra-distance runner* BMJ Open Sport & Exercise Medicine 2021.

(iii) *Gender similarities and differences in skeletal muscle and body composition: an MRI study of recreational cyclists*. Belzunce, M.A., Henckel, J., Di Laura, A., Horga, L.M. and Hart, A.J., 2023. Published in BMJ Open Sport & Exercise Medicine, 9(3), p.e001672. doi: 10.1136/bmjsem-2023-001672. <https://bmjopensem.bmj.com/content/9/3/e001672>.

An application for funding was submitted by Associate Professor Anna di Laura et al from RNOH for

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DIRECTOR'S REPORT FOR THE YEAR ENDED 30 NOVEMBER 2023

project entitled ***"3D Patient Specific Instruments (PSI) for Implant Positioning in Total Hip Replacement"***. This was evaluated, discussed and finally approved by the Trustees, with a final contract being signed on 6 October 2023. The request was for funding for £102,652.02 over two years to fund a post-doctorate researcher part-time and this matched the funding which was being provided by The Rosetrees Trust (total cost of the project £205,304.04).

The Director of the charity, Evert Smith, engaged with a media student from the University of the West of England in 2022, in the development of a podcast on ***"E-Scooter Injuries in the UK"***. This was also written about in social media in October 2023, to highlight the dangers of e-scooter use.

The Trustees were pleased to announce that Simon Breakwell accepted their invitation to become a Trustee of Arthroplasty for Arthritis Charity.

Simon has had a dynamic career. A politics graduate, he joined the British Airways graduate scheme where he worked for eight years, before making his name in the tech industry as one of the pioneers of the online world.

In 1996 he moved to Seattle, where he co-founded Expedia and in 2012 he led Uber's expansion into Europe. He has held many non-executive roles with travel tech firms such as Onefinestay and HomeAway. He was Chairman at bd4travel, board member at Part-timeBelieve and Chair of Genius Sports. In 2016 Simon joined the AA as Chief Executive Officer before becoming Deputy Chairman and was on the advisory board of British Airways from 2014-2016. Simon maintains many roles in business, including Chair at Enviola, and Senior Adviser at Fairview and SilverRail.

We also gained 2 new Trustees, Professor Mehool Acharya and Mr Phil Collard. Prof Acharya is a consultant orthopaedic surgeon. Phil Collard, who works in finance, has experience of running a charity and is a recipient of bilateral hip joint replacements - this, however, has not hindered him in the past, and he has been extremely active and successful in fitness and in the sport of cycling.

Fund raising continues to be difficult but considerable work has been done to engage funding and we have regularly written to various organisations.

The Charity remains in debt to The Tompkins Foundation, the Wyseliot Rose Charitable Trust, The Inchcape Foundation and the Joseph Strong Frazer Trust who continue to support our endeavours. We remain indebted to Webree.com and Proctor + Stevenson Ltd for their expertise and considerable offer of help.

Sadly, a close family member of a trustee of The Tompkins Foundation experienced a very sad bereavement in January 2023. One of our trustees, Dr Diana Pomeroy has been very supportive of the family.

The accounts remain in good order, with adequate funds to continue actively supporting the various research projects.

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**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS
FOR THE YEAR ENDED 30 NOVEMBER 2023**

Publications 2019-2023

AM Ebied, A Ebied, S Marei, E Smith

Enhancing biology and providing structural support for acetabular reconstruction in single-stage revision for infection

Journal of Orthopaedics and Traumatology - Open Access: Ebied et al. J Orthop Traumatol (2019) 20:23

<https://doi.org/10.1186/s10195-019-0530-6>

Koutalos AK, Toms AP, Cahir JG, Smith EJ

Correlation of MARS MRI findings with cup position, metal ion levels and function in metal on metal total hip arthroplasty

Hip Int 2019; HIPINT-D-17-00232R1 - August 2019

Koutalos AK, Toms AP, Cahir JG, Smith EJ.

Correlation of MARS MRI findings with cup position, metal ion levels and function in metal on metal total hip arthroplasty

Hip Int 2019; HIPINT-D-17-00232R1 – August 2019

Ebied AM, Ebied A, Marei S, Smith E.

Enhancing biology and providing structural support for acetabular reconstruction in single-stage revision for infection .

Journal of Orthopaedics and Traumatology - Open Access: Ebied et al. J Orthop Traumatol 2019; 20:23

<https://doi.org/10.1186/s10195-019-0530-6>

Evert J Smith

Year of the Mask COVID-19 Challenges for Orthopaedic Surgery .

Reconstructive Review, Journal of Joint Implant Surgery and Research Foundation (JISRF) 2020;

<https://doi.org/10.15438/rr.10.1.241>

Clarke IC, Lezennec JY, Smith EJ, Donaldson TK. Prosthetic Impingement in Total Hip Arthroplasty—The Trigger for Adverse Wear. Open Journal of Orthopedics 2020; 10: 321-358.

<https://www.scirp.org/journal/ojo>

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**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS
FOR THE YEAR ENDED 30 NOVEMBER 2023**

Presentations 2019 to 2023

Clarke IC, Donaldson TK, John A, Koutalos AA, Lazennec JY, Smith EJ

One-hour address 'Trunnionosis vs Impingement'

Japanese Arthroplasty Conference

Tokyo - February 2019

EJ Smith

How successful are cemented hip replacements / Survival of cementless THR? - Joint Registry data

EEMEA Cementless Hip Symposium

Amsterdam - June 2019

EJ Smith

Temporal change in the use of cementless femoral stems

EEMEA Cementless Hip Symposium

Amsterdam - June 2019

EJ Smith

DDA, DSA or SPAIRE - What are the considerations?

EEMEA Cementless Hip Symposium

Amsterdam - June 2019

Smith EJ

DDA, DSA or SPAIRE - What are the considerations?

EEMEA Cementless Hip Symposium - Amsterdam Skill Centre

Amsterdam - 2019

Smith EJ

Stubbies - The future

EEMEA Cementless Hip Symposium - Amsterdam Skill Centre

Amsterdam - 2019

Smith EJ

How successful are cemented hip replacements? / Survival of cementless THR - Joint Registry data

EEMEA Cementless Hip Symposium - Amsterdam Skill Centre

Amsterdam - 2019

Smith EJ

Temporal change in the use of cementless femoral stems

EEMEA Cementless Hip Symposium - Amsterdam Skill Centre

Amsterdam - 2019

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**STATEMENT OF INCOME AND EXPENDITURE
FOR THE YEAR ENDED 30 NOVEMBER 2023**

	General Funds	Restricted Funds	Total 2023	Total 2022	Note
INCOMING RESOURCES					
Donations/Grants	28 580	-	28 580	38 795	
Gifts in Kind	20 500	-	20 500	20 500	3
Interest	156	-	156	30	4
	<u>49 236</u>	<u>-</u>	<u>49 236</u>	<u>59 325</u>	
RESOURCES EXPENDED					
Research costs	20 500	-	20 500	22 408	3
The Hip Research Project	20 000	-	20 000	30 000	
Administration costs	1 038	-	1 038	763	5
	<u>41 538</u>	<u>-</u>	<u>41 538</u>	<u>53 171</u>	
NET SURPLUS/(LOSS) FOR YEAR	<u>7 698</u>	<u>-</u>	<u>7 698</u>	<u>6 154</u>	
RETAINED SURPLUS at beginning of year	263 196	-	263 196	257 042	
RETAINED SURPLUS at end of year	<u><u>270 894</u></u>	<u><u>-</u></u>	<u><u>270 894</u></u>	<u><u>263 196</u></u>	

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**BALANCE SHEET
AS AT 30 NOVEMBER 2023**

	General Funds	Restricted Funds	Total 2023	Total 2022	Note
CURRENT ASSETS					
Short-term investments	19 612	-	19 612	19 457	6
Bank	251 582	-	251 582	244 039	
	271 194	-	271 194	263 496	
TOTAL ASSETS	271 194	-	271 194	263 496	
CURRENT LIABILITIES					
Accounts payable & accruals	300	-	300	300	
TOTAL LIABILITIES	300	-	300	300	
ASSETS LESS LIABILITIES	270 894	-	270 894	263 196	
RESERVES					
Retained surplus	270 894	-	270 894	263 196	
TOTAL RESERVES	270 894	-	270 894	263 196	

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**NOTES TO FINANCIAL STATEMENTS
FOR THE YEAR ENDED 30 NOVEMBER 2023**

1. Accounting Policies

(a) Basis of preparation:

The financial statements have been prepared under the historic cost convention in accordance with the Statement of Recommended Practice: Accounting and Reporting by Charities (SORP 2005) and the Charities Act 2011.

(b) Incoming resources and resources expended:

All incoming resources are recognised once the charity has entitlement to them, it is certain that the resources will be received and the monetary value can be measured with sufficient reliability.

Liabilities are recognised as resources expended as soon as there is a legal or constructive obligation committing the charity to the expenditure. All expenditure is accounted for on an accruals basis.

Grants payable and research costs are payments made to third parties in the furtherance of the objects of the charity. Provisions are made when the intention to make a payment has been communicated to the recipient but there is uncertainty about either the timing or the amount.

(c) Fixed assets and depreciation:

All assets costing more than £500 are capitalised and valued at historic cost. Assets are written off on a straight line basis over their estimated useful life.

(d) Fund accounting

Unrestricted funds are expendable at the discretion of the trustees in furtherance of the objects of the charity.

Restricted funds are donations earmarked by the donor for a specific purpose.

2. Trustees remuneration

The trustees do not receive remuneration for services rendered to the charity.

3. Gifts in kind

Gifts in kind are made up of the following:

Director's time	20 500	20 500
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The related expense is disclosed as follows:

Research costs (director's time)	20 500	20 500
Other	-	1 908
	<u>20 500</u>	<u>22 408</u>

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FOR THE YEAR ENDED 30 NOVEMBER 2023

2023 2022

4. Interest

Interest on short-term investments (note 8)

	General	Restricted	Total	
Scottish Widows Bank	156	-	156	30
	156	-	156	30

5. Administration costs

Computer expenses	261	150
Licences & subscriptions	152	35
Postage, office supplies, printing & stationery	109	130
Travel & subsistence	216	148
Accounting fees	300	300
	<u>1 038</u>	<u>763</u>

2023 2022

6. Short-term investments

	General	Restricted	Total	
Scottish Widows Bank	19 612	-	19 612	19 457
	19 612	-	19 612	19 457

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REPORT

Independent examiner's report to the trustees of the Arthroplasty for Arthritis Charity

I report on the accounts of the Arthroplasty for Arthritis Charity for the year ended 30 November 2023 which are set out on pages 10 - 15

Respective responsibilities of trustees and examiner

The charity's trustees are responsible for the preparation of the accounts. The charity's trustees consider that an audit is not required for this year under section 144(2) of the Charities Act 2011 (the 2011 Act) and that an independent examination is needed.

It is my responsibility to:

- examine the accounts under section 145 of the 2011 Act
- follow the procedures laid down in the general Directions given by the Charity Commission under section 145(5)(b) of the 2011 Act; and
- to state whether particular matters have come to my attention.

Basis of independent examiner's report

My examination was carried out in accordance with the general Directions given by the Charity Commission. An examination includes a review of the accounting records kept by the charity and a comparison of the accounts presented with those records. It also includes consideration of any unusual items or disclosures in the accounts, and seeking explanations from you as trustees concerning any such matters. The procedures undertaken do not provide all the evidence that would be required in an audit and consequently no opinion is given as to whether the accounts present a "true and fair view" and the report is limited to those matters set out in the statement below.

Independent examiner's statement

In connection with my examination, no matter has come to my attention which gives me reasonable cause to believe that in any material respect the requirements:

- to keep accounting records in accordance with section 130 of the 2011 Act; and
 - to prepare accounts which accord with the accounting records and comply with the accounting requirements of the 2011 Act
- have not been met.



Name: EA Redelinghuys CA(SA)
Professional body: South African Institute of Chartered Accountants (Membership no.: 291175)
Address: 3 Kildare Lane
Newlands 7700
Cape Town
South Africa
Date: 31 August 2024



The South African Institute of Chartered Accountants



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