

# ARTHROPLASTY FOR ARTHRITIS CHARITY

England & Wales · Charity number 1051165

## Details

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**Other names** ARTHROPLASTY FOR ARTHRITIS FUND

**Status** Registered

**Legal form** Trust

**Registered** 1995-11-30

**Register** [View on the Charity Commission register](#)

## Contact

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**Address** 57 Callicroft Road  
Patchway  
Bristol  
BS34 5BU

**Phone** 01179804027

**Email** [info@a4ach.org](mailto:info@a4ach.org)

**Website** [a4ach.org](http://a4ach.org)

## Activities

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**Objects:** THE OBJECTS OF THE CHARITY ('THE OBJECTS') ARE:(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.

**Activities:** Research, treatment and causes of arthritis

## Classification

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- **How:** Other Charitable Activities
- **What:** The Advancement Of Health Or Saving Of Lives
- **Who:** The General Public/mankind

## Geography

- Throughout England And Wales

## Finances

Period end	Income	Expenditure	Assets	Employees
2024-11-30	£58,877	£74,235	-	-
2023-11-30	£49,236	£41,538	-	-
2022-11-30	£59,325	£53,171	-	-
2021-11-30	£53,022	£127,124	-	-
2020-11-30	£59,821	£37,359	-	-

## Trustees

Name	Role	Appointed
ANDREW PORTEOUS		2024-07-01
DR DIANA MARY POMEROY		2012-07-29
Dr DANIELA SMITH		
Dr DAVID COATES		2015-04-28
Jeremy Martin Latham		2016-06-25
Mehool Acharya		2023-05-20
Philip Collard		2023-05-20
ROGER SIMON PROCTOR		2020-07-28

**ARTHROPLASTY FOR ARTHRITIS CHARITY**

England & Wales - Charity number 1051165

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# Accounts

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**ARTHROPLASTY FOR ARTHRITIS CHARITY**

**CHARITY NO.: 1051165**

**ANNUAL REPORT AND FINANCIAL STATEMENTS**

**FOR THE YEAR ENDED 30 NOVEMBER 2024**

Arthroplasty for  
Arthritis Charity



**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**GENERAL INFORMATION  
FOR THE YEAR ENDED 30 NOVEMBER 2024**

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  
Mr Andrew Porteous

Director: Mr Evert Smith  
Consultant Orthopaedic Surgeon

Research Committee: Dr Peter Lachman  
Prof Ian Clarke

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**OBJECTS AND POLICIES OF THE CHARITY  
FOR THE YEAR ENDED 30 NOVEMBER 2024**

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.

## ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

### DIRECTOR'S REPORT FOR THE YEAR ENDED 30 NOVEMBER 2024

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

The project entitled ***“3D Patient Specific Instruments (PSI) for Implant Positioning in Total Hip Replacement”*** lead by Associate Professor Anna di Laura et al at the Royal National Orthopaedic Hospital (RNOH) began shortly after the funding was approved.

Several updates were submitted to the charity, and the researchers reported that the project was on target, and they had published papers, engaged in international presentations and received some media coverage.

The publication in the Journal of Orthopaedic Research (<https://doi.org/10.1002/jor.25971>) was ***“Understanding the variability of the proximal femoral canal: A computational modelling study.”*** The authors were A. Ramesh, J. Henckel, A. Hart and A. Di Laura. The aim of the study was to better understand the shape variations that characterise the intramedullary femoral canal which dictates the fit of the prosthetic stem.

The presentations include the following:

1. ***“Understanding the variability of the femoral canal for THA: a computational modelling study”***. The European Federation of National Associations of Orthopaedics and Traumatology (EFORT), 22-24 May 2024, Hamburg, Germany.
2. ***“Statistical Shape Modelling Shows the High Variability of the Proximal Femoral Canal: Future Guide to Achieve Target Stem Anteversion”***. International Society for Technology in Arthroplasty (ISTA), 28-31 August 2024, Nashville, USA.
3. ***“The clinical importance of planning stem anteversion: the use of PSI for femoral osteotomy and version”***. Italian Society of Orthopaedics and Trauma (SIOT), October 2024, Rome.
4. ***“Understanding the variability of the femoral canal for THA: a computational modelling study”***. DKOU, October 2024, Berlin.

The media coverage was on Channel 5 where Prof A. Hart participated in Michael Mosley’s ***“Wonders of the Human Body”***.

<https://www.channel5.com/show/michael-mosley-wonders-of-the-human-body/season-1/episode-2>  
<https://www.complexhipsurgery.com/stories/wonders-of-the-human-body>

The team were also involved in a two-day exhibition at the ***UCL Festival of Engineering*** celebrating the 150-year anniversary of the introduction of the first engineering teaching laboratory in the UK. They ran the exhibit ***“What will hip surgery look like in 2050?”*** demonstrating some of state-of-the-art surgical planning and 3D printing solutions to the audience.

## ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

### DIRECTOR'S REPORT FOR THE YEAR ENDED 30 NOVEMBER 2024

The RNOH project **Couch to 5K** on 3D assessment of muscle health is on track. Data analysis, dissemination of information and publication is ongoing.

1. In "Runner's World", journalist Sophie Raworth explains her experience of Knee MRI scanning with the research team and reports Professor Hart's main research focus.
2. In The Times Peta Bee reported on an interview with Professor Alister Hart "How cycling can add years to your life." A new study shows that regular pedalling by over-50s helps the body to stay physically healthy for longer.
3. In the Doctors Updates Conference there was a talk on Exercise Science by Speakers: Alister Hart, Sophie Raworth, Mike Mosley, Sanjay Sharma.
4. In the 40<sup>th</sup> Marathon Medicine Conference April 2024 there was an invited talk on the effects of sport and exercise on joints and muscles of sedentary and active individuals.
5. In a press release - The Conversation – an article explains the benefits of running after middle age. "One of the best ways to ease into running in mid-life is the NHS Couch to 5K running programme. It's designed for everyone. Running is a great way to keep bones and muscles healthy, helping prevent damage and even osteoarthritis. Just make sure to take it slow at first".

We received a letter of thanks from the **Director of the ExplantLab, Dr David Langton**, for our ongoing ongoing support. He also provided an update on the groundbreaking research that they are engaged in. Multiple centres across the country are involved in recruiting patients, with the ultimate aim of acquiring 2000+ patients.

The overall research project is focused on the study of immune responses to various types of implants, with the ultimate aim to develop a test which will allow patients to receive medical implants which they are best suited to, based on their DNA.

There have been some exciting discoveries in terms of relationships between blood titanium concentrations and patient reported outcomes and the risk of revision. These findings were presented in October 2024 at the **Personalized Arthroplasty Society Meeting** in Chicago. The paper on which this presentation was based is will be submitted to the American Knee Society for consideration of a research award at next year's AAOS meeting.

This initial paper is just the first of what will likely amount to dozens of papers generated from this project. The ExplantLab researchers we will be examining the relationship between genetics and the risk of infection, polyethylene induced osteolysis, and the effect of robotic surgery on wear scar position.

## ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

### DIRECTOR'S REPORT FOR THE YEAR ENDED 30 NOVEMBER 2024

ExplantLab have also successfully applied for the NHS tender for the provision of explant testing to the NHS Implant Analysis Service. This is a new national service which was publicly launched at a conference in Newcastle, in November 2024.

On another matter, the organiser of a large national research project, Joanna Shim, invited the Director and 3 Trustees from the Charity to be members of a national Steering Committee to work with the James Lind Alliance Priority Setting Partnership (PSP). The Arthroplasty for Arthritis Charity is delighted to support the James Lind Alliance Steering Group in a new PSP.

Established in 2004, the James Lind Alliance is a non-profit organization that brings together patients, carers, and clinicians to identify and prioritize studies in health research. This collaborative approach ensures that future research aligns with the real needs of those directly affected. The PSP is chaired by Mr. Jonathan Gower, the James Lind Alliance Senior Adviser, who leads the Steering Group.

The project is supported by the Robert Gordon University in Aberdeen where Joanna Shim is the Chancellor's chief researcher. Other health groups including the NHS are also actively participating in the project. The government are set to provide huge financial support for the Prehabilitation project.

The project was to evaluate the need for ***Prehabilitation in Total Hip and Knee Arthroplasty***. This initiative aims to address a historically poorly supported area of research - the preoperative phase of patient care

*Prehabilitation (also called 'pre-operative rehabilitation' or 'prehab') is a programme designed to help prepare people for surgery as best as possible. It may include exercise, nutritional guidance, mental health and wellbeing support, and lifestyle changes depending on individual needs. The goal is to improve overall health and wellbeing during the waiting period for surgery, which can range from months to several years. This preparation may lead to better outcomes after surgery.*

The purpose of this project, ***Prehabilitation: Priority Setting Partnership*** is also to ensure that patients are fit enough to be redirected into the private sector waiting lists. Where patients are passed fit by Prehabilitation they could then not be refused an operation in the private sector or in the operation hubs set up by the government.

The charity's involvement in this project not only helps to enhance the profile of the Charity, but also identifies the Charity's commitment to research and health care in the United Kingdom.

We appointed a new Patron. Via a Trustee's link to the Earl of Inchcape, she wrote to the Duke of Northumberland who accepted the role of Patron but emphasised that his role would be symbolic rather than an active one. We formally acknowledged and welcomed the Duke of Northumberland to the Charity.

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**DIRECTOR'S REPORT  
FOR THE YEAR ENDED 30 NOVEMBER 2024**

Regarding holding future fundraising events, we again approached the Earl of Inchcape, who is a member The Grocer's Livery Company, London. The Grocer's Hall was visited and viewed in November 2024, to gain insight into its suitability for a fundraising event. Further discussion and evaluation by the Trustees will be required in the future.

Fund raising continues to be difficult. We have regularly written to various organisations. Our main sponsors, to whom we remain indebted, are The Tompkins Foundation, the Wyseliot Rose Charitable Trust, The Inchcape Foundation and the Joseph Strong Frazer Trust.

We continue to be supported by Webree.com and Proctor + Stevenson Ltd and are grateful for their ongoing help.

We are investigating the possibility of investing some of our assets. The accounts remain in good order, with adequate funds to continue actively supporting the various research projects on the horizon.

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2024**

**Publications 2019-2024**

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.

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*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>

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2024**

**Presentations 2019 to 2024**

Smith EJ

*Infections in Joint Replacements*

10th International GOSICON

Goa - November 2022

Smith EJ

*Work of the Orthopaedic Data Evaluation Panel*

People's University Bhopal, India: GIRFT in Total Hip Arthroplasty

Webinar - June 2020

Smith EJ

*Has Orthopaedic Perspective Changed in the UK due to Novel COVID 19?*

Geriatric Orthopaedic Association of India - Doctors Teatime Educational series

Webinar - April 2020

Clarke IC, Donaldson TK, John A, Koutalos AA, Lazenec 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

ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2024

**Presentations 2019 to 2024 (continued)**

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

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*Temporal change in the use of cementless femoral stems*

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ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

STATEMENT OF INCOME AND EXPENDITURE  
FOR THE YEAR ENDED 30 NOVEMBER 2024

	General Funds	Restricted Funds	Total 2024	Total 2023	Note
<b>INCOMING RESOURCES</b>					
Donations/Grants	38 072	-	38 072	28 580	
Gifts in Kind	20 500	-	20 500	20 500	3
Interest	305	-	305	156	4
	<u>58 877</u>	<u>-</u>	<u>58 877</u>	<u>49 236</u>	
<b>RESOURCES EXPENDED</b>					
Research costs	20 500	-	20 500	20 500	3
The Hip Research Project	51 672	-	51 672	20 000	
Marketing and PR	716	-	716	-	
Administration costs	1 347	-	1 347	1 038	5
	<u>74 235</u>	<u>-</u>	<u>74 235</u>	<u>41 538</u>	
<b>NET SURPLUS/(LOSS) FOR YEAR</b>	<u>(15 358)</u>	<u>-</u>	<u>(15 358)</u>	<u>7 698</u>	
RETAINED SURPLUS at beginning of year	270 894	-	270 894	263 196	
<b>RETAINED SURPLUS at end of year</b>	<u><u>255 536</u></u>	<u><u>-</u></u>	<u><u>255 536</u></u>	<u><u>270 894</u></u>	

ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

BALANCE SHEET  
AS AT 30 NOVEMBER 2024

	General Funds	Restricted Funds	Total 2024	Total 2023	Note
<b>CURRENT ASSETS</b>					
Short-term investments	19 918	-	19 918	19 612	6
Bank	235 918	-	235 918	251 582	
	255 836	-	255 836	271 194	
<b>TOTAL ASSETS</b>	255 836	-	255 836	271 194	
<b>CURRENT LIABILITIES</b>					
Accounts payable & accruals	300	-	300	300	
<b>TOTAL LIABILITIES</b>	300	-	300	300	
<b>ASSETS LESS LIABILITIES</b>	255 536	-	255 536	270 894	
<b>RESERVES</b>					
Retained surplus	255 536	-	255 536	270 894	
<b>TOTAL RESERVES</b>	255 536	-	255 536	270 894	

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

## NOTES TO FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 NOVEMBER 2024

### 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:

	<u>2024</u>	<u>2023</u>
Director's time	20 500	20 500

The related expense is disclosed as follows:

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

ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2024

			<u>2024</u>	<u>2023</u>
<b>4. Interest</b>				
Interest on short-term investments (note 8)				
	General	Restricted	Total	
Scottish Widows Bank	305	-	305	156
	305	-	305	156

**5. Administration costs**

Computer expenses			221	261
Licences & subscriptions			152	152
Postage, office supplies, printing & stationery			-	109
Travel & subsistence			674	216
Accounting fees			300	300
			<u>1 347</u>	<u>1 038</u>

**6. Short-term investments**

			<u>2024</u>	<u>2023</u>
	General	Restricted	Total	
Scottish Widows Bank	19 918	-	19 918	19 612
	19 918	-	19 918	19 612

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

## 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 2024 which are set out on pages 10 - 13

### 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: 25 July 2025



The South African Institute of Chartered Accountants



**ARTHROPLASTY FOR ARTHRITIS CHARITY**

England & Wales - Charity number 1051165

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# Accounts

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**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

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**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.

ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

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 *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.*

(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.](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

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

## 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 Homestay. He was Chairman at bd4travel, board member at Part-timeBelieve and Chair of Genius Sports. In 2017 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 Chairman 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 funders 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 charity.

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

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**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

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*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>

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**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

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

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

	<b>General Funds</b>	<b>Restricted Funds</b>	<b>Total 2023</b>	<b>Total 2022</b>	<b>Note</b>
<b>INCOMING RESOURCES</b>					
Donations/Grants	28 580	-	28 580	38 795	
Gifts in Kind	20 500	-	20 500	20 500	3
Interest	156	-	156	30	4
	<hr/>	<hr/>	<hr/>	<hr/>	
	49 236	-	49 236	59 325	
<b>RESOURCES EXPENDED</b>					
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
	<hr/>	<hr/>	<hr/>	<hr/>	
	41 538	-	41 538	53 171	
<b>NET SURPLUS/(LOSS) FOR YEAR</b>	<hr/>	<hr/>	<hr/>	<hr/>	
	7 698	-	7 698	6 154	
<b>RETAINED SURPLUS at beginning of year</b>	263 196	-	263 196	257 042	
<b>RETAINED SURPLUS at end of year</b>	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>	<hr/> <hr/>	
	270 894	-	270 894	263 196	

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**BALANCE SHEET  
AS AT 30 NOVEMBER 2023**

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

ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

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:

	<u>2023</u>	<u>2022</u>
Director's time	20 500	20 500

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>

ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2023

			<u>2023</u>	<u>2022</u>
<b>4. Interest</b>				
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>

**6. Short-term investments**

			<u>2023</u>	<u>2022</u>
	General	Restricted	Total	
Scottish Widows Bank	19 612	-	19 612	19 457
	19 612	-	19 612	19 457

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

## 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



Network  
Member

**ARTHROPLASTY FOR ARTHRITIS CHARITY**

England & Wales - Charity number 1051165

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# Accounts

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**ARTHROPLASTY FOR ARTHRITIS CHARITY**

**CHARITY NO.: 1051165**

**ANNUAL REPORT AND FINANCIAL STATEMENTS**

**FOR THE YEAR ENDED 30 NOVEMBER 2022**

Arthroplasty for  
Arthritis Charity



**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**ANNUAL REPORT AND FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2022**

<b>CONTENT</b>	<b>Page</b>
General Information	1
Objects and Policies of the Charity	2
Director's Report	3-4
Publications, Presentations & Contributions to Books	5-7
Statement of Income and Expenditure	8
Balance Sheet	9
Notes to Financial Statements	10-11
Independent Examiner's Report	12

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**GENERAL INFORMATION  
FOR THE YEAR ENDED 30 NOVEMBER 2022**

**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

**Director:** Mr Evert Smith  
Consultant Orthopaedic Surgeon

**Research Committee:** Dr Peter Lachman  
Prof Ian Clarke

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**OBJECTS AND POLICIES OF THE CHARITY  
FOR THE YEAR ENDED 30 NOVEMBER 2022**

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.

## **ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

### **DIRECTOR'S REPORT FOR THE YEAR ENDED 30 NOVEMBER 2022**

With the charity's remit to support musculoskeletal research, which includes the evaluation of bearing surfaces, the development of new technologies and research concerning design improvements in arthroplasty (joint replacement) surgery, we committed to funding two projects in 2020/2021. Both projects are 'works in progress' and continue to thrive. We receive regular reports and updates.

The project 'Developing a novel algorithm to predict the risk of metal-on-polyethylene joint replacement failure.' with Dr David Langton, Director of ExplantLab is thrilling, and we believe the outcome will have a seismic impact in the arena of arthroplasty.

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

The interim results of the research were presented at the BOA Annual Congress in September 2022. In addition, the Orthotype Test was launched at a breakout meeting at the Congress. The genetic test has been developed by ExplantLab to determine which patients are more likely to develop an adverse immune response to joint replacements. Orthotype are a unique set of genetic tests designed to improve patient management pre and post joint replacement surgery.

Dr David Langton and his researchers have received awards for their ground breaking research: Bone and Joint Journal Best Translational Research Prize at the British Hip Society Annual Meeting for the presentation "Is there a genetic predisposition to ALVAL?" and the British Hip Society McKee Prize for the presentation "Blood metal ion concentrations post hip resurfacing arthroplasty: a comparison study of the articular surface replacement and Birmingham hip resurfacing devices."

Since the first issue of the web based version of the open access journal Bone and Joint Research Journal the paper "Taper junction failure in large diameter metal on metal hip arthroplasty" has received the largest number of citations in the scientific literature.

We received a comprehensive update on the study investigating the effects of exercise on the musculoskeletal system, 'Improving People's Lifestyle: from Couch to...' which is being run by Professor Alister Hart, Dr Anna Di Laura and Dr Johann Henckel of the Royal National Orthopaedic Hospital NHS Trust and University College London.

The study will help to better understand the benefits and risks from exercising on the walking (hip abductor) muscles and hip joints of physically inactive individuals who undergo exercise. In the first 15 months, the researchers achieved the following: set up of the study; recruitment of 100 sedentary individuals; MRI scanning of the study participants in the initial stages of training, and at 6 and 12 months; collection of health questionnaires; data analysis (ongoing). Work has commenced on submitting two publications – one to the BMC Musculoskeletal Disorders Journal and another to the BMJ Open Sport and Medicine.

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

## DIRECTOR'S REPORT FOR THE YEAR ENDED 30 NOVEMBER 2022

The study from Edinburgh University which we had hoped to support - 'Robotic Assisted Bicompartamental Knee Arthroplasty Vs manual Total knee Arthroplasty trial for two compartment osteoarthritis of the knee (RoBi-KAT)' was unable to commence due to difficulty recruiting study participants for elective surgeries.

A study undertaken by the University of Bath, led by Professor Richie Gill, and funded by the charity, was published in *Scientific Reports*. The publication date was 8 February 2022. The database can be cited as - Gill, R., Ehrhardt, B., Murphy, E., 2022. *Dataset for "Machine learning outperforms clinical experts in classification of hip fractures"*. Bath: University of Bath Research Data Archive.

(Available from: <https://doi.org/10.15125/BATH-01011>.)

Fund raising continues to be difficult but at a recent Trustees' meeting, and in ongoing correspondence via email/texts, the Trustees discussed ideas on strategies to promote and disseminate knowledge of the Charity – newsletter(s), blogs and a social media presence were all highlighted.

The possible need for a high profile sports person to be associated with the Charity was also raised. The Charity has been receiving a great deal of support and advice from agencies involved in advertising and website development, for which they are immensely grateful.

The Charity continues to be grateful to The Tompkins Foundation, the Wyseliot Rose Charitable Trust, The Inchcape Foundation and the Joseph Strong Frazer Trust.

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

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2022**

**Publications 2018-2022**

Ian C. Clarke, Thomas Halim, Evert J. Smith, Thomas K. Donaldson

*Acetabular Cups in 60 mm Metal-on-Metal Bearings Subjected to Dynamic Edge-Loading with 70Å°*

*Peak-Inclination in 10-Million Cycle Simulator Study*

Lubricants 2018, 6, 1; doi:10.3390/lubricants6010001

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

*Adverse wear in MOM hip-arthroplasty related to the production of metal fragments at impingement sites*

OJO Vol. 8, No. 10, October 2018 - <http://www.scirp.org/journal/ojo>

Elsissy JG, Clarke IC, John A, Smith EJ Donaldson TK

*The significance of adverse 3rd-body wear damage in the failure of metal-on-metal bearings used in resurfacing and total-hip arthroplasty*

ACTA Scientific Orthopaedics, Vol 1, Issue 1, Oct 2018

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

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*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>

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2022**

**Publications 2018-2022 (continued)**

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>

**Abstract Publications 2018-2022**

Ian C. Clarke, Evert J. Smith, Thomas K. Donaldson

*Adverse MOM wear mechanisms are triggered by release of large metal particles during MOM impingement episodes*

European Hip Society 13<sup>th</sup> Congress

Hip International 2018 No. 271 Oral Presentation

Session ID: O23 Metal ion release & tribology

The Hague - 21.09.2018

**Contributions to books**

Clarke IC, Lazennec J, Smith EJ, Sugano N, McEntire, B, Pezzotti, G

*Ceramic Chapter in: Ceramic-on-Ceramic Bearings: Clinical Wear Modes Compared to Simulator Wear Tests.*

*In Sonntag R, Kretzer JP, ed. Materials for Joint Arthroplasty - Biotribology of Potential Bearings: Imperial College Press; 2015*

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2022**

**Presentations 2019 to 2022**

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*  
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Smith EJ  
*Stubbies - The future*  
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Amsterdam - 2019

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**STATEMENT OF INCOME AND EXPENDITURE  
FOR THE YEAR ENDED 30 NOVEMBER 2022**

	<b>General Funds</b>	<b>Restricted Funds</b>	<b>Total 2022</b>	<b>Total 2021</b>	<b>Note</b>
<b>INCOMING RESOURCES</b>					
Donations/Grants	38,795	-	38,795	32,501	
Gifts in Kind	20,500	-	20,500	20,500	3
Interest	30	-	30	21	4
	<hr/>	<hr/>	<hr/>	<hr/>	
	59,325	-	59,325	53,022	
<b>RESOURCES EXPENDED</b>					
Research costs	22,408	-	22,408	125,500	3
The Hip Research Project	30,000	-	30,000	-	
Marketing & PR	-	-	-	136	5
Administration costs	763	-	763	1,488	6
	<hr/>	<hr/>	<hr/>	<hr/>	
	53,171	-	53,171	127,124	
<b>NET SURPLUS/(LOSS) FOR YEAR</b>					
	<hr/>	<hr/>	<hr/>	<hr/>	
	6,154	-	6,154	(74,102)	
<b>RETAINED SURPLUS at beginning of year</b>					
	<hr/>	<hr/>	<hr/>	<hr/>	
	257,042	-	257,042	331,144	
<b>RETAINED SURPLUS at end of year</b>					
	<hr/>	<hr/>	<hr/>	<hr/>	
	263,196	-	263,196	257,042	

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**BALANCE SHEET  
AS AT 30 NOVEMBER 2022**

	<b>General Funds</b>	<b>Restricted Funds</b>	<b>Total 2022</b>	<b>Total 2021</b>	<b>Note</b>
<b>CURRENT ASSETS</b>					
Short-term investments	19,457	-	19,457	19,427	7
Bank	244,039	-	244,039	237,915	
	<u>263,496</u>	<u>-</u>	<u>263,496</u>	<u>257,342</u>	
<b>TOTAL ASSETS</b>	<u>263,496</u>	<u>-</u>	<u>263,496</u>	<u>257,342</u>	
<b>CURRENT LIABILITIES</b>					
Accounts payable & accruals	300	-	300	300	
<b>TOTAL LIABILITIES</b>	<u>300</u>	<u>-</u>	<u>300</u>	<u>300</u>	
<b>ASSETS LESS LIABILITIES</b>	<u>263,196</u>	<u>-</u>	<u>263,196</u>	<u>257,042</u>	
<b>RESERVES</b>					
Retained surplus	263,196	-	263,196	257,042	
<b>TOTAL RESERVES</b>	<u>263,196</u>	<u>-</u>	<u>263,196</u>	<u>257,042</u>	

ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

NOTES TO FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2022

**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:

	<u>2022</u>	<u>2021</u>
Director's time	20,500	20,500

The related expense is disclosed as follows:

Research costs (director's time)	20,500	20,500
Other	1,908	105,000
	<u>22,408</u>	<u>125,500</u>

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**NOTES TO FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2022**

		<u>2022</u>	<u>2021</u>
<b>4. Interest</b>			
Interest on short-term investments (note 8)			
	General	Restricted	Total
Scottish Widows Bank	30	-	30
	<u>30</u>	<u>-</u>	<u>30</u>
			21
			<u>21</u>

**5. Marketing & PR**

Website			136
		<u>-</u>	<u>136</u>

**6. Administration costs**

Computer expenses		150	190
Depreciation		-	129
Licences & subscriptions		35	152
Postage, office supplies, printing & stationery		130	41
Travel & subsistence		148	676
Accounting fees		300	300
		<u>763</u>	<u>1,488</u>

**7. Short-term investments**

		<u>2022</u>	<u>2021</u>
	General	Restricted	Total
Scottish Widows Bank	19,457	-	19,457
	<u>19,457</u>	<u>-</u>	<u>19,427</u>
			19,427
			<u>19,427</u>

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

## 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 2022 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: 7 September 2023



The South African Institute of Chartered Accountants



**ARTHROPLASTY FOR ARTHRITIS CHARITY**

England & Wales - Charity number 1051165

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# Accounts

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**ARTHROPLASTY FOR ARTHRITIS CHARITY**

**CHARITY NO.: 1051165**

**ANNUAL REPORT AND FINANCIAL STATEMEN**

**FOR THE YEAR ENDED 30 NOVEMBER 202:**

**ITS**

**1**

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:10**

**ANNUAL REPORT AND FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2021**

CONTENT	Page
General Information	1
Objects and Policies of the Charity	2
Director's Report	3-4
Publications/Contributions to Books	5-6
Presentations	7-9
Statement of Income and Expenditure	10
Balance Sheet	11
Notes to Financial Statements	12-14
Independent Examiner's Report	15

**51165)**

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:10**

**GENERAL INFORMATION  
FOR THE YEAR ENDED 30 NOVEMBER 2021**

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

Director: Mr Evert Smith  
Consultant Orthopaedic Surgeon

Research Committee: Dr Peter Lachman  
Prof Ian Clarke

**51165)**

## **ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

### **OBJECTS AND POLICIES OF THE CHARITY FOR THE YEAR ENDED 30 NOVEMBER 2021**

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.



# **ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

## **DIRECTOR'S REPORT FOR THE YEAR ENDED 30 NOVEMBER 2021**

The COVID pandemic continued throughout 2021, and hampered many attempts to function 'normally', whether this was in the home, work environment, or educational facilities. The rollout of the vaccination programme, taken up by much of the population, as well as the genetic shift and arrival of new variants slowly modified the earlier disastrous landscape.

Lady Elizabeth Anson who graciously hosted our first major fundraising event following the re-launch of the charity in 2013, sadly passed away in November 2020. Sara Jayne Stanes OBE, chief executive of the Royal Academy of Culinary Arts (RACA) for the last 15 years, died in July 2021. Sara Jayne was a colleague and friend, and was influential in making our joint fundraising venture highly successful - 'Banquet of Food Through the Ages' celebrating the 800<sup>th</sup> anniversary of the role of the Lord Mayor of Bristol, which was held at The Harbour Hotel, Bristol in November 2017, and the Champagne Reception at The Ritz, in February 2020.

With the charity's remit to support musculoskeletal research, which includes the evaluation of bearing surfaces, the development of new technologies and research concerning design improvements in arthroplasty surgery, we committed to funding two projects.

Dr David Langton, Director of ExplantLab, is spearheading the project 'Developing a novel algorithm to predict the risk of metal-on-polyethylene joint replacement failure.'

ExplantLab continue to research the manufacturing, design and surgical variables associated with success or failure of joint replacements. They have now included research into the complexities of the immune response and the influence of immunogenetics on a patient's propensity to develop problems following implantation with metal or ceramic-on-polyethylene (MoP/CoP) joint replacement prostheses. Debris shed from the components of a joint replacement provokes a tissue response called osteolysis where the bone is damaged and resorbed and as a result, the implanted components loosen. Over 160,000 NHS patients undergo hip and knee arthroplasty surgery each year and a number of these surgeries will fail, requiring costly and complex "revision surgery".

Professor Alister Hart, Dr Anna Di Laura, and Dr Johann Henckel of the Royal National Orthopaedic Hospital NHS Trust and University College London, are involved in the study 'Improving People's Lifestyle: from Couch to...'.  
The study will investigate the effects of exercise on the musculoskeletal system, with or without joint replacements and will help inactive people understand the evidence-based medical benefits and risks of taking exercise.

The study will investigate the effects of exercise on the musculoskeletal system, with or without joint replacements and will help inactive people understand the evidence-based medical benefits and risks of taking exercise.

COVID-19 has had a major impact on physical activity behaviours globally and many people around the world have been forced to isolate and reduce social activities. The NHS has urged people to keep going if they started exercising during the lockdown and hailed running as good for physical and mental health. Inactive people are at increased risk of developing a painful musculoskeletal (MSK) condition. Physical inactivity is responsible for one in six UK deaths (equal to smoking) and

# **ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

## **DIRECTOR'S REPORT FOR THE YEAR ENDED 30 NOVEMBER 2021**

is estimated to cost the UK £7.4 billion annually (including £0.9 billion to the NHS alone), It is also the 4th leading risk factor for global mortality, accounting for 6% of deaths globally. Many individuals are concerned that exercise may cause or exacerbate painful musculoskeletal problems but little is known about the response of joints and muscles after exercise programs.

The research is challenging and seeks to better understand the benefits and risks from exercising on the walking (hip abductor) muscles and hip joints of physically inactive individuals who undergo exercise. MRI scans are to be utilised to evaluate of the status of the hip joint and pelvic muscles.

We also received applications for several other projects and a decision to fund a 3<sup>rd</sup> project will be made in the future. The most significant of these is a study from Edinburgh University – ‘**Robotic Assisted Bi**compartmental **K**nee **A**rthroplasty Vs manual **T**otal knee Arthroplasty trial for two compartment osteoarthritis of the knee (RoBi-KAT)’. This study aims to analyse robotic versus manual total knee arthroplasty. Patient satisfaction remains an issue after a total knee arthroplasty in some patients. Robotic total knee arthroplasty has already demonstrated improved component positioning and a reduction of alignment outliers in a number of publications.

A study undertaken by the University of Bath, led by Professor Richie Gill, and funded by the charity, has finally reaped rewards, after initially being stalled during the lull due to the pandemic. The manuscript "Machine learning outperforms clinical experts in classification of hip fractures" was accepted for publication in Scientific Reports (impact factor 4.38 and the 6<sup>th</sup> most cited journal worldwide).

Fund raising activities have yet to return to normal, but over the course of the year we continued to approach Charitable Trusts and Foundations. As expected there was a minimal response from new sources, but we have not been forgotten or dismissed by several regular loyal sponsors named Tompkins Foundation, the Wyseliot Rose Charitable Trust, The Inchcape Foundation and the Joseph Strong Frazer Trust.

We are pleased to report that our accounts in good order and we continue to be guided by enthusiastic, conscientious and supportive Trustees.

## ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

### PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS FOR THE YEAR ENDED 30 NOVEMBER 2021

#### Publications 2017-2021

Scholes SC, Hunt BJ, Richardson VM, Langton DJ, Smith E, Joyce TJ  
*Explant analysis of the Biomet Magnum/ReCap metal-on-metal hip joint*  
Bone Joint Res 2017;6:113-122

Ian C. Clarke, Thomas Halim, Evert J. Smith, Thomas K. Donaldson  
*Acetabular Cups in 60 mm Metal-on-Metal Bearings Subjected to Dynamic Edge-Loading with 70° Peak-Inclination in 10-Million Cycle Simulator Study*  
Lubricants 2018, 6, 1; doi:10.3390/lubricants6010001

Donaldson, TK., Smith EJ., Koutalos A., John, A., Lazenec JY. and Clarke, IC  
*Adverse wear in MOM hip-arthroplasty related to the production of metal fragments at impingement sites*  
OJO Vol. 8, No. 10, October 2018 - <http://www.scirp.org/journal/ojo>

Elsissy JG, Clarke IC, John A, Smith EJ Donaldson TK  
*The significance of adverse 3rd-body wear damage in the failure of metal-on-metal bearings used in resurfacing and total-hip arthroplasty*  
ACTA Scientific Orthopaedics, Vol 1, Issue 1, Oct 2018

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>

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>

## **ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

### **PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS FOR THE YEAR ENDED 30 NOVEMBER 2021**

#### **Publications 2017-2021 (continued)**

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>

#### **Abstract Publications 2017-2021**

Ian C. Clarke, Evert J. Smith, Thomas K. Donaldson

*Adverse MOM wear mechanisms are triggered by release of large metal particles during MOM impingement e*

European Hip Society 13<sup>th</sup> Congress

Hip International 2018 No. 271 Oral Presentation

Session ID: O23 Metal ion release & tribology

The Hague - 21.09.2018

#### **Contributions to books**

Clarke IC, Lazennec J, Smith EJ, Sugano N, McEntire, B, Pezzotti, G

*Ceramic Chapter in: Ceramic-on-Ceramic Bearings: Clinical Wear Modes Compared to Simulator Wear Tests.*

*In Sonntag R, Kretzer JP, ed. Materials for Joint Arthroplasty - Biotribology of Potential Bearings: Imperial College Press; 2015*

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2021**

**Presentations 2018 to 2021**

Smith EJ

*Hips*

Physio, Osteopath and Chiropractor Education Day

Bristol - March 2018

Smith EJ

*Extensive Exposure of the Hip - Tips and Tricks*

Mayo Arthroplasty Conference

Westport - April 2018

Smith EJ

*Taking a walk; new joints for old in the lower limb*

Clifton Club

Bristol - April 2018

Smith EJ

*Cemented or uncemented Total Hip Arthroplasty - How to decide?*

1st International Hip & Knee Arthroplasty Symposium

Larissa - April 2018

Smith EJ

*A fatuous argument - Cemented or Cementless THA*

Thessaloniki University - Visiting Academic Lecture Programme

Larissa - April 2018

Smith EJ

*From the witness box - Metal on Metal*

Thessaloniki University - Visiting Academic Lecture Programme

Larissa - April 2018

Smith EJ

*Exposures of the hip - Tips and Tricks*

Thessaloniki University - Visiting Academic Lecture Programme

Larissa - April 2018

Smith EJ

*When to Revise Metal on Metal Bearings?*

18<sup>th</sup> EFORT Congress

Vienna - June 2018

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2021**

**Presentations 2018 to 2021 (continued)**

Smith EJ

*Exceed ABT*

6th International GOSICON

Delhi - September 2018

Smith EJ

*Approaches to the Hip - What's New?*

6th International GOSICON

Delhi - September 2018

Smith EJ

*New Trends in Acetabular Revision*

6th International GOSICON

Delhi - September 2018

Smith EJ

*Approaches to the Hip - What's New?*

Karnataka Orthopaedic Association

Bengaluru - September 2018

Smith EJ

*Early developments and results of RA*

13<sup>th</sup> EHS Congress

The Hague - September 2018

Ian C. Clarke, Evert J. Smith, Thomas K. Donaldson

*Adverse MOM wear mechanisms are triggered by release of large metal particles during MOM impingement e*

European Hip Society 13<sup>th</sup> Congress

No. 271 Oral Presentation

Session ID: O23 Metal ion release & tribology

The Hague - 21.09.2018

Smith EJ

*Hip Arthroplasty - A brief encounter*

GP Lectures - Litfield House Medical Centre

Bristol - October 2018

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

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2021**

*One-hour address 'Trunnionosis vs Impingement'*

Japanese Arthroplasty Conference

Tokyo - February 2019

**Presentations 2018 to 2021 (continued)**

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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**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**STATEMENT OF INCOME AND EXPENDITURE  
FOR THE YEAR ENDED 30 NOVEMBER 2021**

	<b>General Funds</b>	<b>Restricted Funds</b>	<b>Total 2021</b>
<b>INCOMING RESOURCES</b>			
Donations/Grants	32,501	-	32,501
Fundraising	-	-	-
Gifts in Kind	20,500	-	20,500
Interest	21	-	21
	<hr/>		
	53,022	-	53,022
 <b>RESOURCES EXPENDED</b>			
Research costs	125,500	-	125,500
Fundraising	-	-	-
Marketing & PR	136	-	136
Administration costs	1,488	-	1,488
	<hr/>		
	127,124	-	127,124
 <b>NET SURPLUS/(LOSS) FOR YEAR</b>	<hr/>		
	(74,102)	-	(74,102)
 RETAINED SURPLUS at beginning of year	331,144	-	331,144
 <b>RETAINED SURPLUS at end of year</b>	<hr/>		
	257,042	-	257,042

<b>Total 2020</b>	<b>Note</b>
29,501	
9,800	3
20,500	4
20	5
59,821	
30,500	4
3,962	3
391	6
2,506	7
37,359	
22,462	
308,682	
331,144	

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.**

**BALANCE SHEET  
AS AT 30 NOVEMBER 2021**

	<b>General Funds</b>	<b>Restricted Funds</b>	<b>Total 2021</b>
<b>FIXED ASSETS</b>			
Computer equipment	-	-	-
<b>CURRENT ASSETS</b>			
Short-term investments	19,427	-	19,427
Bank	237,915	-	237,915
	<u>257,342</u>	<u>-</u>	<u>257,342</u>
<b>TOTAL ASSETS</b>	<u>257,342</u>	<u>-</u>	<u>257,342</u>
<b>CURRENT LIABILITIES</b>			
Accounts payable & accruals	300	-	300
	<u>300</u>	<u>-</u>	<u>300</u>
<b>TOTAL LIABILITIES</b>	<u>300</u>	<u>-</u>	<u>300</u>
<b>ASSETS LESS LIABILITIES</b>	<u>257,042</u>	<u>-</u>	<u>257,042</u>
<b>RESERVES</b>			
Retained surplus	257,042	-	257,042
	<u>257,042</u>	<u>-</u>	<u>257,042</u>
<b>TOTAL RESERVES</b>	<u>257,042</u>	<u>-</u>	<u>257,042</u>

:1051165)

<b>Total 2020</b>	<b>Note</b>
129	8
19,406	9
<u>311,909</u>	
331,315	
<u>331,444</u>	
300	
<u>300</u>	
<u>331,144</u>	
331,144	
<u>331,144</u>	

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:10)

## NOTES TO FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 NOVEMBER 2021

### 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.

2021

### 3. Fundraising income

Income from fundraising consists of the following:

Ritz event

-

The related expense is disclosed as follows:

Fundraising

-

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:10)**

**NOTES TO FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2021**

	<u>2021</u>
<b>4. Gifts in kind</b>	
Gifts in kind are made up of the following:	
Director's time	20,500
The related expense is disclosed as follows:	
Research costs (director's time)	20,500
Other	105,000
	<u>125,500</u>

**5. Interest**

Interest on short-term investments (note 8)

	General	Restricted	Total
Scottish Widows Bank	21	-	21
	<u>21</u>	<u>-</u>	<u>21</u>

**6. Marketing & PR**

Secretarial assistance	-
Other	136
	<u>136</u>

**7. Administration costs**

Computer expenses	190
Depreciation	129
Licences & subscriptions	152
Postage, office supplies, printing & stationery	41
Travel & subsistence	676
Accounting fees	300
	<u>1,488</u>

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:10)**

**NOTES TO FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2021**

**8. Fixed assets**

	Cost	<u>2021</u> Acc Depn
Computer Equipment	772	772

The carrying amounts of equipment can be reconciled as follows:

	Opening Balance	Additions	Disposals	Depreciation
Computer Equipment	129	-	-	129

**9. Short-term investments**

	<u>2021</u>		
	General	Restricted	Total
Scottish Widows Bank	19,427	-	19,427
	<u>19,427</u>	<u>-</u>	<u>19,427</u>

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2020

9,800.00

3,962.00

51165)

2020

20,500

20,500

10,000

---

30,500

20

---

20

169

222

---

391

225

257

152

524

1,048

300

---

2,506

51165)

Carrying  
Value

-

Closing  
Balance

-

2020

19,406  
19,406

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

## REPORT

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

I report on the accounts of the Arthroplasty for Arthritis Charity for the year ended 30 November 2021 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.: 291)  
Address: 54 Worcester Road  
Parkwood 2193  
Johannesburg  
South Africa  
Date: 3 August 2022



The South African Institute of Chartered Accountants



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	<u>Total</u>	<u>Restricted</u>	<u>Unrestricted</u>
Opening balance investments	19,406	-	19,354
Interest for year (Scottish Widows)		-	21
	-	-	21
Closing balance investments	19,406	-	19,375

**Scottish Widow**

	<u>Total</u>	<u>Restricted</u>	<u>Unrestricted</u>
Bal at 30.11.20	19,406	-	19,406
Interest for year	-	-	21
Bal at 30.11.21	19,406	-	19,427

check

19,354	52
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21	-21
----	-----

1,031	-1,031
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19,375	31
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19,406	-
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21	-21
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19,427	-21
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**ARTHROPLASTY FOR ARTHRITIS CHARITY**

England & Wales - Charity number 1051165

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# Accounts

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**ARTHROPLASTY FOR ARTHRITIS CHARITY**

**CHARITY NO.: 1051165**

**ANNUAL REPORT AND FINANCIAL STATEMENTS**

**FOR THE YEAR ENDED 30 NOVEMBER 2020**

**Arthroplasty for**  
Arthritis Charity



**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**ANNUAL REPORT AND FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

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**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**GENERAL INFORMATION  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

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

Director: Mr Evert Smith  
Consultant Orthopaedic Surgeon

Research Committee: Dr Peter Lachman  
Prof Ian Clarke

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**OBJECTS AND POLICIES OF THE CHARITY  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

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.

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

## DIRECTOR'S REPORT FOR THE YEAR ENDED 30 NOVEMBER 2020

The Charity, in association with the Royal Academy of Culinary Arts, held a successful, well received event at The Ritz in February 2020. This event was held, not only as a fund raising exercise, but also to maintain public relations and links with sponsors. The Ritz was very gracious in allowing us to use one of its sumptuous rooms, and also provided superb canapes.

Sadly, shortly after this, the world changed drastically and COVID-19 invaded our lives.

Medical interventions concentrated on emergency procedures and routine elective work faded into the background. University departments and orthopaedic research slowed down dramatically. Funding for charities all but dried up, although we maintained our exposure and our message to trusts by submitting applications with ongoing enthusiasm. Trustee meetings continued on Zoom and we appointed a new trustee.

It is difficult to predict when fund raising activities might return to normal, but the work and aims of the charity will be maintained.

All projects previously funded have run their course. The Universities of Bath and Southampton have both generated excellent research with several international publications and presentations. Additional publications have been submitted and are awaiting assessment and approval, but this is proving arduous and progress is slow in the current climate.

The principal aims of the charity remain the evaluation of different bearing surfaces, development of new technologies and research concerning design improvements. In the light of these principles we received several applications involving aspects of musculoskeletal research. We considered two of these in depth.

Dr David Langton, Director of ExplantLab and in conjunction with the University of Newcastle, is leading the project entitled '***Developing a novel algorithm to predict the risk of metal-on-polyethylene joint replacement failure.***'

The immune response is critical to the clinical success of an implant. But this response, from a genetic stance, is poorly understood. To date, scant research has examined the influence of immunogenetics on a patient's propensity to develop osteolysis following implantation with a metal or ceramic-on-polyethylene (MoP/CoP) joint replacement prostheses.

The long-term survival of a prosthesis is determined by the host immune response to debris which is shed from the components. The more a replacement joint is used (the more active the patient), the greater the volume of wear debris that is generated. For MoP joints, the plastic (polyethylene) wear debris shed into the surrounding tissues provokes a response called osteolysis, where the bone is damaged and resorbed and, as a result, the implanted components loosen. This is the main mechanism which limits the lifespan of a replacement prosthesis.

Research on the immune characteristics of individual patients has not, as yet, been forthcoming.

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**DIRECTOR'S REPORT  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

ExplantLab have carried out extensive research, and continue to research, the manufacturing, design and surgical variables associated with success or failure of joint replacements. With this background knowledge, they are now extending their studies to include the complexities of the immune response.

Professor Alister Hart of the Royal National Orthopaedic Hospital, proposed the project ***'Improving People's Lifestyle: from Couch to...'*** to further investigate the effects of exercise on the musculoskeletal system, with or without joint replacements.

The novel coronavirus disease 2019 (COVID-19) has had a major impact on physical activity behaviours globally and many people around the world have been forced to isolate and reduce social activities. The NHS has urged people to keep going if they started exercising during the lockdown and hailed running as good for physical and mental health. The NHS 'Couch to 5 km' running App/programme is a 10-week running scheme that takes a couch potato up to the target of 5km or 30-minute run, three times per week. Although there are many reports on the health benefits of these programmes, few of these have been subjected to rigorous scientific examination, and there is a need for more research in this area.

Many people do not realise that physical activity has significant benefits for health, both physical and mental, and can help to prevent and manage chronic conditions, including some cancers, heart disease, type 2 diabetes, depression and arthritis. Inactive people are at increased risk of developing a painful musculoskeletal (MSK) condition. Physical inactivity is responsible for one in six UK deaths (equal to smoking) and is estimated to cost the UK £4.7 billion annually (including £0.9 billion to the NHS alone); it is also the 4th leading risk factor for global mortality, accounting for 6% of deaths globally.

There have not been imaging studies (hip or knee) assessing the effect of these programmes and thus it is unknown if the recommendations are good or bad for the MSK system.

By applying medical research techniques on a significant scale, this application is to further develop and understand MSK imaging studies of active and inactive individuals, with and without prosthetic joints.

We continue to be grateful to the Tompkins Foundation for their generous ongoing support and also our other regular donors who have helped to keep us going during these difficult times.

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

**Publications 2015-2020**

Koutalos A, Kourtis A, Clarke IC, Smith EJ

*Mid-term results of Recap/Magnum/Taperloc metal-on-metal total hip arthroplasty with mean follow-up of 7.1 years*  
Hip Int 2016; 00 (00): 000-000 DOI: 10.5301/hipint.5000454

Scholes SC, Hunt BJ, Richardson VM, Langton DJ, Smith E, Joyce TJ

*Explant analysis of the Biomet Magnum/ReCap metal-on-metal hip joint*  
Bone Joint Res 2017;6:113–122

Ian C. Clarke, Thomas Halim, Evert J. Smith, Thomas K. Donaldson

*Acetabular Cups in 60 mm Metal-on-Metal Bearings Subjected to Dynamic Edge-Loading with 70°  
Peak-Inclination in 10-Million Cycle Simulator Study*  
Lubricants 2018, 6, 1; doi:10.3390/lubricants6010001

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

*Adverse wear in MOM hip-arthroplasty related to the production of metal fragments at impingement sites*  
OJO Vol. 8, No. 10, October 2018 - <http://www.scirp.org/journal/ojo>

Elsissy JG, Clarke IC, John A, Smith EJ Donaldson TK

*The significance of adverse 3rd-body wear damage in the failure of metal-on-metal bearings used in resurfacing  
and total-hip arthroplasty*  
ACTA Scientific Orthopaedics, Vol 1, Issue 1, Oct 2018

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>

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

**Publications 2015-2020 (continued)**

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>

**Abstract Publications 2015-2020**

Scholes SC, Smith E, Joyce TJ

*Explant analysis of the Biomet Magnum/ReCap metal-on-metal hip joint*

Institute of Mechanical Engineers

Institute of Mechanical Engineers 2015

Koutalos A, Kourtis A, Clarke I, Smith E

*Midterm Results Of ReCap/Magnum Metal-On-Metal Total Hip Arthroplasty With Mean follow-up of 7.1 years*

European Hip Society 12<sup>th</sup> Congress

Hip Int 2016; 26 (Suppl 2): S3-S55 DOI: 10.5301/hipint.5000450 Page 11 & 12

Ian C. Clarke, Evert J. Smith, Thomas K. Donaldson

*Adverse MOM wear mechanisms are triggered by release of large metal particles during MOM impingement episodes*

European Hip Society 13<sup>th</sup> Congress

Hip International 2018 No. 271 Oral Presentation

Session ID: O23 Metal ion release & tribology

The Hague - 21.09.2018

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

**Presentations 2018 to 2019**

Smith EJ

*Hips*

Physio, Osteopath and Chiropractor Education Day

Bristol - March 2018

Smith EJ

*Extensive Exposure of the Hip - Tips and Tricks*

Mayo Arthroplasty Conference

Westport - April 2018

Smith EJ

*Taking a walk; new joints for old in the lower limb*

Clifton Club

Bristol - April 2018

Smith EJ

*Cemented or uncemented Total Hip Arthroplasty - How to decide?*

1st International Hip & Knee Arthroplasty Symposium

Larissa - April 2018

Smith EJ

*A fatuous argument - Cemented or Cementless THA*

Thessaloniki University - Visiting Academic Lecture Programme

Larissa - April 2018

Smith EJ

*From the witness box - Metal on Metal*

Thessaloniki University - Visiting Academic Lecture Programme

Larissa - April 2018

Smith EJ

*Exposures of the hip - Tips and Tricks*

Thessaloniki University - Visiting Academic Lecture Programme

Larissa - April 2018

Smith EJ

*When to Revise Metal on Metal Bearings?*

18<sup>th</sup> EFORT Congress

Vienna – June 2018

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

**Presentations 2018 to 2019 (continued)**

Smith EJ

*Exceed ABT*

6th International GOSICON

Delhi - September 2018

Smith EJ

*Approaches to the Hip - What's New?*

6th International GOSICON

Delhi - September 2018

Smith EJ

*New Trends in Acetabular Revision*

6th International GOSICON

Delhi - September 2018

Smith EJ

*Approaches to the Hip - What's New?*

Karnataka Orthopaedic Association

Bengaluru - September 2018

Smith EJ

*Early developments and results of RA*

13<sup>th</sup> EHS Congress

The Hague - September 2018

Ian C. Clarke, Evert J. Smith, Thomas K. Donaldson

*Adverse MOM wear mechanisms are triggered by release of large metal particles during MOM impingement episodes*

European Hip Society 13<sup>th</sup> Congress

No. 271 Oral Presentation

Session ID: O23 Metal ion release & tribology

The Hague - 21.09.2018

Smith EJ

*Hip Arthroplasty - A brief encounter*

GP Lectures - Litfield House Medical Centre

Bristol - October 2018

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

*One-hour address 'Trunnionosis vs Impingement'*

Japanese Arthroplasty Conference

Tokyo - February 2019

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**PUBLICATIONS, PRESENTATIONS AND CONTRIBUTIONS TO BOOKS  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

**Presentations 2018 to 2019 (continued)**

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

**Contributions to books**

Clarke IC, Lazennec J, Smith EJ, Sugano N, McEntire, B, Pezzotti, G

*Ceramic Chapter in: Ceramic-on-Ceramic Bearings: Clinical Wear Modes Compared to Simulator Wear Tests.*

*In Sonntag R, Kretzer JP, ed. Materials for Joint Arthroplasty - Biotribology of Potential Bearings: Imperial College Press; 2015*

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**STATEMENT OF INCOME AND EXPENDITURE  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

	<b>General Funds</b>	<b>Restricted Funds</b>	<b>Total 2020</b>	<b>Total 2019</b>	<b>Note</b>
<b>INCOMING RESOURCES</b>					
Donations/Grants	29,501	-	29,501	41,178	
Fundraising	9,800	-	9,800		3
Gifts in Kind	20,500	-	20,500	20,500	4
Interest	20	-	20	19	5
	<hr/>	<hr/>	<hr/>	<hr/>	
	59,821	-	59,821	61,697	
<b>RESOURCES EXPENDED</b>					
Research costs	30,500	-	30,500	20,500	4
Fundraising	3,962	-	3,962		3
Marketing & PR	391	-	391	165	6
Administration costs	2,506	-	2,506	2,315	7
	<hr/>	<hr/>	<hr/>	<hr/>	
	37,359	-	37,359	22,980	
<hr/>					
<b>NET SURPLUS/(LOSS) FOR YEAR</b>	22,462	-	22,462	38,717	
RETAINED SURPLUS at beginning of year	308,682	-	308,682	269,965	
<b>RETAINED SURPLUS at end of year</b>	<hr/>	<hr/>	<hr/>	<hr/>	
	331,144	-	331,144	308,682	

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**BALANCE SHEET  
AS AT 30 NOVEMBER 2020**

	<b>General Funds</b>	<b>Restricted Funds</b>	<b>Total 2020</b>	<b>Total 2019</b>	<b>Note</b>
<b>FIXED ASSETS</b>					
Computer equipment	129	-	129	386	8
<b>CURRENT ASSETS</b>					
Prepayments	-	-	-	956	
Short-term investments	19,406	-	19,406	19,391	9
Bank	311,909	-	311,909	288,449	
	<u>331,315</u>	<u>-</u>	<u>331,315</u>	<u>308,796</u>	
<b>TOTAL ASSETS</b>	<u>331,444</u>	<u>-</u>	<u>331,444</u>	<u>309,182</u>	
<b>CURRENT LIABILITIES</b>					
Accounts payable & accruals	300	-	300	500	
<b>TOTAL LIABILITIES</b>	<u>300</u>	<u>-</u>	<u>300</u>	<u>500</u>	
<b>ASSETS LESS LIABILITIES</b>	<u>331,144</u>	<u>-</u>	<u>331,144</u>	<u>308,682</u>	
<b>RESERVES</b>					
Retained surplus	331,144	-	331,144	308,682	
<b>TOTAL RESERVES</b>	<u>331,144</u>	<u>-</u>	<u>331,144</u>	<u>308,682</u>	

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

## NOTES TO FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 NOVEMBER 2020

### 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. Fundraising income

Income from fundraising consists of the following:

	<u>2020</u>	<u>2019</u>
Ritz event	9,800	-
The related expense is disclosed as follows:		
Fundraising	3,962	-

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**NOTES TO FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

	<u>2020</u>	<u>2019</u>
<b>4. Gifts in kind</b>		
Gifts in kind are made up of the following:		
Director's time	20,500	20,500
 The related expense is disclosed as follows:		
Research costs (director's time)	20,500	20,500
Other	10,000	-
	<u>30,500</u>	<u>20,500</u>

**5. Interest**

Interest on short-term investments (note 8)

	General	Restricted	Total	
The Co-operative Bank	-	-	-	4
Scottish Widows Bank	20	-	20	15
	<u>20</u>	<u>-</u>	<u>20</u>	<u>19</u>

**6. Marketing & PR**

Secretarial assistance	169	-
Just Giving	-	24
Other	222	141
	<u>391</u>	<u>165</u>

**7. Administration costs**

Computer expenses	225	944
Depreciation	257	257
Licences & subscriptions	152	117
Postage, office supplies, printing & stationery	524	74
Travel & subsistence	1,048	673
Accounting fees	300	250
	<u>2,506</u>	<u>2,315</u>

**ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)**

**NOTES TO FINANCIAL STATEMENTS  
FOR THE YEAR ENDED 30 NOVEMBER 2020**

**8. Fixed assets**

	Cost	<u>2020</u> Acc Depn	Carrying Value
Computer Equipment	772	643	129

The carrying amounts of equipment can be reconciled as follows:

	Opening Balance	Additions	Disposals	Depreciation	Closing Balance
Computer Equipment	386	-	-	257	129

**9. Short-term investments**

	General	Restricted	<u>2020</u> Total	<u>2019</u>
The Co-operative Bank	-	-	-	4
Scottish Widows Bank	19,406	-	19,406	19,387
	<u>19,406</u>	<u>-</u>	<u>19,406</u>	<u>19,391</u>

# ARTHROPLASTY FOR ARTHRITIS CHARITY (Charity no.:1051165)

## 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 2020 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: 54 Worcester Road  
Parkwood 2193  
Johannesburg  
South Africa  
Date: 30 June 2021

