



ANNUAL REVIEW 2023-2024



Working together to improve medicine, health and patient care through the science and practice of imaging and radiation oncology.

The British Institute of Radiology (BIR) is the international membership organisation for everyone working in imaging, radiation oncology and the underlying sciences.

We are a not-for-profit organisation and are governed by and for our members.

We have over 4,000 individual and 34 company members together with thousands of professionals who use BIR services or voluntarily share their expertise by authoring, reviewing and editing our publications, speaking and taking part in events, and participating in management and branch committees or working parties.

Our aims are to:

- ✓ Support the work of our members and their colleagues to achieve professional excellence
- ✓ Provide continuing professional development for our multidisciplinary community
- ✓ Publish cutting-edge research for our authors and readers across the world
- ✓ Influence and connect with the wider professional sector



CHARTER

With origins dating back to 1897, the BIR is the world's longest-standing radiological society. It was granted a Royal Charter in 1958 and became a registered charity in 1963.

PATRON

Her Majesty the Queen (1952–2022)

GOVERNANCE

The Council is the governing body of the Institute. It normally comprises twelve trustees, six of whom – the President, Vice Presidents, Honorary Treasurer and Honorary Secretary – also perform officer roles. Trustees are normally appointed for three years. Members of Council on 31 March 2024 were:

President

Professor Stephen Keevil

President Elect

Dr Nick Screation

Vice Presidents

Dr Simon Jackson

Mrs Helen Hughes

Dr Elly Castellano

Honorary Treasurer

Mr Daniel Pounder

Honorary Secretary

Dr Teik Choon See

Trustees

Mrs Wendy Wilkinson

Dr Anjum Ahmed

Mrs Nikki Blackler

Dr Helen McNair

Dr Amy Eccles

Dr Kannan Rajesparan, Dr Shaista Hafeez and Dr Christina Messiou retired on 30 September 2023

New Trustees who joined on 1 October 2023 were Dr Nick Screation, Professor Helen McNair and Dr Amy Eccles.

MANAGEMENT TEAM

Chief Executive

Mrs Sara Purdy

Deputy Chief Executive

Dr Sarah Adibi (to August 2023)

Director of Education

Dr Sarah Adibi (to August 2023)

Mr Neville Carter

Co-Head of Publishing (Journals)

Mrs Tami Potten

Co-Head of Publishing (Development)

Mrs Miranda Ashby-Wood

Director of Communications

& Partnerships

Ms Carole Cross

Director of Membership & Systems

Ms Jane Moynihan

Director of Finance & Operations

Mrs Magdalena Howlett

PRINCIPAL ADVISORS

Auditors

Sayer Vincent,
Invicta House, 108–114 Golden Lane,
London, EC1Y 0TL

Bankers

Barclays Bank plc,
1 Churchill Place, London, E14 5HP

Investment Managers

LGT Wealth Management,
14 Cornhill, London, EC3V 3NR

Solicitors

Blake Morgan,
Seacourt Tower, West Way,
Oxford, OX2 0FB

Registered office

Audrey House, 16-29 Ely Place,
London, EC1N 6SN

Professor Stephen Keevil	President	2022/2024	Sc
Dr Nick Screation	President Elect	2023/2024	M
Mrs Helen Hughes	Vice President (Ex Affairs)	2022/2025	Sc
Dr Elly Castellano	Vice President (Publishing)	2022/2025	Sc
Dr Simon Jackson	Vice President (Education)	2020/2024	M
Dr Teik Choon See	Honorary Secretary	2023/2026	M
Mr Dan Pounder	Honorary Treasurer	2022/2025	
Mrs Wendy Wilkinson		2021/2024	Sc
Mrs Nikki Blackler		2022/2025	Sc
Dr Anjum Ahmed		2022/2025	M
Professor Helen McNair		2023/2026	Sc
Dr Amy Eccles		2023/2026	M

Welcome from our President and Chief Executive

Welcome to our annual review for 2023–24. This has been another busy and successful year for the British Institute of Radiology (BIR) and this review highlights some of the successes of which we are most proud.

Our heritage as the oldest radiological society in the world is of enormous importance to us, and to reflect this history, in a ceremony held on our 2023 Thames River Cruise, President Stephen Keevil was formally presented with the Letters Patent granting our Coat of Arms by Christopher Fletcher-Vane, Chester Herald of Arms at the College of Arms. This prestigious event followed the granting of arms last year, symbolising a significant honour and recognition for our organisation. The new Coat of Arms reflects our heritage and values, marking a proud milestone in our history.

This year has also seen significant changes in our publishing arrangements as we successfully completed the transition to our new publishing partnership with Oxford University Press. This move will enhance the quality, reach, and impact of our publications, thanks to Oxford University Press's extensive global distribution network and renowned editorial expertise.

We were also proud to launch our new gold open access journal, *BJR|Artificial Intelligence* in January 2024. This journal will provide a dedicated platform for cutting-edge research in artificial intelligence within radiology, with its open access model ensuring ground-breaking studies are widely accessible, promoting rapid dissemination and knowledge sharing. More widely in AI we also introduced AI Round Tables – where the event and accompanying journal article provide valuable insights and help drive forward the conversation on artificial intelligence in healthcare.



Looking at our international collaborations, we further strengthened our ties through the development of reciprocal congress sessions with the American Roentgen Ray Society (ARRS) in the USA and the European Congress of Radiology (ECR) in Europe. These sessions fostered cross-border knowledge exchange and highlighted the global impact of radiological advancements.

Furthermore, the BIR World Partner Network continued to flourish, promoting collaboration with over 20 sister societies worldwide. Highlights included the World Partner Network breakfast at RSNA 2023, which provided a platform for sharing knowledge and strengthening international ties.

In terms of events, the BIR Annual Radiology and Oncology Meeting first launched four years ago and remains a key annual fixture, growing in popularity and influence. This year, the 'patient voice' element has developed particularly strongly, emphasising the importance of patient perspectives in radiological and oncological practices. Our continued presence at the UK Radiological Congress (UKIO) was marked by a joint stand with the Institute of Physics and Engineering in Medicine (IPEM) and the Society and College of Radiographers (SCoR). This collaboration showcased our commitment to supporting and advancing the field of radiology within the UK.

In Education, following the successful launch of our new video course series in 2020, this year the CT Essentials course was launched. We successfully expanded our offerings with additional accredited BIR Video Courses over the years. These courses have been well-received, providing accessible and high-quality education to professionals in the radiology community.

Stephen Keevil

Professor Stephen Keevil



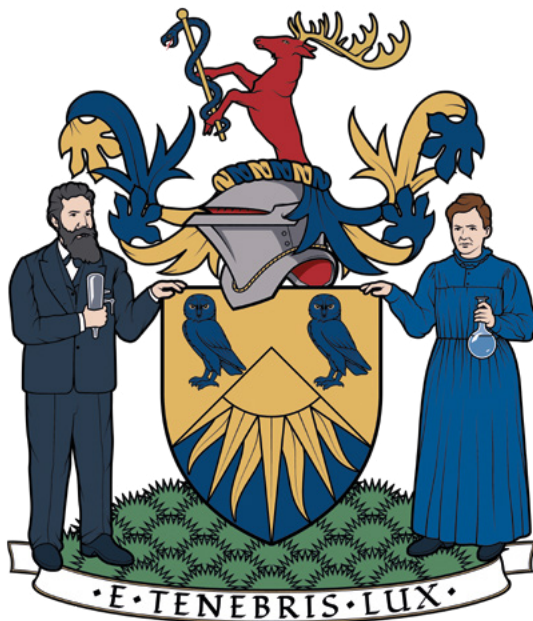
This September will see a change of Presidency and on behalf of the entire British Institute of Radiology, I would like to extend our heartfelt thanks to Professor Stephen Keevil for his outstanding leadership and dedication during his tenure as President.

Under his guidance, we have seen significant advancements and remarkable achievements in our mission to support and advance the field of radiology, and of course he leaves his legacy in the form of our Coat of Arms.

Thank you, Professor Keevil, for your exceptional leadership and unwavering support. We look forward to continuing to build on the strong foundation you have established.

Sara Purdy

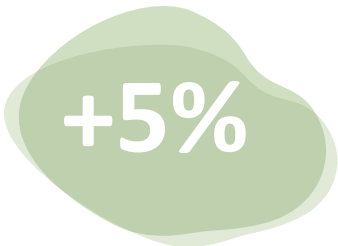
Chief Executive, Sara Purdy



BIR in numbers

Our growth over the last year

Journal articles submitted



Members
4,000

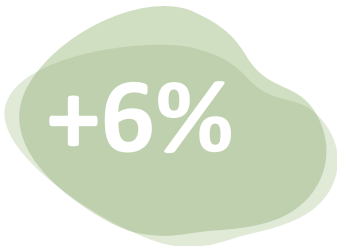
Trustees
12

Online learning library resources
454

Speakers
290

Journal peer reviewers
1,317

Journal authors



SIG management group members
130

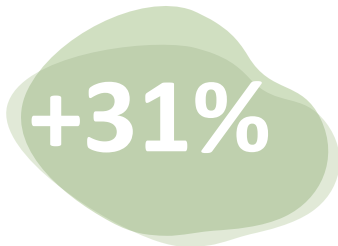
SIG members
2,282

Event organisers
40

Journal editors
242

Online lectures webinars & events
5,189

Journal editors



Journal authors
3,211

Downloaded papers
1,855,500

BIR World Partner Network
23 member organisations

SIG chairs
8

Event delegates
3,174



AI Round Table

Our first Artificial Intelligence in Radiology: Round Tables initiative was introduced to enable clinicians, data experts and clinical stakeholders to hold a frank and in-depth discussion about the challenges of AI implementation and shared with the wider audience by:

Making the film freely available on our website

Writing up the discussion into an article published in *BJR|Artificial Intelligence*

To allow us to bring this exciting vision into reality, we worked closely with GE Healthcare, a long-standing BIR Platinum and corporate member. The experts on the panel were Drs Amrita Kumar, Gerald Lip, Katherine Boylan, Alex Novak and Professor Mathias Goyen.

The recording and article are now available to review on our website.



The graphic is a promotional poster for the 'Artificial Intelligence in Radiology: Round Tables' initiative. At the top left is the BIR logo (British Institute of Radiology). To its right is a collage of images including a globe with 'AI' text, a group of people in a meeting, and a person working at a computer. The main title 'Artificial Intelligence in Radiology: Round Tables' is prominently displayed. Below the title are three columns of text:

- SHARED DISCUSSION AND INSIGHT**
Clinicians, data experts and clinical stakeholders around the table for frank and in-depth discussion about the challenges of artificial intelligence implementation. Round Table discussions provide a unique stimulating forum for clinicians and scientists to:
• Share valuable insights
• Provide expert advice
• Problem-solve together
• Explore how data can be better harnessed to improve clinical outcomes
- YOUR INVOLVEMENT THROUGH SPONSORSHIP**
• Be involved in discussing how information systems can support radiological diagnostic practices
• Align your brand with leading radiologists in this field
• Extend your reach to 25,000+ health professionals
• Associate your company with credible peer-reviewed research
- WHAT'S INVOLVED? Round Table format**
You will choose one of a series of 45-60 minutes discussions in a webinar format with a trusted network of 4-6 clinical Key Opinion Leaders. A range of topics will be offered.
Chaired by Dr Amrita Kumar.

Below the columns is a photo of Dr Amrita Kumar with her name and title: 'DR AMRITA KUMAR, Consultant Radiologist at Fimley Health NHS Foundation Trust and Chair of the BIR AI and Innovations Special Interest Group, will chair the discussion between an invited group of senior radiologists, data experts and analysts from the AI radiology world. Amrita Kumar has been named 2020 Top 50 Innovator in UK for leading innovation within the NHS transforming healthcare and research with the use of Artificial Intelligence (AI) technology.'

At the bottom right, contact information is provided: 'FOR MORE INFORMATION: conference@bir.org.uk, bir.org.uk' and the charity number 'Charity no: 215565'.



BIR Thames River Cruise highlights

The BIR Thames River Cruise has become a favourite with our Trustees, SIG chairs, corporate members, stakeholders and staff. What better way to catch up with colleagues and friends while sipping refreshments and taking in the views of London along the Thames.

A particular highlight of the 2023 event was the presentation of the Letters Patent granting our new Coat of Arms. They were presented to Professor Stephen Keevil by Christopher Fletcher-Vane, Chester Herald of Arms at the College of Arms.

Publishing

In October 2023, *BJR|Artificial Intelligence* opened for submissions, and in March 2024 published its first articles.

The BIR, building on its renowned heritage in radiology and radiation oncology, launched a new open access journal, *BJR|Artificial Intelligence*. This journal further builds on the successful portfolio of BIR journals, including flagship journal *BJR*, as well as *BJR|Open* and *BJR|Case Reports*.

The journal's scope includes clinical and technical aspects of AI in medical imaging, radiation oncology and the underpinning sciences. Led by Co-Editors-in-Chief Professor Heang-Ping Chan and Professor Issam El Naqa, and supported by a large international Editorial Board of experts in AI, the journal welcomes submissions across the journal's scope.



"BJR|Artificial Intelligence will be a home for innovative and original AI work in radiological sciences, including contributing to its successful and safe implementation in clinical practice. We envision that the journal will play a key role in advancing AI in healthcare."

Professor Heang-Ping Chan
Co-Editor-in-Chief



"This is an extremely exciting project for the BIR and I am delighted to be part of it. I look forward to seeing the journal grow and evolve over the years, providing an impactful contribution to AI research within the field of radiology and radiation oncology."

Professor Issam El Naqa
Co-Editor-in-Chief

From 1 January 2024, all BIR journals are published in partnership with Oxford University Press (OUP).

OUP are now responsible for the production, sales and marketing aspects of the BIR journal portfolio, however editorial control remains with the BIR. OUP are the largest university press and publish over 500 journals, approximately 70% of which are society-owned. They have large scale sales and marketing resources, and a large international reach, so will be able to support the BIR portfolio well.

OUP has many Read and Publish agreements with institutions and consortia across the globe which means authors from participating institutions can publish open access at no cost to themselves. OUP has agreements that apply to hybrid journals *BJR* and *DMFR*, and any agreements that permit open access journals to participate will apply to *BJR|Artificial Intelligence*, *BJR|Open* and *BJR|Case Reports* as well.

All BIR journal content is now available on the OUP platform (academic.oup.com/birjournals) and BIR member access continues.

BJR Special Features

BJR special features include themed content which highlights current hot topics and emerging areas of research put together by expert Guest Editors.

This year we published:

Prenatal imaging advances: physiology and function to motion correction and AI

Guest edited by Dr Trevor Gaunt

AI in imaging and therapy: innovations, ethics, and impact

Guest edited by Professor Issam El Naqa and the BJR AI Associate Editor team Stuart Taylor.



BJR | Case Reports first Impact Factor and new Case Collections (OUP).

In June 2023 BJR | Case Reports received its first Journal Impact Factor of 0.6! This significant achievement highlights the journal's growing influence and the high quality of its published articles. We extend our gratitude and thanks to all contributors and the editorial team for their dedication.

BJR | Case Reports' new Case Collections offer a curated group of case reports, case reviews and technical notes, offering a "go-to" resource for content in a given area. These collections will grow throughout the year as articles on each topic are accepted for publication. This year we launched:

- Imaging infections and infectious diseases
- Advances in nuclear medicine imaging



"We are delighted to reach this milestone as it will give recognition for this important article type. Case reports are a vital resource for improving clinical practice and patient outcomes and help to spread the word about rare or unusual clinical cases as well as providing an invaluable educational resource for the imaging and therapy community."

Professor Giulia Zamboni
Editor-in-Chief, BJR | Case Reports



Podcasts

BIR podcasts provide listeners with further insight into the context and clinical implications of journal articles, as well as expert opinion on a variety of topics, and also provide the opportunity for discussion within the community.

Podcasts published this year:



Podcast: AI in imaging and therapy: Innovations, ethics, and impact

An interview with
Professor Issam El Naqa



Podcast: Photon counting CT: technology, applications and the future

An interview with BJR author
Professor Hatem Alkadhi



Podcast: Diagnostic accuracy of RT-PCR and CT for suspected COVID-19 patients

An interview with BJR Barclay Medal winner
Dr Manish Mair



Podcast: Incidental imaging findings from head to toe: Challenges and management

An interview with BJR Guest Editors
Dr Rosalind Given-Wilson, Dr Nick Screatton, Professor Stuart Taylor

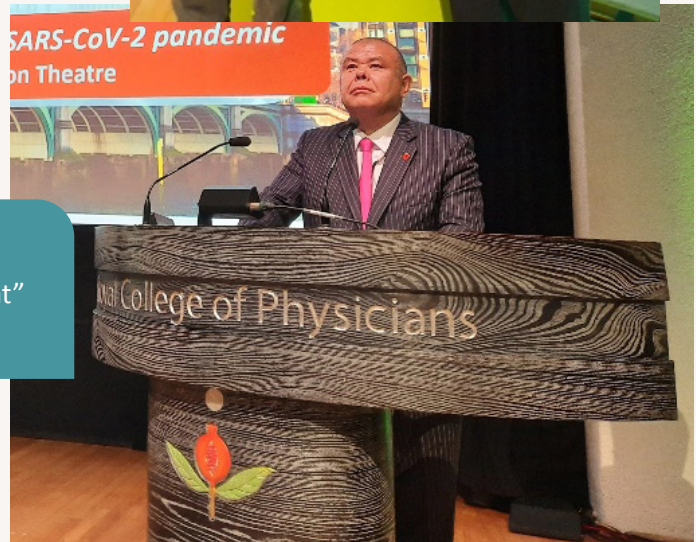
Education

We had over 29,000 views of our online resources, and over 3,000 people registered for our events during 2023-2024.

BIR Annual Congress 2023

Encouraging multidisciplinary collaboration

Annual Congress returned again this year for the 14th time, with the theme of multidisciplinary collaboration attracting 550 attendees across two days. We were honoured to have keynote sessions delivered by Professor Adrian Brady on 'The 21st century radiologist: Optimising relevance (while staying sane)' and Professor Sir Jonathan Van Tam on 'Science, policy and leadership during the SARSCoV-2 pandemic'. Networking drinks were kindly sponsored by BARCO, and the event ended with a formal dinner in the beautiful Royal College of Physicians Library.



99% of delegates rated the BIR Congress "Excellent" or "Very good"

Imaging explosion across the pond – causes and solutions

A new free evening event held at a pub in central London with three short lectures on the causes of imaging growth in the USA and the challenges of managing utilisation programmed by Dr Saurabh Jha, University of Pennsylvania and kindly sponsored by DMC Radiology Reporting. The event followed a drinks reception allowing delegates, speakers and corporate members to network. With over 40 attendees this was a very successful bitesize event collaborating with international speakers from across the pond.

AI in Nuclear Medicine and PET

A niche AI event held in Oxford focusing on its use in nuclear medicine and PET with viewpoints from technologist, physicist, clinician and industry. This exciting new event was organised for professionals working in the field of nuclear medicine and PET.

With over 30 engaged delegates, the event received incredible feedback on the topics and speakers, as well as the incorporation of a poster viewing session.

A radiographer's journey

A free virtual evening event for radiographers at all stages of their career as well as those seeking to make a career move with a focus on how to become a radiographer, a day in the life of a radiographer and how to excel and grow in the profession. With over 230 delegates and a rating of 94% in educational value, this event was an exceptional success providing high-quality education and helping attendees kickstart and flourish in their careers.



BIR/HLH Lung Cancer Screening Study Day

A new event delivered in collaboration with Heart Lung Health focusing on sharing learning from NHS Targeted Lung Health Check (TLHC) sites and insights on the potential rollout of a national lung cancer screening programme. This new event attracted over 130 delegates.

Working with partners

We continue to work with related organisations and societies to broaden our reach and to support others with our event organising expertise. We worked in association with InHealth and Canterbury Christ Church University to deliver “Pre-Clinical Evaluation in MRI – brain and spine study days” primarily for radiographers.

British Society of Head and Neck Imaging



We supported the British Society of Head and Neck Imaging (BSHNI) to deliver their annual refresher course titled BIR/BSHNI Head and Neck Imaging Refresher Course 2024 in Leeds and 97% of delegates rated the event “excellent” or “good”.

Collective Minds



New corporate members Collective Minds provided their cloud-based case viewing platform for a range of events this year, including the BIR Annual Congress.

IADMFR



Expanding our already strong relationship with the International Association of DentoMaxilloFacial Radiology (IADMFR), we have published their journal *DMFR* on their behalf for many years, and this year we also supported their educational endeavours by producing and hosting their series of webinars, developing their poster platform for their annual congress in Brussels in July 2023 and hosting the abstracts from this meeting.

BIR VIDEO COURSES

Engaging | Memorable | Relevant

Our video courses continue to be popular with individuals and groups, and enable people to engage in high-quality training on a limited budget, without the need to take a whole day away from the workplace.

This year we launched “CT Essentials”, which is suitable for anyone new to the modality or needing a refresher.



CT Essentials

This course will enable the learner to fulfil their CT responsibilities safely and effectively, following the latest radiation safety guidelines. The course follows the patient pathway, and upon completion of this course the learner will gain an understanding of:

CT technology and physics of image formation

Correct practice for patient preparation

Contrast administration

Scanning protocols

CT optimisation

“It is very good and I would recommend the course to less experienced or non-static CT band 6 staff within my own department.”

Natalie Gartland
*Imaging services manager,
Royal Brompton*

“The course offers high-quality education.”

Elly Castellano
*Principal Physicist
(Diagnostic Radiology),
Royal Marsden*



Also available in the BIR video series:

Radiation safety

Dose: Practice and principles of optimisation and safety

MRI Essentials

PET-CT Essentials

Effective communication with your patient in imaging and therapy

Referring your patient for imaging: for GPs and medical doctors

Requesting imaging safely: For nurses and AHPs

Special interest groups and branches

Our Special Interest Groups (SIGs) and branches develop much of our face-to-face and online educational programme, meeting regularly to discuss and ensure our programme covers the most relevant and useful topics, as well as helping to determine policy, produce guidance and position papers and contribute to publishing.

The Nuclear Medicine Molecular Imaging (NMMI) SIG make a significant contribution to the BIR's education programme. This small but dynamic group of our members are led by Chair, Dr Daniel McGowan, a Consultant Clinical Scientist who is Head of Education and Research, Department of Medical Physics and Chemical Engineering, at Oxford University Hospitals. Dan has been a fantastic supporter of the BIR since he joined the Young Professionals & Trainees SIG (previously called the Trainee Committee) back in 2009 and a trainee himself.



The NMMI SIG have organised some of our most popular events over the years, including SPECT CT, Theranostics, the BIR/IDUG Molecular Radiotherapy Dosimetry Event and AI in NM and PET.

"The biggest thing for me with the BIR is simply this: multidisciplinary. Many of the events our SIG puts on have viewpoints from across the multidisciplinary team including from industry. The BIR are a very dynamic organisation and it has been wonderful to see feedback taken on board and changes made to the wider body. It has been impressive to see how the education output of the BIR has evolved over time and how successfully the team adapted to online and hybrid events delivery."



Dan McGowan
Consultant Clinical Scientist

SIG	Chaired by
AI and Innovations SIG	Dr Amrita Kumar Consultant Radiologist
Clinical Imaging	Dr Ali Shah Consultant Radiologist
Leadership and Management	Dr Elizabeth Loney Consultant Radiologist replaced in October 2023 by Dr Elly Castellano Consultant Medical Physicist
Magnetic Resonance	Professor Martin Graves Head of MR Physics and Radiology IT
Nuclear Medicine and Molecular Imaging	Dr Daniel McGowan Consultant Clinical Scientist
Oncology and Radiotherapy	Professor Keith Langmack Head of Radiotherapy Physics
Radiation Safety	Mr Peter Hiles Head of Radiation Physics
Young Professionals and Trainees	Dr Meghavi Mashar Trainee Radiologist replaced in June 2023 by Dr Jianan Yuan Trainee Radiologists

Branches

At the BIR we have 6 national branches who are key to the organisations' educational activities. An event highlight was the AI in Scotland organised by the Scottish Branch in January 2024.

East of England

Midlands

Scotland

South West

Wales

Wessex

Membership

4,000
members

12%
International
members

Thanks to all our members who have continued to support us. We offer a variety of benefits to members, this year we have launched our new guide to Radiology Training programmes.

Guide to Radiology Training Programmes

The BIR Young Professionals & Trainees group produced an updated guide to clinical radiology training programmes 2024. The guide includes available posts, training styles, facilities, and the environment outside of work in each UK Deanery. Available to members through the BIR Sharing Platform.

Within the first few weeks the guide received over 100 downloads.



Our members comprise of:

Radiologists
Trainee Radiologists
Radiographers
Doctors
Scientists
Nurses
Sonographers
Oncologists
Dosimetrists
Radiobiologists



Why members value multidisciplinary working

BIR members told us in a recent survey that the reason multidisciplinary working is so important is because:

It gives better outcomes for patients

It enables innovative practice

We continue to bring together the whole imaging team to collaborate through our educational events and resources.



BIR Online Learning Library



Online Learning Library and CPD

The Online Learning Library hit the number one spot for the most used member resource according to this year's member survey. Virtual events and CPD were also in the top three. Members can instantly access over 300 videos in the library, most of which include CPD. Nearly 300 CPD certificates (totalling over 700 CPD points) were awarded to members from recorded lectures last year.

Corporate membership

This year we were delighted to welcome our new member, EIZO.

Our corporate members are integral to the BIR. We welcome participants from industry on our Special Interest Groups management committees and on Council, and they play a vital part in enabling us to deliver high quality online and in-person events, and publishing activities, to the imaging and therapy community.

We are grateful to our platinum sponsors for their commitment to the BIR education programme.



GE HealthCare

PHILIPS

SIEMENS
Healthineers



Our corporate members



“BIR membership is offered as a staff benefit to all our InHealth radiographers and PET-CT technologists because we value the importance of continuous education and training across our cohort of clinical staff. The opportunity for staff to use the BIR resources including the Online Learning Library, webinars and videos to participate in CPD is invaluable.”

Wendy Wilkinson
Director of Clinical Quality,
InHealth



“We have found many benefits in being a partner with BIR. Their wide reach within the radiology community allows us to connect with many new contacts and reconnect with others. Their communication with us has been excellent allowing us to collaborate and work together in publishing blogs, attending conferences with the possibility of much more. They are a pleasure to work with bringing added value to our company.”

Amanda Walsh
Imaging Applications and Product Specialist
EMEA, Life Molecular Imaging



BIR WORLD PARTNER

Network

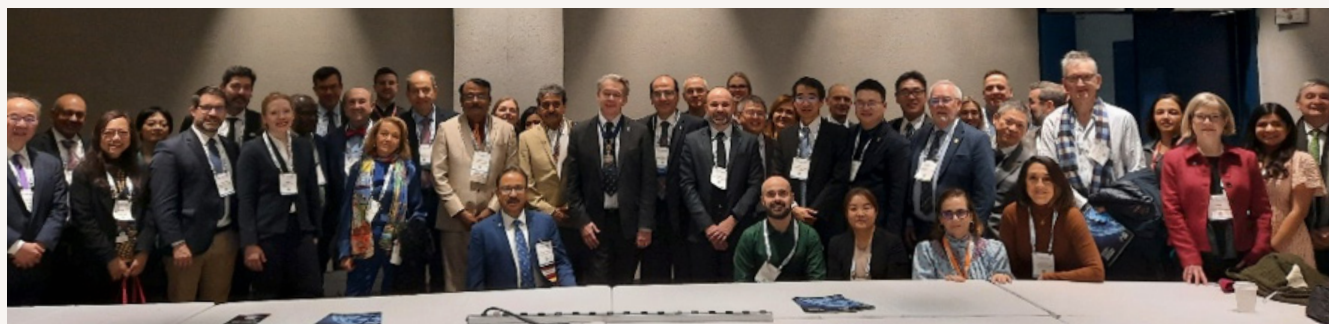
We continue to send our World Partner Network partners regular resources to support their members. This year we were pleased to welcome the Egyptian Society of Radiology and Nuclear Medicine (ESRNM) and the African Society of Radiology (ASR) to the network.

“At SERAM, we are very happy to be part of the BIR Global Partner Network with whom we maintain a fluid relationship and a shared commitment to advancing the knowledge and understanding of all our individual members, thereby improving the scope and value of imaging and radiation oncology for patients across the world.”

Dr Milagros Otero
President Spanish Society of Medical Radiology (SERAM).



A first for the BIR World Partner Network, at the 2023 Radiological Society of North America we organised a fantastic breakfast networking session, kindly sponsored by DeepHealth, with all our partners. This provided us with an excellent opportunity to meet our partners face-to-face and strengthen our relationship.



Making safety a priority for staff and patients



Radiation Safety Week 27 February to 3 March 2024 #RADIATIONSAFETY

For Radiation Safety Week 2024, we provided four advice sheets on outsourcing, emergency planning, radon and how to wear a lead apron. These were sent in daily emails and shared and discussed on social media.



MR Safety Week 24–28 July 2023 #MRSAFETY

Each year we promote MR Safety Week, marking the anniversary of the tragic death of a child who died in the MR room. We published five new advice sheets on Managing interoperative interventional and MRI services, Safety steps in an anaesthesia service in MRI, Generic implant procedures, An update on MR standards, and Interpreting MR conditional labelling. These were well-received and the webpage has been viewed over 4,000 times.

Joint position statement with UKHSA: Medical imaging exposure and radiation safety for patients

We produced a joint statement with UKHSA, which was led by the Radiation Safety SIG and Peter Hiles the Chair of this group. This follows on from previous statements from the International Atomic Energy Agency (IAEA) and the American Association of Physicists in Medicine (AAPM) and clarifies our position that the BIR supports the view that the decision to perform medical imaging exposure should be based on clinical need, rather than dose from previous exposures.

Linac Engineers Survey

We supported the Oncology and Radiotherapy Special Interest Group to prepare and distribute a survey for Linac Engineers to examine demographics; recruitment, training and working experiences; current working patterns; skills and practices and their CPD opportunities and career aspirations.

Awards and prizes

BIR awards and prizes recognise and applaud the hard work and achievements of our imaging and radiation oncology community. We were proud to present the following awards this year:

SIR GODFREY HOUNSFIELD MEMORIAL LECTURE

Established in memory of Sir Godfrey Hounsfield and his pioneering work in CT. The lecture is normally given at the BIR's Annual Congress.

Awarded to Adrian Brady

Lecture entitled "The 21st century radiologist: Optimising relevance (while staying sane)"

AIDENCE MAYNEORD MEMORIAL LECTURE

Founded in memory of Professor W. V. Mayneord CBE FRS, past president of the BIR.

Awarded to Professor Sir Jonathan Van-Tam

Lecture entitled "Science, policy and leadership during the SARSCoV-2 pandemic"

BAYER MAKE IT BETTER

Awarded to Dr Louis Dwyer-Hemmings & Team (UCLH)

The introduction of a short MRI protocol for the detection of joint inflammation.

SIEMENS RESEARCH AWARD

Awarded to Dr Jina Pakpoor, UCHL

For the project on predicting success at the Fellowship of the Royal College of Radiologists (FRCR) Examinations.

BIR NIC MCNALLY RADIOBIOLOGY AWARD

Awarded to Mr Ricardo Minaya Sainz

For the paper entitled "Antibody blockade of ART1 synergises with CTLA-4 inhibitors to promote radiotherapy-induced immune responses in a mouse lung cancer model".

BIR/GE RADIATION SAFETY AWARD

Awarded to Dr John Kotre

The J-factor: towards quantitative justification for medical radiation exposure



Professor Sir Jonathan Van Tam being presented the BIR/Aidence Mayneord Award by Professor Stephen Keevil and Lloyd O'Mahony, Business Development Manager, Aidence.

BJR Awards

BARCLAY MEDAL

Founded in 1952 in memory of Dr Alfred Ernest Barclay, the Barclay Medal is awarded annually to a person whose contribution to BJR has been a piece of original research of special merit.

Awarded to Dr Eleftherios Karanasios and team

For their *BJR* article "Prostate MRI quality: clinical impact of the PI-QUAL score in prostate cancer diagnostic work-up"
<https://doi.org/10.1259/bjr.20211372>.

EARLY CAREER INVESTIGATOR AWARD

This is aimed at encouraging early career professionals in the general areas of diagnostic imaging, radiotherapy and related topics to carry out and publish research.

Awarded to Dr Christian R Cooper and colleagues

for their *BJR* article "FLASH irradiation induces lower levels of DNA damage ex vivo, an effect modulated by oxygen tension, dose, and dose rate"
<https://doi.org/10.1259/bjr.20211150>.

DR PRAFULLA KUMAR GANGULI AWARD

The award is made to the author of an outstanding original case report published in BJR|Case reports during the previous calendar year.

Awarded to Dr Chin Harn Yap and colleagues

for their *BJR|Case Reports* article "Duodenum inversum: a rare cause of nausea and epigastric pain"
<https://doi.org/10.1259/bjrcr.20210144>.

BIR Recognition Awards

Fellows and Honorary fellows

In September 2023, the following individuals became BIR Fellows or Honorary Fellows. We honour our members in this way to recognise their generous support and commitment to the organisation.

Fellows

Members of at least 5 years standing who have rendered service to, or on behalf of, the Institute.

Professor Elizabeth Loney

Dr Vijay Jayaram

Dr Ausami Abbas

Dr Salil Karkhanis

Professor Andrew Poynter

Honorary Fellows

Selected from distinguished persons who have contributed by original research to the scientific advancement of radiology, radiation oncology and the underlying sciences for which the Institute desires to confer honour.

Professor Søren Bentzen

Professor Giulia Zamboni

Finances

Income for the 12 months to 31 March 2024 was £1.997 million compared to £2.181 million in the 12 months to 31 March 2023.

The principal sources of revenue are publishing (£888k), education (£599k), membership (£315k), BIR video courses (£27k) and dividend income from the investment portfolio (£160k).

Expenditure for the year was £2.2 million for the 12 months to 31 March 2024 compared to £2.21 million for the 12 months to 31 March 2023. The principal areas of expenditure were publishing (£653k), education (£1,018m), membership (£378k) and BIR video courses (£102k).

At an operating level, the Institute recorded a deficit of £208,254 for year ending 31 March 2024, which compares with a deficit of £29,927 for the 12 months to 31 March 2023. The Institute recorded a net surplus of £220,403, in comparison to a net deficit of £248,383 in the previous year.

During the challenging time of extremely high inflation, the team did well at reducing the planned deficit. The value of the investment portfolio significantly increased during the year.



Statement of financial activities

YEAR ENDED 31 MARCH 2024

2024
£'000

2023
£'000

INCOMING RESOURCES

Donations	-	7
Publishing	888	1,028
Education	599	660
Membership	315	300
BIR video courses	27	37
Other Income	168	168
Total Incoming Resources	1,997	2,181

RESOURCES EXPENDED

Publishing	653	772
Education	1,018	946
Membership	378	338
BIR video courses	102	100
Governance costs	14	12
Other	7	10
Investment management fees	33	33
Total Resources Expended	2,205	2,211

Net outgoing resources for the year	(208)	(30)
Unrealised (loss) gain on investments	429	(218)
Net movement in funds	221	(248)
Funds brought forward	5,567	5,815
Funds carried forward	5,788	5,567

BALANCE SHEET AS AT 31 MARCH 2024

Tangible Fixed Assets	67	84
Investments at Market Value	5,633	5,241
Total Fixed Assets	5,700	5,325
Current Assets	1,324	1,816
Current Liabilities	(1,236)	(1,574)
Net Assets	5,788	5,567



Registered charity number 215869

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