

Association for Respiratory
Technology & Physiology

Breathing Inspiration and Quality into Respiratory Healthcare

4th Anniversary 1976 - 2016

ARTP ANNUAL CONFERENCE

2016

**Thursday 14th January
Friday 15th January**

Hotel Russell, London



Incorporating ARTP Sleep

It's going to be 'Out of this World'

Welcome to the 40th anniversary of the ARTP annual conference. We hope you enjoy all the events that we have planned for you. From the educational to the social, this promises to be one of the best conferences ever.

As it is 40 years since the inception of the ARTP as an organisation this allows us time to reflect and look back on everything that has been achieved. I remember those individuals at school that used to say "Why do we have to learn about history, there's nothing we can do about it now!". Of course they were right, that the course of past events cannot be changed in the present. However, it is what happens in our past that influences what we achieve in our future. It has been through the foresight, dedication and tenacity of those courageous individuals before us that have shaped the ARTP into the outstanding organisation that we are today.

ARTP is the best professional organisation in the healthcare science business. We lead the way for others to follow. I'm delighted that some of those leaders from yesteryear have graciously accepted the invitation to attend our conference and celebrate with us such a momentous milestone. As a group of healthcare scientists we are truly out of this world and so the theme for this year's conference is very fitting. We are honoured to have Helen Sharman as our speaker in the extreme physiology session to explain the rigorous requirements for working and living in space. We also have some truly out of this world research presentations in our poster and spoken sessions. Please support these as best you can. Listen to what your fellow colleagues have been up to, ask questions, take away ideas of your own and come back next year with an abstract of your own. See, learning from the past to shape the future. That's what science and being a healthcare scientist is all about.

We are delighted to be able to host this year's conference in the Hotel Russell in London; a venue which, had it not been for the misfortune of our original destination, would not have been possible. It has been thanks to the hard work and dedication of our executive secretariat that an alternative and, dare I say it, even better than the original venue has been organised. We truly owe so much to Executive Business Support for all that they do for us, culminating in an always outstanding conference to celebrate all of our achievements. It is also thanks to the dedication and hard work of our Events Committee ably led by Alan Moore that such an amazing conference with all of the outstanding speakers has come to fruition. This will be the last conference organised by Alan, with the reins being taken up by Kelly Pauley. My thanks to Alan for everything he has done and achieved in his position as Events Chair. I know that Kelly will pick up the mantle with equal tenacity, drive and enthusiasm to deliver for you the best possible educational and social events.

This year's conference, as with every year, will be your opportunity to immerse yourself in respiratory and sleep physiology. This is your chance to learn new facts and refresh yourself with some old principles; and also an opportunity to meet up with old friends and forge new relationships.. Take all the opportunities provided to you, both educational and social and make the most of your time at the ARTP's 40th Anniversary conference. Thank you for coming, stop me and say hello but most of all enjoy every second to the best of your ability.

Karl Sylvester
Honorary Chair, ARTP

Conference Info

Social timetable

Registration Desk Opening Times

Wednesday 13th January	17:00 – 18:30
Thursday 14th January	08:15 – 17:30
Friday 15th January	08:15 – 17:30

Exhibition Opening Times

Thursday 14th January	08:30 – 17:30
Friday 15th January	08:30 – 14:30

ARTP Meet and Greet

The ARTP Meet and Greet stand will be situated in the exhibition area and will be staffed during refreshment and lunch breaks by members of the ARTP Council, Board and sub-committees such as education and workforce. You will be able to find out more about upcoming courses and events, membership benefits and everything ARTP. Please do come along and feedback to the team your views on any aspect of ARTP or areas that you believe ARTP could be working better for you. This is a good opportunity to shape the future of your ARTP so please come along and get involved.

Directed Poster Viewings

There are 22 posters on display next to the exhibition area and directed poster viewing will take place during the lunchtime breaks. If you would like to participate, please congregate at the registration desk in the foyer.

Thursday 14th January	13:00-14:00 (Posters 1-11)
Friday 15th January	13:45-14:30 (Poster 12-22)

Authors should make sure that they attend their posters during these viewing times,

Professor Mike Hughes Book Signing

Professor Mike Hughes will be signing copies of his book - **Physiology and Practice of Pulmonary Function** - at the Registration Desk in the foyer in the refreshment break from 16:00-16:30 on Thursday 14th January. You will also be able to buy copies for a reduced price of £19.90.

Thursday 14th January – 19:30

1970s Games Night

Be transported back to when ARTP began with a 1970s games night. Test your skill with giant 'Operation' or if you feel the need for speed then take a spin on the 'Scalextric' course. There will be a buffet dinner and plenty of fun so please come along. Fancy dress optional.

This event is included in the full conference package.

Friday 15th January – 19:00

Masquerade Gala Dinner

This year's Gala Dinner includes a Masquerade theme to celebrate the ARTP 40th Anniversary. The dress code is black tie/cocktail dress with mask.

If you are attending as a group and wish to reserve space on a table, please see the registration desk before lunchtime on Friday.

Join us from 19:00 for complimentary drinks and some amazing pre-dinner entertainment with dinner served at 19:30.

After dinner entertainment will be provided by The Hijackers, an amazing energetic three-piece band playing all music from the 60s to today.

Exhibition Teaser Quiz

We have three prizes for this year's Teaser Quiz: £250, £150, £75 in Amazon vouchers. To enter simply visit the participating exhibition stands and get a sticker on your entry form then drop it the box on the registration desk before 2:30pm on Friday 15th January. The winners will be announced during the Gala Dinner.

Twitter

Get involved with the conversation @artp40th - Look out for your tweets on the screens in the Exhibition area.



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Dr. Karl Sylvester – Chair
Julie Lloyd – Vice Chair
Tracey Fleming – Secretary
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Rosemary Fillingham

Successful Candidates

ARTP/BTS National Assessment - 2015

Part 2 Successful Candidates:

Rasheda Choudhury	City of Westminster College
Richard Kamara	City of Westminster College
Serena Spiteri	City of Westminster College
Kirsty Thompson	Glasgow
Kimberley Evans	Swansea
Ronan Madden	Swansea
Stuart Marks	Swansea
Blake Marsh	Swansea
Laura Wallis	Swansea

ARTP Professional Qualifications

Associate Level:

James Andrew	Anna George
Kate Jervis	Charlotte Montague
Adam Rathbone	Keeley Wilkinson

Practitioner Level:

Gavin Comber	Lesley Donnan
Daniel Egleton	Lisa Graham
Harry Griffin	Martin McPhilimey
Joel Richards-Sharpe	Heather Roberts
Lucy Robertson	Helen Yates

ARTP Awards History

2000-2015

Sue Hazard (1962-2001)

Sue Hazard was a Senior Clinical Physiologist (Band 6) who successfully trained on the West Midlands MPPM Training Scheme and became deputy head of service at Nottingham City Hospital (1990-2001). Apart from being an excellent all round physiologist, she specialised in all advanced services such as CPET, sleep apnoea and non-invasive ventilation. At the age of 38 over a matter of months she developed Motor Neurone Disease and sadly even trialled NIV herself. Staff in lung function at Nottingham City Hospital started an appeal in 2000 to raise funds, which was then generously helped along by the ARTP Conference in 2001, for her family (her two young boys Ben and Daniel were both under age seven) to have a special "last holiday" at Disneyland Paris. This was the last holiday she shared with her family before her untimely death in May 2001. Sue was a wonderful, caring, kind and hard working physiologist who contributed greatly to our profession in the short time she was alive. These events captured the spirit of ARTP membership, their generosity, caring and solidarity in the face of adversity. It exemplifies why we are more than just a professional body. The award recognises the skills, hard work and endurance that our best physiologists achieve in their practical exams.

John Cotes Award (1924-)

Dr John Cotes is very much the "father/grand-father" of lung function measurement in the UK and across the world. He graduated in medicine from Oxford and became a respiratory research fellow for the MRC Pneumoconiosis unit in Cardiff and later continued this respiratory occupational medicine work in Newcastle upon Tyne. He pioneered the development of the single breath transfer tests into a standard piece of equipment together with PK Morgan the founder of the Morgan dynasty. He advised and worked on the altitude physiology for the first ever successful Everest Expedition in 1953 and developed the early lung function reference values used by ARTP staff in the UK. John Cotes published the first edition of "Lung Function" in 1965 (known affectionately as "Cotes") and this book became the "bible" for nearly all lung function laboratories in the UK prior to the foundation of ARTP, and continues to be used. Indeed it's 7th Edition is currently in preparation. John has always insisted on the best scientific evidence and highly detailed research to standardise the quality of lung function measurement. In 2002 he won an ARTP Special Achievement Award to recognise the enormous contribution he has made to respiratory physiology by his pioneering work.

Dr Lyn Davies (1951 – 2013)

Lyn Davies, founder of Stowood Scientific Instruments was the drive, science and physics behind SSI VisiLab, Oximetry Download software, Greyflash, SteerClear, and many more systems involved with sleep apnoea. He had a close friendship and working relationship with Professor John Stradling at Oxford, with whom he worked brilliantly together on many of the SSI projects. He was probably most famous to ARTP for his fabulous Welsh singing voice which took the ARTP Conference by storm a few years ago when he performed "Delilah" to a standing ovation on a fun karaoke night. He was in fact a very accomplished male voice chorister and was part of a singing group that has entertained many people in the Oxford area over the years. His support of ARTP over the years has been fantastic and he made a huge impact on the diagnosis of sleep disorders and education to (sometimes clueless) clinical staff on how to offer a good sleep apnoea service! We always enjoyed his smartness, his sense of humour, and the little wink when he was winding someone up! After a short illness, he died at home but was able to confirm that he would be proud that there was a to be a Lyn Davies Award for the best Sleep Poster at ARTP/BSS conferences.

Suzanne Davies (1944-2002)

A unique role model at the Leeds General Infirmary, Suzanne made her mark within her field by being a methodical precise worker. Her preparation of patients and the diligence she showed when testing left nothing to chance. This attention to detail was a hallmark throughout her career. Suzanne was the backbone of the Respiratory Function Unit. From early in the morning to last thing at night she could be found beaver away. Always busy, always lots to do, but never too busy for a kind word of encouragement for a colleague. Her working life began in the late sixties at the LGI, a place she stayed throughout her long career. In the early days she trained in cardiology working under Graham Tate, establishing life long friends along the way. She then moved on to Respiratory Physiology, an irony due to her being a life long asthmatic. This enabled her to genuinely empathise with the suffering of her patients but this debilitating illness eventually led to her untimely death.

Suzanne dedicated her life to Respiratory Physiology and to the LGI, a place she continued to love despite the many changes she saw during her long association with the hospital. She was well known throughout our profession, never afraid of voicing her opinion, questioning a point in her clear precise manner even though she insisted she was shy.

ARTP Special Awards for Services to Respiratory Medicine

2015	Professor Anita Simmonds and Mr Nigel Clayton
2014	Dr Rob Primhak, Professor Mary Morrell, Dr Adrian Kendrick
2013	Dr Philip Qunjer, Prof Denis O'Donnell, Dr Sue Revill, Tina Perkins
2012	Dr Mark Levy, Prof Kim Prisk, Keith Butterfield
2011	Dr Martin Miller, Dr Martyn Allen & Jane Caldwell
2010	Professor John Stradling and Andy Robson
2009	Professor John Moxham and Trefor Watts
2008	Prof Mike Morgan and Janet Stocks
2007	Prof Peter Calverley and Dr Roger Carter & Dr Maureen Swanney
2006	Mr Derek Cramer and Dr Paul Enright
2005	Mrs Angela Evans & Professor Mike Hughes
2004	Joseph Milic-Emili MD, Professor John Gibson & Dr Neil Pride
2003	Dr Sue Hill & Professor Peter Macklem
2002	Dr John Cotes & Mr Kevin Hogben
2001	Dr Josef Roca & Dr Gabriel Laszlo
2000	Mrs Sue Bradbury & Dr Duncan Hutchinson

Sue Hazard Award

2015	Stephanie Gunn (Pt2) Amy Hall (Practitioner)
2014	Harriet Hearn (Pt 2)
2013	Stephanie Gunn (Pt 1) Claire Stacey (Pt 2)
2012	Melanie Mackenzie (Pt 1) Joseph Perks (Pt 2)
2011	Louise Harlow
2010	Rachel Benham (Pt 1) Catherine Dixon (Pt 2)
2009	Sara Neale
2008	Geljit Johal
2007	James Oliver

John Cotes Award

2015	Natalie Dean
2014	James Dean
2013	Lucy Clarke
2012	Karen Allport
2011	Eleanor Herring
2010	Samantha Briscoe
2009	Rheannan Shelley
2008	Tracey Cross
2007	Simon Clough

Suzanne Davis Award

2015	Emma Harrison
2013	Natalie Dean
2012	Richard Glover
2011	Charlotte Hurst
2010	Kerryanne Dennis
2009	Louise Harlow
2008	Samantha Briscoe
2007	Steven Corkhill

CSO Award for Innovation

2011	Yasmin Khan
2010	Samantha Briscoe
2009	Alison Proctor
2008	Emma Scrase
2007	Vicky Lote

Lyn Davies Award

2016	Dr Panagis Drakatos - awarded at BSS Conference
2015	James Stockley
2014	Professor John Stradling

Speaker Biographies

Keynote Speakers



Helen Sharman

First Briton in Space - MIR Station 1991

Plenary Session – Extreme Physiology: "Training For Living in Space"

Helen is one of our prized speakers this year. After studying at Jordan Thorpe Comprehensive, she received a BSc in chemistry at the University of Sheffield in 1984 and a PhD from Birkbeck, University of London.

Helen was then selected to travel into space with Project Juno on 25 November 1991 ahead of nearly 13,000 other applicants becoming the first British astronaut and first female astronaut and received a star on the Sheffield Walk of Fame for her accomplishments.

We are grateful that Helen is coming to talk to us about Training For and Living in Space.



Professor Mike Hughes

PK Morgan Memorial Lecture: "Forty Years of Respiratory Physiology"

Mike Hughes studied Medicine at Oxford and the London Hospital. His clinical career (1965–97) was wholly at the Hammersmith Hospital and the Royal Postgraduate Medical School (RPMS), starting as SHO to Drs CM Fletcher and Moran Campbell and finishing as Professor of Thoracic Medicine and Radiology at the RPMS (now part of Imperial College). Research Fellowships (1966–69) were at the Hammersmith with Dr John West and the Harvard School of Public Health (physiology with Dr Jere Mead). He has published widely in Respiratory Physiology, and regional lung function (radionuclides and short half-life radioisotopes and gamma and positron cameras).

His clinical interests have been in Pulmonary Function testing, including the transfer factor, particularly, the KCO! He started one of the first specialist clinics for patients with pulmonary arteriovenous malformations (PAVMs). Since retirement from clinical work, he has continued research and teaching as an Honorary Professorial Fellow at NHLI, Imperial College, and has authored or co-authored books on the physiology of Pulmonary Function and on the Pulmonary Circulation. Physiology and Practice of Lung Function (2009, reprinted 2011), published by the ARTP, will be on sale at this meeting.



Dr Chris Corrigan

Chris is Professor of Asthma, Allergy & Respiratory Science at King's College London School of Medicine, based at Guy's Hospital. He has published over 140 original manuscripts on the cellular and molecular immunopathology of asthma, and particularly phenotypes of severe and resistant disease. He manages a large adult allergy service and a severe asthma service based at Guy's Hospital, recently commissioned by NHS England as one of the three national providers for care for patients suffering with severe asthma in Greater London. He is also deeply committed to undergraduate and postgraduate medical education. He currently sits on the Royal College of Physicians Specialist Advisory Committee on Allergy. He is also Training Programme Director for Allergy in the London Deanery and is or has been educational supervisor to 9 Allergy SpRs, 10 PhD students and hundreds of medical undergraduates.



Dr Roy Dookun

Roy is a General Dental Practitioner with a special interest in the Dental management of snoring and obstructive sleep apnoea. He co founded the British Society of Dental Sleep Medicine (BSDSM), is a board member of the European Academy of Sleep Medicine and is co author of the BSDSM Snoring Pre treatment Screening Protocol which has been accepted by Dental Protection (UK) Ltd and the Dental Defense Union. Roy works as part of a multi disciplinary team in Guernsey treating snoring and apnoeic patients with dental appliances. He has attained 'expert' level EADSM accreditation and is the author of the Standards of Care Document for Mandibular Repositioning Devices which has been adopted by the Association for Respiratory Technology and Physiology. Roy is also actively involved in training GDPs and lecturing in Dental Sleep Medicine both in the U.K and abroad.



Dr Konstantinos Farsalinos

Dr Konstantinos Farsalinos is a cardiologist, working as researcher at Onassis Cardiac Surgery Center in Athens-Greece and at Medical Imaging Research Center, University Hospital Gathuisberg in Leuven-Belgium. His main research interests are new modalities in cardiovascular imaging and he has received a scholarship from the Greek Society of Cardiology for research and education in this field. He has studied the effects of smoking on subclinical cardiac dysfunction using new imaging techniques since 2010.

He has been actively performing research on electronic cigarettes since 2011 as a principle investigator, in both clinical and laboratory level. Examples of his work include the first study on the cytotoxic effects of electronic cigarette vapor on cultured cells and the immediate effects of electronic cigarettes used on cardiac function and coronary circulation. Additionally, he has performed a worldwide online survey of almost 20,000 vapers, with results expected later this year. He has presented his research in major international scientific congresses and has published his work in medical journals.



Dr Jonathan Fuld

Jonathan Fuld is a consultant in acute and respiratory medicine at Addenbrookes hospital. His clinical interests are COPD, exercise physiology and dysfunctional breathing. He is active in research relating to COPD care, pulmonary rehabilitation and resuscitation decision making. He does not have interesting hobbies and will read other's biographies with a sense of inadequacy.

Speaker Biographies



Dr James Hull

Dr James Hull is Consultant Respiratory Physician at the Royal Brompton Hospital with a specialist interest in severe asthma, cough and unexplained breathlessness.

He spent his undergraduate degree working with cardiopulmonary exercise testing (CPET) with Professor Brian Whipp and spent time following his respiratory training at UCLA, developing clinical diagnostic skills with CPET. He now utilises CPET testing as a key modality in an unexplained dyspnoea service and is particularly focussed on dysfunctional breathing and upper airway closure.



Mr Andrew Morley

Andrew Morley is the lead Sleep Physiologist at the Royal Hospital for Children (Glasgow). Having graduated from Glasgow University in 1997 he has gone on to work in field of sleep medicine over the last fifteen years. He has experience in both Clinical and Research settings which has included working at the University of Auckland. He is currently a member of the British Sleep Society executive committee and active member of the Association for Respiratory Technology and Physiology.



Mr Matthew Oluwole

Mr Matthew Oluwole specialises in Nose and Sinus Medicine and Surgery. He is one of the region's leading specialists in the subspecialty of Nasal Diseases and Snoring.

Born in North London, he studied at University College, Ibadan, where he qualified as a doctor in 1983. He undertook his ENT training in South Wales, Dundee, and Birmingham before embarking on sub-specialty training in sinus surgery in the US and Germany. In 1998 he attended a world acclaimed sinus surgery course in New York. Subsequently, in 1999 he undertook a short Fellowship in Germany under Professor Wolfgang Draff, one of the world's leading Endoscopic (keyhole) Sinus surgeons.

He took up a Consultant post at the Memorial Hospital Darlington in 2000 and worked there for 4 years before moving south to commence work in Birmingham at the City Hospital (Formerly - Dudley Road Hospital) and Sandwell General Hospital, West Bromwich in 2004. While widely trained in the diagnosis and treatment of the whole spectrum of Ear, Nose and Throat problems, he majors in Sinus disease and advanced keyhole Sinus surgery, including Nasal disease and Snoring.

In addition to his extensive ENT experience he has also been trained in surgery of the tear ducts, management of nose bleeds (epistaxis) and functional cosmetic surgery of the nose.

Other ENT surgeons frequently refer to Mr. Oluwole, patients with snoring, nasal and intractable sinus problems. These include facial and forehead pain, nasal obstruction & discharge, "catarrh"

He is actively involved in the training of medical students other doctors and surgeons; and teaches on Sinus surgery courses both locally and abroad.



David Parr

David Parr is Clinical Director for the Cardio-Respiratory Division and Consultant Respiratory Physician at University Hospital Coventry. He trained at Cambridge, London and Birmingham Universities. His clinical interests include COPD and α -antitrypsin deficiency, pulmonary vascular disease and interstitial lung disease, and his research interest is in quantitative imaging of chronic lung diseases.



Melanie Perry

Melanie's career within the NHS spans twenty six years, nursing within Secondary, Community and Primary Care settings, gaining the skills and patient experience that enable her to perform within her role of Secondary Care Specialist so successfully.

She joined Leicester City's Stop smoking service in 2008; since then referrals from the acute trust increased from 30 per quarter to 750 during 2012. They have since declined, which is a national trend, thereby forcing a review of the recruitment and management of secondary care patients to include a harm reduction approach which includes a discussion of electronic cigarette use. Her approach to working within secondary care is about 'hearts and minds', engaging and inspiring others to make a difference.

Melanie has contributed to the CQUIN and QIPP agenda, and participated in the launch of the Secondary Care Guidance in 2008. She and a colleague from the British Thoracic Society created a training film in 2015 to teach healthcare staff how to offer brief advice on smoking.



Renata Riha

Renata Riha has been a Consultant in Sleep and Respiratory Medicine at the Royal Infirmary of Edinburgh since 2004, and completed her MD at the Department of Sleep Medicine with Professor Sir Neil Douglas.

She is an Honorary Reader at the University of Edinburgh.

She qualified in medicine at the University of Queensland and completed her specialist training in respiratory and sleep medicine in Australia. She is a Fellow of the Royal Australasian College of Physicians and a Fellow of the Royal College of Physicians in Edinburgh.

Apart from her heavy clinical workload and research interests, Renata has previously been a member of the British Thoracic Society (BTS) Education and Training Committee and continues informally as a member of the BTS Sleep advisory group.

Currently, she is a member of the Harmonised Education in Respiratory Medicine for European Specialists (HERMES) taskforce in sleep medicine for the European Respiratory Society (ERS), Chair of Assembly 4.2 and a member of the Scientific Committee of the European Sleep Research Society (ESRS).

She is also involved with the ERS/ESRS working group in sleep education and exam standard setting for Europe.

Renata is an Editorial Board Member of the journal SLEEP and an associate editor of the Journal of Sleep Research.

4th Anniversary
1976 - 2016

Speaker Biographies



Mr. Bruno Sgromo

Mr. Bruno Sgromo is the Lead Consultant Bariatric Surgeon at the Oxford University Hospitals, Oxford, UK. He earned his MD in Italy in 1998 and completed general and laparoscopic surgery training in Italy and in the Netherlands. Prior to his posting in Oxford, he served as a Senior Surgical Fellow at the Ninewells Hospital in Dundee, Scotland, with concentration in advanced laparoscopic surgery of the stomach and oesophagus.

He joined the Upper Gastrointestinal Unit of Oxford in 2007 as senior clinical fellow and then was appointed as Consultant Surgeon in 2009.

Mr. Sgromo has been performing weight loss surgery since 2004, with focus on gastric bypass and revisional bariatric surgery in collaboration with Mr. Shaw Somers, one of the leading bariatric surgeons in the UK. He specialized in laparoscopic gastric band, gastric by-pass, sleeve gastrectomy and revisional bariatric surgery as a part of his higher surgical training. To date, Mr. Sgromo has performed over 200 key hole surgeries for weight loss.

Despite working on a very high risk patient group, he has achieved a zero mortality rate and anastomotic leak rate well below the national average.

Mr. Sgromo's research interests lie in the changes of stomach hormones and their effect on dumping syndrome post gastric by-pass. He has produced several publications in the field of laparoscopic and upper GI surgery and regularly attends the British Obesity and Metabolic Surgery Society (BOMSS), the International Federation for the Surgery of Obesity (IFSO) and the American Society of Metabolic and Bariatric Surgery (ASMBS).



Dr Simler

Dr Simler graduated from Manchester University in 1993 and undertook her MD investigating the effect of rapamycin in the rat model of Idiopathic Pulmonary Fibrosis with Professor Egan. She then did her SpR training in London, which involved working with Professors Du Bois and Wells at the Royal Brompton Hospital. Dr Simler took up a consultant post at Hinchingsbrooke and Papworth Hospitals in 2006 where she set up the regional ILD service.



Prof Anita Simonds

Prof Anita Simonds is Consultant in Respiratory & Sleep Medicine at Royal Brompton & Harefield NHS Foundation Trust, London. She is Clinical Lead for the Sleep, NIV and the Home ventilation service. She is Chief editor of ERJ Open Research, has edited the new ERS Practical Handbook of Non-invasive ventilation, and ERS Handbook of Respiratory Sleep Medicine. Prof Simonds has research interests in ventilatory support in adults and children, sleep disorders, pandemics, and ethics.



Dr Ian Smith

Dr Ian Smith is a chest physician specialising in ventilatory failure and sleep medicine with expertise in weaning, domiciliary ventilation, sleep apnoea and non-respiratory sleep disorders including narcolepsy and parasomnias. He is the Director of Papworth Hospital's Respiratory Support and Sleep Centre (RSSC), the largest sleep centre in the UK and the first accredited by the European and British Sleep Societies. He co-founded the regional MND care network. He holds a general respiratory clinic at Addenbrookes hospital.

He is Deputy Medical Director leading on Research and Development and has secured new funding and established a number of dedicated research posts at Papworth. In his own research Dr Smith has supervised candidates to higher degrees and contributed to a number of successful grant applications. He has supported colleagues across the UK as an independent chair / member of research study committees. He is a member of the ERS workforce on therapies for OSA and chair of the BTS Specialist Advisory Group for sleep apnoea and has recently co-authored the BTS position statement on driving and sleep apnoea.

Dr Smith is an Associate Lecturer to the University of Cambridge and has held a number of key educational posts including Programme Director for respiratory medicine in East Anglia, Attachment Director for respiratory and cardiology undergraduate training and Clinical Tutor for the Royal College of Physicians. As Clinical Director of Thoracic Services he oversaw expansion in each of the subspecialties, establishment of the Interstitial Lung Disease Service and appointment of the first University Lecturer at Papworth.



Dr Colin Wallis

Colin Wallis is a consultant paediatrician in respiratory medicine at Great Ormond Street Hospital for Children NHS Trust. He received his undergraduate training at the University of Cape Town and after completing an MD degree joined the paediatric registrar rotation at the Red Cross Children's Hospital in Cape Town. After additional jobs in the UK, and further experience in Canada he joined the respiratory team at GOS in 1993.

Dr Wallis has a specific interest in the care and management of children with chronic lung disease in particular cystic fibrosis and the child with long term ventilatory needs and is the respiratory representative on the GOSH NSCAG tracheal service. He is chairman of a UK working party looking at the needs of the chronically ventilated child and was awarded an NHS Health Technology Assessment grant to review the current status of paediatric long-term ventilation in the UK. He has also been awarded funding to evaluate the early changes in CF lung disease from the CF trust together with researchers at the Institute of Child Health.

Dr Wallis is an examiner for the Royal College of Paediatrics and Child Health and past president of the British Pediatric Respiratory Society. He has published over 75 articles in peer review journals and is the author of several chapters in leading paediatric respiratory texts.



Dr Roland Wensel

Dr Wensel is a Consultant Cardiologist at Watford General Hospital and Imperial College Healthcare NHS Trust and Honorary Senior Lecturer at the National Heart & Lung Institute, Imperial College, London.

He is leading the cardiopulmonary exercise test (CPET) lab at St. Mary's Hospital.

Dr Wensel graduated from the Medical School (Charité) of Humboldt-University Berlin in 1996. He did his MD on pulmonary vasoregulation in chronic heart failure at the Charité in 1998 and did a PhD on exercise physiology in chronic heart failure at Imperial College in 2004.

He performs research involving CPET in patients with a variety of chronic cardiac and pulmonary conditions.

Workshops at ARTP Conference 2016

Workshop 1

Thursday: 13:00-14:00

Tidal breathing analysis in body plethysmography – clinical interpretation of breathing loop

Presented by: **Hans-Juergen Smith**

Sponsored by: **CareFusion**

This session will cover the application of body plethysmography in non- or less cooperative patients like children, elderly or severe diseased and aims to show improvement of conventional clinical interpretation of body plethysmography, based on airways resistance and absolute lung volumes.

Workshop 2

Thursday: 13:00-14:00

Professional Examinations

Presented by: **Sandra Davies and Edward Parkes**

Sponsored by: **ARTP**

This sessions aims to highlight the new professional examinations and assessors update. It will outline the professional competency qualifications available for practitioners and give an overview of the assessment process and assessors commitment.

The session will include explanation of the Associate and Practitioner examination; the IRCP portfolio; assessor update and a Q&A session.

Workshop 3

Thursday: 17:30 – 18:30

Resistance-Volume Chart (R-V Chart) for simplified clinical interpretation of body plethysmography

Presented by: **Hans-Juergen Smith**

Sponsored by: **CareFusion**

This session will take a look at the first clinical oriented report in body plethysmography. The R-V Chart summarises important clinical parameters including their predicted ranges and simplifies interpretation and the first time visual diagnostics become possible.

The session aims to show attendees how to differentiate and interpret pulmonary obstruction based on its static and dynamic components as well as hysteresis.

It will include examples of characteristic reports and demonstrations.

Workshop 4

Friday: 13:30 - 14:30

Autoscoring sleep studies – friend or foe?

Presented by: **Anwen Evans**

Sponsored by: **Philips Respironics**

The session aims to allow attendees to appreciate the impact different scoring criteria and inter-scorer variability has on diagnostic results and outcomes. It will also determine the reliability and validity of an automated system.

The sessions will discuss how adopting technology can complement skills, aid efficiency and minimise variability without loss of quality or control and will include sharing & discussion of scoring methods, trials and results.

Workshop 5

Friday: 13:30 - 14:30

A View to Making Change – Getting tomorrow's patient pathway ready today

Presented by: **Amy Dickinson, Senior Sleep Physiologist & David Jones, Sleep Service Manager at University Hospital of South Manchester NHS Foundation Trust**

Sponsored by: **ResMed**

This session will demonstrate how the use of remote telemonitoring can be used to treat sleep patients more effectively and improve patient care. It aims to present case studies and real-life examples of how you can change your current sleep patient pathway using remote monitoring. The sessions will include an interactive Q&A session using voting buttons.

Workshop 6

Friday: 13:30 - 14:30

Using the e-portfolio system – Practical session

Presented by: **Vicky Moore and Rhys Jeffries**

Sponsored by: **ARTP**

This session will allow participants to view the e-portfolio system and test it out enabling them to gain a better understanding on how to use it for ARTP Qualifications.

This is a practical session with hands on experience so please bring own laptop/tablet/smart phone in order to access the system.

ARTP 40th Anniversary Conference

All sessions are held in the Woburn Suite with exception of sessions highlighted in blue which are held in Tempus Restaurant and those highlighted in green held in Virginia Woolf suite

Thursday 14th January 2016

08:15	Registration Opens		
08:30	Exhibition Open with refreshments		
08.30-09.30	Masterclass – Held in Woburn Suite TLNO- Liam O'Reilly	Junior Session – Held in Virginia Woolf Blood Gas Interpretation - Julie Lloyd and Trefor Watts	
09.30-09:45	Refreshments		
09:45-10.00	Welcome & Introduction		
10:00-11.00	Plenary Session - Extreme Physiology Chair: Dr Adrian Kendrick Training For and Living in Space Helen Sharman		
11:00-11:30	Refreshments		
11:30-12:45	E-Cigarettes and Smoking Chairs: Kelly Pauley and Claire Stacey	Paediatric Simultaneous Session Chairs: Kylie Russo and Laurie Smith	
11.30	Are E-Cigarettes safe for Users and Bystanders?' Dr Konstantinos Farselinos Onassis Cardiac Surgery Centre, Athens, Greece	11:30	Respiratory Care of Paediatric Neuromuscular Patients Dr Colin Wallis, London
12.00	Should E-Cigarettes be utilised in a smoking cessation service?' Melanie Parry Leicestershire Partnership NHS Trust	12:00	The transition to adult care of the NIV patient Professor Anita Simmonds, London
12:30	Open debate	12:30	Interesting/Difficult Paediatric NIV Cases Andrew Morley
12:45-14:00	Lunch		
13:00-14:00	Directed Poster Viewing - Dr Jane Kirkby and Dr Andrew Robson		
13:00-14:00	Lunchtime workshops		
14.15-15.15	PK Morgan Memorial Lecture Chair: Dr Karl Sylvester Forty Years of Respiratory Physiology Professor Mike Hughes		
15.15 - 16.00	AGM		
16.00-16.30	Refreshments		
16:30-17:30	Oral Poster Presentations - Dr Jane Kirkby and Dr Andrew Robson		
16:30	Poster 1: Audit & Review Of Patients Currently Under The Respiratory Investigation Department For Nocturnal Hypoxia, On Nocturnal Oxygen Therapy - Alison Butler		
16:45	Poster 2: Case study: Tracheal stenosis – Rosie Fillingham		
17:00	Poster 3: Providing Obstructive Sleep Apnoea (OSA) Diagnostics And CPAP Support For Patients In Prison – Michelle Goodlad		
17:15	Poster 4: The Impact Of Gas Analysis Technique On The Measurement Of Single Breath Gas Transfer (TLCO) – Natalie O'Reilly		
17:30-18:30	Lunchtime workshops		
19:30	1970s Games Night and Buffet – Fancy Dress Optional		

All sessions are held in the Woburn Suite with exception of sessions highlighted in blue which are held in Tempus Restaurant and those highlighted in green held in Virginia Woolf suite

Friday 15th January 2016

08:15	Registration Opens		
08:30	Exhibition Open with refreshments		
08.30-9.30	Masterclass – Held in Woburn Suite Imaging Dr Iara Sequeiros, Bristol	Junior Session – Held in Virginia Woolf Lung Function Interpretation Paul Burns, Duncan MacFarlane & Joanna Shakespeare	
09.30-10.00	Refreshments		
10:00-11:30	Alternatives to Positive Airway Pressure Chair: Alan Moore	The Heart and Lungs of Cardio-Pulmonary Exercise Chairs: Ian Cliff and Chris Jones	
10:00	Bariatric Surgery Mr Bruno Sgromo, Oxford	Dysfunctional Breathing Dr Jim Hull, Middlesex	
10:30	ENT and Snoring Mr Matthew Oluwole, Birmingham	Cardiovascular Limitations Dr Roland Wensel, Watford	
11:00	Dental Perspective Dr Roy Dookun, Guernsey	Dynamic Hyperinflation Dr Jonathan Fuld, Cambridge	
11:30-12:15	Refreshments		
12:15-13:15	Keynote Lecture Chair: Dr Brendan Cooper Sleep Apnoea: Past, Present and Future Dr. Renata Riha, Edinburgh		
13:15-14:30	Lunch		
13:45-14:30	Directed Poster Viewing		
13:30-14:30	Lunchtime Workshops		
14:30-16.00	Adaptive Servo Ventilation (ASV) Chair: Dr Adrian Kendrick	14:30-16:00	Pharmacology of Lung Disease Chairs: Joanna Shakespeare & Julie Lloyd
14:30	Introduction to ASV and other intelligent modes of ventilation Professor Anita Simmonds, London	14:30	Interstitial Lung Disease Dr Nicky Simler, Huntingdon
14:45	Respiratory aspects of ASV and intelligent modes of ventilation Professor Anita Simmonds, London	15:00	Asthma Dr Chris Corrigan, London
15:15	Cardiological Aspects of ASV Dr Thomas Bitter, Germany	15:30	COPD Dr David Parr, Coventry
15:45	Discussion		
16.00-16.15	Refreshments		
16.15-17.00	Circadian Rhythm Disorders, Can We Synchronise Watches? Dr Ian Smith, Papworth Chair: Dr Victoria Cooper		
19:00	Masquerade Gala Dinner – Black Tie Drinks from 19:00 with dinner at 19:30		

Exhibitors' Profiles



Distributed by:

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Advanced Medical Equipment Ltd

Advanced Medical Equipment Ltd is a Distributor of Medical Equipment in the Neurology, Neurophysiology, Sleep Diagnostics – including Cardiology and Respiratory Diagnostic, and Neuroscience Research.

We also provide Supplies and Consumables for this Equipment (electrodes, electro-gel, electrode caps, etc) as well as Maintenance Services.



Baywater Healthcare

Baywater Healthcare is a specialist provider of healthcare services to patients with long term conditions, delivering high-quality, cost-effective solutions with care closer to home.

Working exclusively in the health sector, our experienced team provides in-home services for: oxygen, nebuliser and ventilation therapies, CPAP treatment/adherence management, sleep diagnostics and long term condition management through telehealth solutions. Our services help to reduce hospitalisations and other secondary effects.

Our aim is to support patients in their therapy and encourage long term compliance to improve health outcomes.

We offer 24/7 support, first line triage and training at home, alongside advice/support from specialist nurse advisers.



BIRDHealthcare

Bird Healthcare Pty Ltd

Bird Healthcare creates unique medical devices for various markets and applications spanning from Respiratory and sleep medicine, pharmaceutical, Asthma and special product market customers.

Over the past decades Bird Healthcare has developed several internationally patented products that have become the gold standard in many countries. This growth in operations has allowed Bird healthcare to successfully reverse the trend of increased cost to quality ratio.

Traditionally an Australian Company, our recent European expansion has seen the range launched in France and it is with pleasure that we now present and launch these devices for the first time in the UK at the 2015 ARTP Blackpool meeting. We look forward to a long and mutually beneficial partnership of Growth with the UK ARTP community in the years to come.

Bird Healthcare

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Web: birdhealthcare.com
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British Lung Foundation

The British Lung Foundation is the only UK charity fighting to help the 1 in 5 people in the UK affected by lung disease, by researching new treatments, campaigning for better awareness and services, and providing support and advice for patients, carers and family members. For further information, please visit www.blf.org.uk. For help and support, call the BLF Helpline on 03000 030 555. To donate £5 to help the BLF fight lung disease, please text LUNGS to 70500.

Follow us on

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or join us on Facebook at

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[britishlungfoundation](http://www.facebook.com/britishlungfoundation)



British Sleep Society

UK Multidisciplinary Sleep Professionals

The British Sleep Society (BSS) is a professional organisation for medical, scientific and healthcare workers caring for and studying sleep and its disorders. We are a registered British charity and our ultimate aim is to improve public health by promoting education and research into sleep and its disorders.

2016 sees the International Sleep Medicine Course brought to the UK. This comprehensive course covers all aspects of sleep medicine, with an international faculty of experts, and is a joint venture of the UK, Belgian and Dutch national sleep societies. Course content is based on the syllabus of the ESRS Somnologist and Somnologist-Technologist exams, making this an excellent opportunity whether you are new to the field or preparing to take the exam.

Registration is now open, with reduced rates for BSS members.

For further information on meetings and membership, please visit our website: www.sleepsociety.org.uk

Tel: 01543 442 156
admin@sleepsociety.org.uk
events@sleepsociety.org.uk

Exhibitors' Profiles



CareFusion

At CareFusion, we are united in our vision to improve the safety and lower the cost of healthcare for generations to come. We are passionate about healthcare and helping those that deliver it.

A diverse organisation with more than 500 professionals from around the world, CareFusion Respiratory Diagnostics is a dedicated and passionate business focused on manufacturing high quality advanced diagnostic instruments and connectivity solutions throughout our complete product portfolio for spirometry, pulmonary function and cardiopulmonary exercise testing. This includes our Jaeger® Masterscreen and Vyntus PFT and CPET systems (powered by our SentrySuite® software) and Micro Medical spirometers.

With a team of 15 individuals with over 75 years combined experience, dedicated to the UK Respiratory Diagnostics division, we are focused on providing best in class service for Customer Care, Sales, Technical, IT and Clinical Support for our customers throughout the respiratory, sports medicine, research and other medical communities.

For more information please visit us on stand 5 and 6, where we will be more than willing to answer any questions or queries, that you may have.

CareFusion 236 and 232
(Micro Medical) UK Ltd

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uk-respiratory-sales@carefusion.com

Web: www.carefusion.co.uk/medical-products/respiratory/cardio-pulmonary-diagnostics



DeVilbiss Healthcare Ltd

At DeVilbiss Healthcare, we are passionate about improving the lives of those suffering with respiratory problems. We manufacture and supply a range of respiratory devices, designed to treat and diagnose patients with COPD, asthma and sleep disorders.

We offer a diverse portfolio in sleep therapy products, from sleep diagnostics and therapy through to patient CPAP compliance and monitoring. Find out more about these products at Stand 22 and ask us for a demonstration! We look forward to meeting you.

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Dolby Vivisol

"Working Together to Improve Lives by Inspiring Excellence in Healthcare" is at the core of what we do at Dolby Vivisol. The company focuses on continually improving its services, with the aim being to offer the NHS efficient, but sustainable, solutions.

We constantly look to adopt innovation and improve our products and services through extensive research and engaging with Healthcare Professionals and patients.

Dolby Vivisol is a unique UK partner for Healthcare services specialising in respiratory care. We offer a range of services including home oxygen therapy; of which we currently hold three of the NHS regional contracts for providing this service to around 20,000 patients.

Dolby Vivisol also offers NIV services, diagnosis and treatment of sleep disordered breathing, aerosol and nebulizer therapy and bespoke services and solutions for patient therapy management.

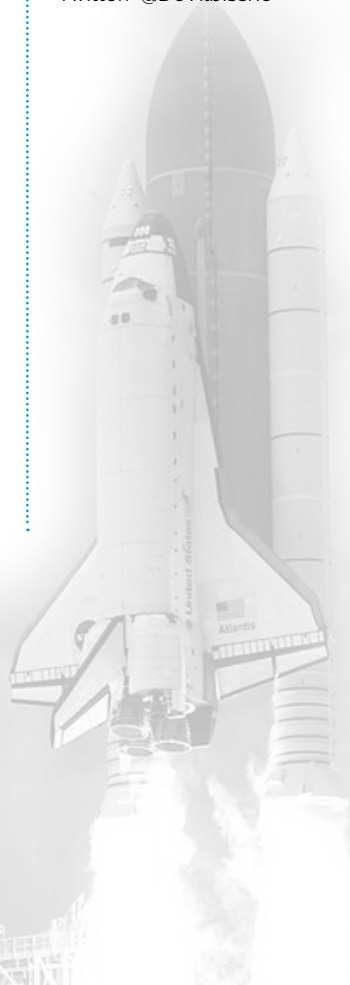
Dolby Vivisol has many years' experience throughout the UK and Europe, supporting research and innovation to provide benefits to our patients, from the flexibility built in to our systems to the adoption of new technology, we deliver a high quality of care.

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Fisher & Paykel HEALTHCARE

Fisher & Paykel Healthcare

Fisher & Paykel Healthcare is committed to supporting the NHS to achieve the DH mandate to reduce the number of early deaths, so that more people can enjoy a long and healthy old age.

Domain 1 – Preventing People from Dying Early:

Fisher & Paykel provide a comprehensive range of innovative humidified respiratory products supporting the provision of acute care for adults, children and infants which translates into efficient care delivery, reduced risk and improved patient outcomes

Domain 2 – Enhancing Quality of Life for People with Long Term Conditions:

Fisher & Paykel products promote early self-management bringing significant benefits to patients in the home environment, keeping the patient at the centre of their own healthcare

Domain 3 – Helping People Recover from Episodes of Ill Health:

Fisher & Paykel homecare products reduce the need and frequency of hospitalization to support patients at home for as long and as much as possible
Fisher & Paykel Healthcare

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Web: www.fphcare.com



GDS MedTech Ltd

GDS MedTech offer a number of new and innovative solutions for the diagnosis and treatment of snoring/ sleep apnea and oesophageal reflux.

The product range includes:

WatchPat: Sleep Study in your fingertip, utilising Peripheral Arterial Tone (PAT) technology to provide sleep and respiratory data.

ApneaGraph: Oesophageal pressure monitoring during sleep for identification of the site of obstruction.

NightShift: Patient body positioner for the treatment of supine snoring and mild/moderate sleep apnea.

AlaxoStent: Patient self-stenting for the maintenance of airway patency during sleep

ApneaGuard: Test system to determine the effectiveness of mandibular advancement therapy

ResTechPH: Ambulatory monitor enables accurate measurement of aerosolized PH and the ability to look at the upper airway symptoms e.g: chronic cough, recurrent laryngitis and sinusitis and identify if acidity is causing irritation and damage.

RezaBand UES Assist Device: A "first-of-its-kind", non-invasive, non-pharmacologic medical device that is externally worn around the neck and applies a slight external pressure at the cricoid cartilage and the otherwise leaky sphincter to prevent the reflux of stomach contents into the throat and airways

GDS MedTech Ltd

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www.gds-medtech.com



GVS Filter Technology

The GVS Group is one of the world's leading manufacturers of microfiltration devices. GVS Filter Technology produces a wide range of filters and components, including GVS innovative in-house filtration media development, covering many applications in medical air and liquid filtration, as well as for analytical, chemistry and life-science laboratory applications.

GVS Medical Air Filtration division provides a custom design and manufacture capability in addition to an already extensive proprietary range, offering HMEs, HMEFs, filters with efficiencies up to 99.99999%, designed for the removal of surgical smoke, and specific filters for use in oxygen concentrators, ventilators, CPAP machines, spirometry. We also manufacture Suction Filters, Insufflation Filters, Spirometry Filters, Vent Filters, and Homecare products.

Products are available bulk packed, individually packed clinically clean, and or individually sterile upon request.

For additional information, please visit
GVS Filter Technology UK
NFC House, Mellishaw Lane, Morecambe
Lancashire LA3 3EN

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www.gvs.com



ILD Interdisciplinary Network

We are a not-for-profit professional network dedicated to allied healthcare professionals who are working in the ILD field. We are the place where ILD professionals meet to share their knowledge and experience and our aim is to promote excellence in the delivery of patient care.

Our vision is to empower the ILD interdisciplinary team through education research and support in order to make a positive difference in the lives of patients with interstitial lung disease. With the advent of new anti fibrotic medications the landscape has changed and produced a need for further education and support.

The Network aims to become the gold standard of ILD practice through protocols, and by acting as a primary resource to healthcare professionals and the patients they serve. Our passion is to promote excellence through best practice for patients, this, we believe, will lead to improvements in care and outcomes for all.

We would be delighted to hear from interested health care practitioner's working in the field of ILD who are interested in joining the network

Web: www.ILD-INN.org.uk



Itamar Medical

Itamar Medical introduces Total Sleep Solution™. The solution is designed to expand the reach of sleep apnea diagnosis and therapy amongst populations of OSA comorbidity patients, predominantly cardiovascular diseases. The solution is based on Itamar Medical innovative WatchPAT™ home sleep testing device, enabling simple, accurate and fast sleep testing.



Intermedical (UK) Ltd

Intermedical Cardio-Respiratory is the specialist division of Intermedical set up to focus specifically on the respiratory sector of healthcare. We are specialists in spirometry, advanced lung function testing systems, portable devices for measuring FeNO, smoking cessation, 24hr ambulatory blood pressure monitors & sleep diagnostics as well as a unique solution for 6 minute walk tests. We are also a manufacturer and distributor of spirometry consumables for major brand diagnostic equipment.

On our stand at this year's event we are excited to launch the newly developed MIR Intermedical Spirolab desktop Spirometer. The spirometer, that features a 7 inch touch screen, has been developed especially for UK respiratory healthcare professionals.

We will also be showcasing the Resmon™ Pro FOT system as well as the ndd range, including the EasyOne Pro LAB portable TLCO system and Easyon-PC Spirometer. The world's smallest 12-channel sleep recorder called the Medibyte, will be on show together with our range of CPAP masks.

Intermedical (UK) Ltd
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Kent ME20 7JZ

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Intrapharm Laboratories

Intrapharm Laboratories is committed in providing well-known products with proven efficacy at the most affordable prices.

To date, Carbocisteine a well-known mucolytic, has only be available in two formats: capsules and liquid in a bottle. It's now available in a 10ml sachet form containing Carbocisteine 750mg. When taking the sachets the patient only requires 3 sachets per day compared to the usual 6 large capsules or 9 teaspoons of liquid. For those who have difficulty in swallowing capsules, the sachets provides a more user friendly presentation and ensures the patient is taking the correct dose each time.

Carbocisteine sachets are the most cost effective option available to the NHS as they are less expensive than the capsules and the bottle.

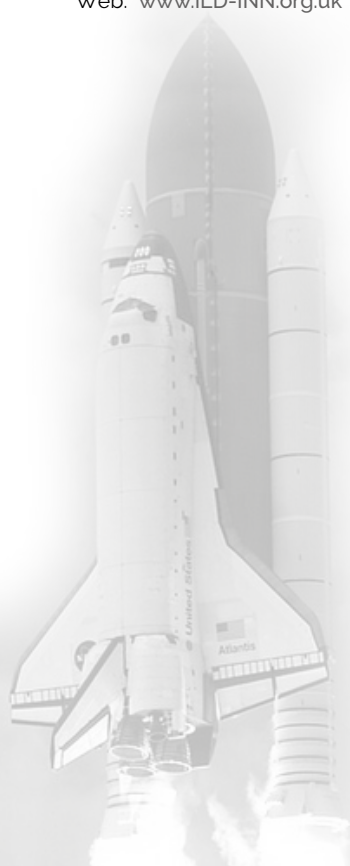


Intus Healthcare

For over 10 years Intus have specialised in Sleep Disordered Breathing / Obstructive Sleep Apnoea and CPAP therapy. We provide a wide range of patient support literature and cater to private-paying individuals in more than 40 countries across Europe. We also supply well over 150 NHS Trusts, Hospitals and Sleep Clinics in the UK with one of most diverse and unique product ranges available, derived from a host of manufacturers worldwide. We operate a comprehensive in-home sleep study service, have extensive educational and e-commerce websites for both the general public and trade buyers and offer prompt daily deliveries.

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Löwenstein Medical UK

Löwenstein Medical UK Ltd. is a UK subsidiary of Löwenstein Group and represents Heinen + Löwenstein products. Löwenstein Medical UK offer a full range of anaesthesia workstations, ICU-ventilators, sleep diagnostics and therapy devices, including high quality masks for the UK market.

Löwenstein Group acquired Weinmann GmbH in 2013, one of the 3 largest manufacturers of sleep therapy devices and masks in the world. We have a well-established sales infrastructure and a company strategy which constantly aims to benefit the user. We will continue to produce and sell high-quality state of the art medical devices and systems.

Please visit www.loewensteinmedical.uk



Medical Graphics UK Ltd

MGC Diagnostics have always been at the forefront of technology and their latest generation systems are no exception, the Ultima Cardio2 is the most comprehensive CPET system available today and the Real Time Diffusion developed for the complete PFT range provides a new level of accuracy and simplicity.

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We are displaying our latest products so please come along and talk to us about our current promotions and find out how you can join the growing number of labs choosing Medical Graphics UK Ltd.

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Web: www.medicalgraphicsuk.com



nSpire Health Ltd

nSpire Health is a global market leader, developer and manufacturer of technically innovative cardiopulmonary diagnostic equipment, along with respiratory care products and provides related services.

The HDpft Pulmonary Function test equipment products encompassing state-of-the-art hardware and software for measuring lung volumes, diffusing capacity.

As well as the high end capital equipment, nSpire also is the exclusive provider of PiKo® home lung health monitors, Pocket™ asthma care, KoKo® Legend II incorporating the new Quanjer GLI2012 equations, and KOKOpft spirometer Pocket Chamber spacer devices, filters and mouthpieces.

Come along and see the range of systems and talk to us about the technical and economical benefits of using nSpire Health

nSpire Health Ltd
Unit 10
Harforde Court
John Tate Road
Hertford
SG13 7NW

Tel: 01992 526300
Fax: 01992 526320
Website: www.nspirehealth.com



Philips Respironics

Philips Respironics, a global leader in the sleep and respiratory markets, is passionate about improving the quality of people's lives with solutions that are designed around the needs of clinicians and their patients. At the ARTP Annual Conference 2016, we are showcasing our new Dream Family sleep apnoea solution – comprising of the user-friendly DreamStation PAP platform, innovative DreamWear minimal contact nasal mask and interactive DreamMapper patient support application. Visit our stand to see how we can bring time and financial efficiencies to your service, whilst improving patient experience of care.

Tel: 0800 1300 840
Web: www.philips.co.uk/respironics
(Clinician)
www.philips.co.uk/sleep (Patient)



POWERbreathe

POWERbreathe offers drug free, evidence based, breathing rehabilitation and respiratory training products. Recognised as global leaders in breathing training technology developed by working closely with world leading Human Performance Scientists; Medical Practitioners; Electronic and Design Engineers, POWERbreathe have developed cutting edge products for professional and patient use.

POWERbreathe will be showcasing the electronic K-Series devices the World's 1st digital "Gold Standard" hand held respiratory muscle training (RMT/IMT), assessment and monitoring devices. The New KH2 device incl. Breathe-Link Medic s/w developed specifically for healthcare professionals will be available to demonstrate.

Also being presented, are the increasingly popular mechanical POWERbreathe Medic and Medic Plus (RMT/IMT) trainers, together with the NEW – POWERbreathe Shaker expiratory (PEP) mucus clearance devices incl. Shaker Classic; Shaker Deluxe; Shaker Medic; Shaker Medic Plus for respiratory care and breathing physiotherapy.

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Web: www.powerbreathe.com/



Radiometer Ltd

Radiometer is the world's leading provider of technologically advanced acute care solutions that simplify and automate all phases of acute care testing. Radiometer offers:

Blood gas analysis (ABL90 FLEX Plus - results in only 35 seconds from as little as 45µl blood sample)

HemoCue WBC 5-part DIFF (portable analyser providing lab quality results within minutes)

Transcutaneous monitoring - for nocturnal monitoring and exercise testing measuring a combination of tcpCO₂, tcpO₂, SpO₂ and Pulse.

By providing fast and accurate acute diagnostic results, healthcare professionals can make immediate and well-informed decisions enabling them to improve patient care and optimise patient flow.

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Web: www.radiometer.co.uk
www.acutecaretesting.org



ResMed UK

ResMed are a global leader in the development, manufacture, marketing and support of innovative medical products for the treatment and management of respiratory disorders and sleep disordered breathing.

We are dedicated to delivering the optimum care and promoting best practice in diagnostics and for patients requiring CPAP, invasive or non-invasive ventilation in both the home and hospital settings.

ResMed (UK) Ltd
96 Jubilee Avenue
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OX14 4RW

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Website: www.resmed.co.uk



S-Med Ltd

We at S-MED maintain our strong reputation in the sleep diagnostic market as supplier of the SOMNOmedics range of Sleep Diagnostic Equipment. The success of SOMNOmedics continues and we will again be showing the exciting new SOMNOtouch Respiratory, the ambulatory screener weighing in at an industry beating 58g with a large colour touch screen display.

The SOMNOmedics DOMINO Software has had some exciting new features added, stop by and take a look.

We will also be showing the latest version of PIMS, the Patient and Inventory Management System designed to record a patients flow through the Sleep Lab from initial assessment, diagnosis, therapy and equipment maintenance. PIMS also provides valuable Inventory management control.

With your continued support, S-MED continues to build upon its enviable service reputation.

S-Med Ltd
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Birmingham
B15 2LF

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Web: www.s-med.co.uk



Stowood Scientific Instruments Ltd

Stowood Scientific Instruments, based in Oxford, are the authors and suppliers of Visi-Download, which is the 'gold standard' software for downloading many manufacturers' oximeters and capnometers (including Masimo, Konica Minolta, Bitmos, GE (Ohmeda) Radiometer, BCI, SenTec, Nonin, Creative).

We make:

- The Visi outpatient sleep monitoring system
- Black Shadow and Black series sleep screeners
- OSLER-2 test, a behavioural alternative to the Multiple Wakefulness Test
- Visi-Download
- HOxAM database for managing oxygen in the home.
- We distribute:
- Konica Minolta wristwatch oximeters and accessories
- The new Embletta and Embla sleep systems, accessories and consumables
- Polywatch low-cost sleep monitor
- PVDF sensors for all sleep monitors
- Grass electrodes

Stowood's ethos is to prioritize customers' technical requirements over fast sales. We celebrated our 20th anniversary in September 2012 and are proud to be once again spending this, our 24th year, working with the UK's sleep experts.

Stowood Scientific Instruments Ltd
Royal Oak Cottage
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Web: www.stowood.com



Vitalograph

Visit our stand to take a look the extensive range of Vitalograph spirometers, respiratory monitors, screeners and the AIM inhaler trainer. Our latest devices include integrated NIBP, SaO2 and ECG, full networking and HL7 solutions options are available. We also provide respiratory consumables and filter packs for all major manufacturers' equipment.

Come and discuss the comprehensive Medisoft range of cardio-respiratory diagnostic equipment and peripherals, made available in the UK through Vitalograph. This complete range includes flow and volume based PFT systems, plethysmographs, full CPET systems, cycle and treadmill ergometers, FeNO and FOT airways resistance measurement devices. Full networking and HL7 solutions are also available.

As a UK company with a long and pioneering heritage of service in the respiratory field, and the largest field and office based service department in the industry, we have been a trusted cardio-respiratory partner to respiratory care professionals for over 50 years. We look forward to many more years of continued service and to welcoming you to our stand.

Vitalograph Ltd
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Website: www.vitalograph.co.uk

Poster and Spoken Presentations

	Name Of Principle Author	Abstract Title
1	Alan Bell	LCI as an Endpoint in COPD: Comparison With Healthy Controls, Using SF6 And Nitrogen Washout
2	Amy Taylor-Gonzalez	Does the Gender Age Physiology Index Predict the Risk of Mortality More Accurately than Composite Physiologic Index In Idiopathic Pulmonary Fibrosis? How The Analysis Can Be Affected By The Use Of Different Reference Values To Calculate The Lung Function Parameters In These Scores
3	Fatmata Saptieu Ayodele Mahdi	Predicting Morbidity in Paediatric Patients Post Spinal Surgery: Retrospective Cohort Study
4	Gavin Comber	Physiological Response to Exercise in an Adult Cystic Fibrosis Population: Investigating the Relationship Between HRR at Anaerobic Threshold and FEV1% Predicted
5	Gavin Comber	Relationship Between Desaturations During Six Minute Walk Test and Diffusing Capacity in an Interstitial Lung Disease Population
6	Geraldine Nolan	Is it Feasible for Respiratory Physiologists to Carry Out Inhaler Device Technique Checks in Asthma and COPD Patients?
7	Ian Smith	Extended Validation Of Emphasis-10 Quality-Of-Life Questionnaire
8	Izzie Lesser	Straighten Up and Fly Right – An Investigation into Hypoxic Challenge Testing and Providing Inflight Oxygen
9	James Stockley	Identification of Early Lung Disease In Alpha-1 Antitrypsin Deficiency and its Impact on Health Status
10	Natalie Williams	Idiopathic Chronic Cough; A Patient's Journey
11	Rasheda Choudhury	Early Detection Of Chronic Obstructive Pulmonary Disease In Primary Care
12	Rhea Fielding	The Relationship Between the Incremental Shuttle Walk Test and the Incremental Cycle Ergometry Test In Interstitial Pulmonary Fibrosis.
13	Alice Byrne	Pulse Oximetry In Sleep Diagnostics: A Comparison Between Devices At Either End Of The Cost Spectrum
14	Amy Hall	Non-Attendance At CPAP Follow Up Clinics For Patients With Obstructive Sleep Apnoea
15	Diane Clarke	An Audit Comparing Nocturnal Limited Polysomnography Automated Scoring to Physiologist Scoring
16	Dorothy Price	A Retrospective Observational Study of Continuous Positive Airway Pressure (CPAP) Compliance Rates
17	Harry Griffin	Can Intermittent Negative Airway Pressure Cause A Sustained Elevation In Ventilation?
18	Jennifer Furlong	Scoring Respiratory Sleep Studies For Obstructive Sleep Apnoea (OSA). A Comparison Study Between Automated Software And Clinical Physiologists
19	Kate Standeven	Does Borg Score, A Subjective Measure Of Breathlessness Relate To Objective Measures Of Lung Function And Functional Exercise Capacity; A Pilot Study
20	Richard Glover	A Retrospective Analysis of the Management of Moderate to Severe OSA Within a Local General NHS Hospital
21	Tom Grew	Does the Use of APAP Devices Provide A More Time Efficient And Cost Effective Therapy For The Treatment Of OSA Compared To The Conventional Fixed CPAP Device?
22	David Clough	Predicting Subjective Improvement In Daytime Sleepiness In Response To Continuous Positive Airway Pressure In Patients With Obstructive Sleep Apnoea Using Markers Of Sleep Fragmentation A Retrospective Cohort Study
Oral	Alison Butler	Predicting Subjective Improvement In Daytime Sleepiness In Response To Continuous Positive Airway Pressure In Patients With Obstructive Sleep Apnoea Using Markers Of Sleep Fragmentation A Retrospective Cohort Study
Oral	Rosie Fillingham	Case Study: Tracheal Stenosis
Oral	Michelle Goodlad	Providing Obstructive Sleep Apnoea (OSA) Diagnostics And CPAP Support For Patients In Prison
Oral	Natalie O'Reilly	The Impact Of Gas Analysis Technique On The Measurement Of Single Breath Gas Transfer (TLCO)

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