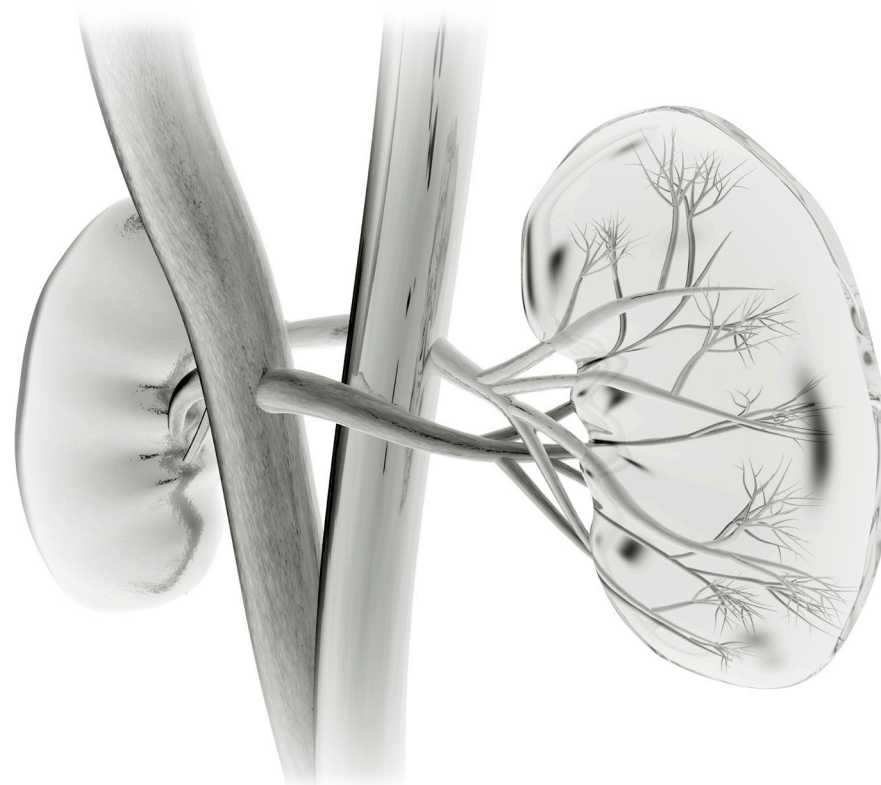


Annual Cross Border Renal Technical Meeting  
Friday 11th April 2014  
St. Vincent's University Hospital, Dublin

Annual Cross Border Renal Technical Meeting



# Programme

Friday 11th April 2014  
St. Vincent's University Hospital, Dublin

With thanks to our 2014 Sponsor:



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# Annual Cross Border Renal Technical Meeting Agenda

09:00 - 09:30

Registration Tea & Coffee

09:30 - 09:45

**Mr Paul Lowe & Mr Charlie Sharratt**

Joint Chairs Welcome delegates

**Professor Alan Watson**

Welcome SVUH and Opening Comments

**Ms Anne McDonagh**

Fresenius Medical Ireland

09:45 - 10:20

**Mr Chris Allbut** Fresenius Medical Care UK

“Water Treatment Business Development Project Manager”

10:20 – 10:40

**Ms Adrienne Shaw** Microbiological Results

10:40 – 11:00

**Anne McCahill**

“KDCPMS: Programme Of Work 2014”

11:00 – 11:20

**MORNING COFFEE**

11:20 - 11:40

**Dr Paddy McGowan** The Dam Buster

11:40 – 12:00

**Mr Mark Power** PIP Scandal and its impact on the Medical Device Directive

12:00 - 12:20

**Ms Meabh Smith CEng MIEI**

Business Continuity  
“Planning for the Unexpected”

12:20 - 12:40

**Mr Eugene Galvin** “Analysis of a Synthetic Dialysis Treatment Dataset using Data Mining Techniques to Predict Occurrence of Intra-dialytic Hypotension”

12:40 - 13:00

Questions

13:00 - 14:00

**LUNCH**

14:00 - 14:20

**Dr John Holian** WAK’y ways of dialysis

14:20 - 14:40

**Dr Paddy O’Connor** Nanotechnology

14:40 - 15:00

**Mr Colin Hendrick and Emma Colleran**  
Molecular Adsorbents Recirculation System (MARS)

15:00 - 15:20

**Dr Paddy O’Connor** Ammonia Breath Monitor

15:20 - 15:40

**Ms Emer Kenny** EDTNA/ERCA

15:40 - 16:00

**Mr Charlie Sharratt** Questions, Presentation of Paul Stuart Memorial Cup and Close

With thanks to our 2014 Sponsor:



Joint Chairs:  
Paul Lowe Beaumont Hospital Dublin.  
Charlie Sharratt Belfast City Hospital.

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# Cross Border Renal Technical Meeting Presenters Profiles

## Mr Paul Lowe CO-Chair



Paul is a graduate of DIT Kevin St College of Technology Dublin. In 1987 Paul took up the position of clinical engineering technician in the dialysis unit at Beaumont Hospital. In 2009 Paul was appointed Principal Clinical Engineering

Technician at Beaumont Hospital. His work involves service provision for Haemodialysis CRRT and Haemodialysis Water Treatment equipment. Paul has technical responsibility for the home haemodialysis program based at Beaumont Hospital. Paul Lowe with Charlie Sharratt from Belfast City Hospital are Joint Chairs of the Cross Border Renal Technical Group for 2011. Paul has several publications with the EDTNA/ERCA and BEAI

## Mr Charlie Sharratt CO-Chair



is Renal Technical Manager from Belfast City Hospital. Charles Sharratt has worked in dialysis for over 30 years at the Belfast City Hospital which is the main regional dialysis unit for Northern Ireland. He started his

career as an artificial kidney assistant in 1981 lining and preparing dialysis machines, and then progressed from being a Medical Physics Technician to his current position as Renal Technical Services Manager for the Belfast Health and Social Care Trust (BHSC). He manages all aspects of renal technology and associated equipment for the Belfast Trust.

He is also responsible for the renal equipment in the Royal Belfast Hospital for Sick Children. He has obtained an HNC in Electrical and Electronic Engineering and is also a graduate from Queens University of Belfast. He also was awarded a Masters degree from the University of Ulster.

## Professor Alan Watson

### Consultant Nephrologist Prof



Watson graduated from Trinity College Medical School in 1977. On completion of his medical training, he spent a year in Allegheny General Hospital, Pittsburgh, Pennsylvania, USA before joining the Department of Nephrology

at Johns Hopkins University Hospital, Baltimore, Maryland, USA. He joined the faculty of Johns Hopkins University in 1984 before becoming Director of Dialysis in 1986. He was appointed Consultant Physician / Nephrologist of St. Vincent's University Hospital, Meath/ Adelaide National Children's Hospitals, National Maternity Hospital, Holles Street in 1995. Prof Watson is a fellow of the Royal College of Physicians Ireland, The American College of Physicians and The American College of Clinical Pharmacology. He is Board certified in internal medicine, nephrology and clinical pharmacology and has obtained his MD from Trinity College, Dublin. Prof Watson has extensive research experience and has authored over 200 publications.

## Mr Chris Allbut



Guest Speaker Chris Fresenius Medical Care UK. In his role within Fresenius Chris is responsible for the Water Treatment division which includes the running of 57 Nephrocare Clinics water treatment plants. He has a vast knowledge of

Fresenius Water treatment products and is the Fluid Quality Responsible person for the UK. Previous to Fresenius Chris worked at The Royal Wolverhampton NHS Trust Hospitals as the Operational Manager for Medical Physics & Clinical Engineering for 25 years.

## Ms Anne McDonagh



Business Manager Fresenius Medical Care (Ireland) Ltd. Anne joined Fresenius Medical Care as Business Manager in February 2010. Anne is a Registered General Nurse who completed the ENB 136 Renal Nursing Course and BSc (Hons)

in Royal Free Hampstead, UK and has been working in Nephrology for over 20 years.

## Ms Anne McCahill



Anne McCahill is a Project Manager within the ICT Directorate, HSE. Anne has been project managing the National Kidney Disease Clinical Patient Management System (KDCPMS) Project since 2009. Her role includes

overall responsibility for the implementation of KDCPMS plus multiple Interfaces across all Renal Units. In Anne's prior role as ICT Officer for HSE Cavan/ Monaghan, she was Project Manager for the implementation of the CAWT Renal Project in Cavan, Sligo and Letterkenny Hospitals and was also the HSE ICT representative on the Cross- Border Renal Project Board for several years. Anne has a BSc Hons in Computing Science & Information Systems and is a graduate of the University Of Ulster.

## Dr Paddy McGowan PhD



Paddy is a graduate of Queens University Belfast; he is the Head of Clinical Engineering in Letterkenny General Hospital, Co Donegal. Paddy has over thirty years experience in Healthcare Engineering and is a leading member of the Biomedical

Engineering Association of Ireland (BEAI).

## Ms Adrienne Shaw



Adrienne Shaw (BSc Hons FIBMS CSci) graduated in Microbiology from the University of Bristol in 1982. Her first job, then as a Medical Laboratory Scientific Officer, was taken up in the same year and based in the

Bacteriology Department of the Belfast City Hospital. In 1987 she achieved Fellowship of the Institute of Biomedical Science and has been registered as a Chartered Scientist for 6 years. She continued working in clinical diagnostic microbiology, specialising in Cystic Fibrosis bacteriology for 7 years, until taking up her current post as Technical Manager of the Northern Ireland Public Health Laboratory, responsible for service delivery of food, water and environmental surveillance and enforcement microbiological testing to Local Authorities and the Food Standards Agency; hospitals and health officials in Northern Ireland and border counties. 2013 has seen introduction of new tests into the laboratory which service hospital departments.

## Ms Emma Colleran



Emma completed a BSc. in Nursing at DCU, She went on to focus her career in the Area of Renal Nursing, gaining much experience in a many areas with-in the Nephrology Department of Beaumont Hospital. After travelling for a couple of

years, Emma returned to Ireland in 2009 and undertook her current position as Clinical Nurse Advisor with Pinewood Healthcare. Her role entails providing education and clinical support to a multitude of Healthcare professionals in all aspects of Haemodialysis, CRRT and its associated therapies.



# Cross Border Renal Technical Meeting Presenters Profiles

## Dr John Holian Consultant Nephrologist



Dr Holian was appointed Consultant Nephrologist at St Vincent's University Hospital in Sept 2010. A Graduate of the Royal College of Surgeons, he trained in Dublin and Sydney. He was appointed fellow in renal transplantation at the Royal Free Hospital London 2008. Dr Holian was awarded a PhD from the University of Sydney in 2009 (investigating mechanisms of interstitial fibrosis in diabetic nephropathy). He was appointed consultant Nephrologist at Royal North Shore Hospital, Sydney and Royal Darwin Hospital also in 2009. His Area of interest are Diabetic nephropathy and renal transplantation; and CKD in indigenous populations.

## Meabh Smith BAI, MSc, CEng



Meabh is a Clinical Engineer who studied Microelectronics and Computer Engineering at Trinity College Dublin, and has an MSc in Physical Sciences in Medicine also from TCD. She also studied on an ERASMUS course in Biomedical Engineering in the University of Patras, Greece. Meabh is a long standing member of the Biomedical Engineering Association of Ireland (BEAI), and the current Chairperson, she is also a founder member of the Biomedical Engineering Division of Engineers Ireland, she is a member of the Medical Device Advisory Committee of the Irish Medicines Board. Meabh has worked in Clinical Engineering roles for over 20 years in areas from Dialysis to Endoscopy. In recent years, her work has focused on Business Continuity Planning in the hospital environment.

## Mr Mark Power



Mark joined B.Braun in 2008 as a Service Engineer within our dialysis business. I provide technical support for Dialog+ dialysis machines, Diapact CRRT machines, dialysis data management software, water treatment and central concentrate systems. Our Engineering team provide technical support to B.Braun Wellstone Renal Clinics and hospital customers in HSE South and HSE West.

## Mr Colin Hendrick



Colin is a graduate of Dublin Institute of Technology Kevin Street Dublin. He has a degree in electrical/electronic engineering. He is Technical Services Manager specializing in Renal Dialysis, Continuous Renal Replacement Therapy products and water treatment with Pinewood Healthcare. Colin has worked for Pinewood Healthcare for 17 years.

## Ms Emer Kenny



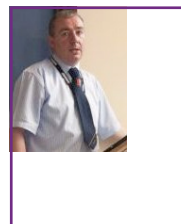
Emer graduated from the Meath Hospital, Dublin. She completed her Renal training at St Barthelme's Hospital London. Emer set up the CAPD programme in St Vincent's University Hospital in August 2002 and is a Peritoneal Dialysis Clinical Nurse Specialist. Her role encompasses Peritoneal Dialysis, Chronic Kidney Disease, post Transplant care. Previously involved with Irish Nephrology Nurses Association Emer is now the new Key Member for Ireland (Brand Ambassador) with the EDTNA/ERCA

## Dr Patrick O'Connor MB, BCH, BAO



(NUI), MRCPI. Paddy is a Lecturer in Medicine for University College Dublin (UCD) School of Medicine and Medical Sciences at St. Vincent's University Hospital. He Graduated from UCD's School of Medicine in 2007. He has three years experience as a Nephrology Registrar with a particular interest in Haemodialysis, and is now training towards a career in Intensive Care Medicine. He has a keen interest in technology.

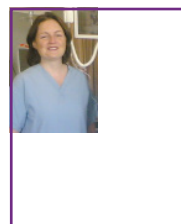
## ORGANISERS/COMMITTEE



## Mr Joseph Smyth

is the Technical Services Manager at Daisy Hill Hospital Newry Co Down. He has a BSc Hons in Clinical Physiology and is a graduate of the University Of Ulster.

## Ms Michelle McQuaid



Michelle qualified with a higher diploma in general nursing from Wolverhampton University Hospital (SVUH). She completed her basic renal training in Solihull Hospital West Midlands UK. Michelle joined the Renal Unit in St. Vincent's University Hospital in 2000. She received her Nursing degree through Royal College of Surgeons of Ireland/Beaumont Hospital School of Nursing in 2008 and her post grad dip in Renal Nursing in 2010. She is the Clinical Nurse Manager (CNM2 at SVUH).

## Mr Frank Kelly CEng, (MIEI)



is a graduate of DIT Kevin St. College of Technology, Dublin with a diploma in Physics and Electrical Science. He has an Honours Diploma in Renal Technology from City University London and an Honours Diploma in Education & Training from NUI Maynooth. Frank is Principal Clinical Engineer at St Vincent's University Hospital and is former EDTNA/ERCA Key Member for Ireland. He is a Chartered Engineer and member (MIEI) of Engineers Ireland. He is an Incorporated Engineer (IEng) with the Engineering Council UK and a member of the Institute for Healthcare Engineering and Estate Management (MIHEEM). He is Vice Chair of the Biomedical Engineering Association of Ireland (BEAI) and a member of the Association of Renal Technologists UK. A former area service manager with Fannin Ireland and has served over 30 years in Healthcare Engineering. Frank has several publications with the BEAI and the EDTNA/ERCA and has presented at International Conferences.

## Mr Derek Farrell



Derek is principal Clinical Engineering Technician at St. Vincent's University Hospital. He was a former service manager with Medivent Ltd and has a special interest in anaesthetics and ventilation. A member of the Medical Physics and Clinical Engineering Department for the past 15 years, he has several publications with the Biomedical Engineering Association of Ireland and the EDTNA/ERCA. Derek has over 25 year experience in Healthcare Engineering.