



VTE Dublin 2019

Diagnostic and therapeutic advances in venous thromboembolism (VTE)

Wed 25th-Friday 27th September 2019

Hogan Mezzanine Suite, Croke Park

&

Mater Misericordiae University Hospital

This conference has been approved for 17 credits from the RCPI

Opening Address: Mr Alan Sharp, CEO, Mater Misericordiae University Hospital

WEDNESDAY 25/09/2019

PARALLEL SESSIONS

MATER MISERICORDIAE UNIVERSITY HOSPITAL

1. Basic, Translational and Clinical Research in VTE

Co-ordinator: Dr Karl Ewins, Specialist Registrar (SPR) in haematology

2. Nursing issues in VTE

Co-ordinator: Ms Sarah Garvey, Advanced Nurse Practitioner, Emergency Medicine, Beaumont Hospital

3 The patient experience

Co-ordinator: Ms Annemarie O'Neill, Thrombosis Ireland patient organization

To include a "Meet the researcher" forum

4. Clinical laboratory issues in diagnosis of VTE and anticoagulation

Co-ordinators: Mr Paul Carlyle, Medical Laboratory Scientist, Coombe Women & Infants University Hospital and Ms Irene Regan, Chief Medical Scientist, Our Lady's Children's Hospital, Crumlin and President, Academy of Clinical Science & Laboratory Medicine

5. Ultrasound workshop

Co-ordinator: Dr Tomás Breslin, Consultant in Emergency Medicine, Mater Misericordiae University Hospital (MMUH)



WEDNESDAY 25/09/2019

5 RCPI cpd credits

Point of care ultrasound (POCUS) in VTE (Venous-thromboembolism)

This one day ultrasound workshop is aimed to educate all doctors who work in settings where they will encounter acutely unwell patients in their practice and thus is relevant to Anaesthetics, Cardiology, Nephrology, Infectious diseases, Respiratory, General Internal, Emergency, Acute, and Intensive Care Medicine, and basically anyone on call in hospital. You will be sent some pre-course learning material which will provide you with a basic understanding of the principles of point of care ultrasound including physics, 'knobology', and basic lung and heart views.

0830-0900 Registration/Coffee

0900-0930 Introduction/Knobology/Basic Parasternal cardiac views/cardiac models

0930-1000 Hands on Scanning – PLAX/PSAX – Pathology slides at stations

1000-1030 Hands on Scanning - Subcostal and IVC- Apical 4 chamber - Pathology slides at stations

1030-1045 Coffee

1045-1100 ECHO findings in Massive PE

1100-1130 Lung Overview talk (sliding A lines/B lines/diaphragm/consolidation)

1130-1200 Hands on Scanning Lung anterior A/B lines - Pathology slides at stations

1200-1230 Hands on Scanning Diaphragm - Pathology slides at stations

1230-1330 Lunch

1330-1345 DVT Scanning evidence

1345-1400 How I do a DVT scan

1400-1430 Hands on DVT Scanning – Pathology slides at stations

1430-1445 Ultrasound Appearance of alternative Pathologies in the leg

1445-1515 Hands on DVT Scanning – Pathology slides at stations

1515-1600 Putting it all together / Close



VTE Dublin 2019

Scientific Session

Catherine McCauley Education & Research Centre

Fintan Gunne Lecture Theatre
21 Nelson St, Phibsborough, Dublin 7

Wednesday, September 25th 2019
14:00-16:00

Welcome to the inaugural VTE Dublin Scientific Session!

Free to Attend



14:00 – Opening Address & Commencement of Session 1

Higher Rates of Death and Major Bleeding Highlight the Inequities that Exist for People with Venous Thromboembolism Who Experience Social Exclusion: Findings from a Prospective Registry of 79735 Patients (RIETE)

Karl Ewins^{1,4}, F Ni Ainle^{1,4}, C Ni Cheallaigh^{2,4}, E Dunlea^{1,4}, S Kelliher^{1,4}, E Imbalzano³, C Bortoluzzi³, I Jou³, JA Megido³, M del Carmen Díaz Pedroche³ and M Monreal³

¹Dept. of Haematology, Mater Misericordiae University Hospital, Dublin, Ireland, ²Dept. of Inclusion Medicine, St James's Hospital, Dublin, Ireland, ³RIETE Investigators and ⁴Irish Network for VTE Research (INVITE).

The OPTICA (OPTimised CTPA In Pregnancy) Study: A prospective trial assessing the quality and safety of an optimised CTPA protocol in pregnancy

Ciara D Gillespie^{1,2}, A Yates¹, K Ewins^{2,4}, M Hughes^{1,3}, S Foley³, F Ni Ainle^{2,4}, PJ MacMahon^{1,2}

¹Department of Radiology, Mater Misericordiae University Hospital, and UCD School of Medicine, Dublin, Ireland. ²Irish Network for VTE Research (INVITE), ³Department of Radiography, University College Dublin (UCD), Ireland, ⁴Department of Haematology, Mater Misericordiae University Hospital, and UCD School of Medicine, Dublin, Ireland, and ⁵Department of Physics, Saint James Hospital, Dublin, Ireland.

Audit of Practice in Relation to VTE Risk Assessment, Bleeding Risk Assessment and Appropriate Thromboprophylaxis at Our Lady's Hospital Navan

Ortenca Ranci, O Ali, O Dowling, S Kelliher, O Quinn, S Maung

VTE Working Group, Our Lady's Hospital (OLH), Navan, Co. Meath

Rates of venous thromboembolism assessment and appropriate pharmacological prophylaxis in a sample of medical, surgical and oncology patients pre and post introduction of a computerised alert and electronic prescribing system

Mairead T O'Donovan, L Shackleton, M Conroy, R Henderson, B Carr, K Ryan, NM O'Connell

National Coagulation Centre, St James's Hospital, Dublin 8

14:50-15:00 – Coffee Break



15:00-15:50 – Session 2

Chromogenic Factor X Assay: A Potential Solution to the Coagulation Monitoring Challenges in Patients with Antiphospholipid Syndrome

Roseann O'Doherty, A Lennon, F Ni Ainle

Dept. of Haematology, Mater Misericordiae University Hospital, Dublin, Ireland

Review of Clinical Utility of Age-adjusted D-dimer Assay

Sarah Kelliher, Sharon Pearce, Breda Melvin, Su Maung

Department of Haematology, Our Lady's Hospital, Navan (OLH Navan)

Rivaroxaban Reduces the Levels of Extracellular Vesicles in Patients with Venous Thromboembolism and Non-Valvular Atrial Fibrillation

^{1,2}Luisa Weiss, ^{1,2}P Szklanna, ^{2,3}K Egan, ⁴S Kelliher, ⁴T Prendiville, ⁴E Moran, ⁴G Petrov, ⁴Á Lennon, ⁵A Blanco, ^{3,6,7}S Murphy, ^{3,8}J Keaney, F ^{2,4}Ní Áinle, ^{1,2,9}P Maguire

¹School of Biomolecular and Biomedical Science, University College Dublin, Ireland; ²SPHERE research group, Conway Institute, University College Dublin, Dublin, Ireland; ³School of Medicine, University College Dublin, Dublin, Ireland; ⁴Department of Haematology, Mater Misericordiae University Hospital, Dublin, Ireland; ⁵Flow Cytometry Core, Conway Institute, University College Dublin, Ireland; ⁶School of Medicine, Royal College of Surgeons in Ireland, Dublin, Ireland; ⁷Department of Stroke Medicine, Mater Misericordiae University Hospital, Dublin, Ireland; ⁸Department of Cardiology, Mater Misericordiae University Hospital, Dublin, Ireland; and ⁹UCD Institute for Discovery, O'Brien Centre for Science, University College Dublin, Ireland

Management of Low-Risk Pulmonary Embolism at St James's Hospital – Is Outpatient-Based Treatment A Feasible Option?

¹Helen Fogarty, ²P Nadarajan, ³G McMahon, ¹V Graham, ⁴N Akasheh, ⁵H Schnittger, ⁶C Domsa, ¹M O'Donovan, ¹A O'Sullivan, ¹N O'Connell, ¹K Ryan, ¹B Kevane.

¹National Coagulation Centre, St James's Hospital, Dublin; ²Respiratory Medicine, St James's Hospital, Dublin;

³Emergency Medicine, St James's Hospital, Dublin; ⁴General Medicine, St James's Hospital, Dublin

⁵Medical Ambulatory Care Suite, St James's Hospital, Dublin; and ⁶Acute Medical Admissions Unit, St James's Hospital, Dublin

15:50-16:00 – Prize & Closing Address



VTE Dublin 2019

VTE NURSING PARALLEL SESSION 2019

Wednesday 25th September 2019

Catherine McAuley Education & Research Centre, Nelson Street, Dublin 7

0900 - Welcome

Ms Sarah Garvey, RANP Emergency Department, Beaumont Hospital, Dublin.

09:10 -09:30 - Nurse Led DVT Clinic - A UK perspective.

Ms Emma Gee - Nurse Consultant in Thrombosis & Coagulation, Kings College Hospital London.

09:30- 09:40 - Community Management of Low Risk PE.

Ms Rosemary C Lavery, VTE lead Nurse, Northern Ireland Haemophilia Comprehensive Care Centre & Thrombosis Unit, Belfast Health and Social Care Trust.

09:50- 10:10 - Current & Future roles of DOAC's.

Dr Barry Kevane - Consultant Haematologist, Mater Misericordiae University Hospital, Dublin.

10:10-10:30 Nurse Led Management of Atrial Fibrillation.

Ms Fiona Colbert, Cardiology RANP, Beaumont Hospital, Dublin.

10:30 -10:50 COFFEE

10:50-11:20 VTE in Pregnancy - Prevention, Risk Factors and Treatment.

Dr Fionnuala Ni Ainle, Consultant Haematologist Mater Misericordiae University Hospital & Rotunda Hospital. Clinical Lead in Thrombosis, Haemostasis & Maternal Haematology. Founding member of the MMUH Venous Thromboembolism working group •Audery O'Gorman -Staff Nurse in Haematology - Rotunda Hospital, Dublin

11:20-11:50 VTE in Pregnancy - A Case study.

Dr Kara Diffley - SHO, Beaumont Hospital, Dublin.

11:50-12:10 Imaging of Maternity related VTE: The Challenges & Controversies.

Dr Peter Mac Mahon, Consultant Radiologist, Mater Misericordiae. Clinical Director of Radiology Mater Misericordiae University Hospital, Dublin .UCD Associate Clinical Professor

12:10-12:30 The Patient Experience of the Pregnancy Related Thrombosis - A Qualitative study.

Ms Emma Gee - Nurse Consultant in Thrombosis & Coagulation, Kings College Hospital, London.

12:30-12:40 - QUESTIONS

12:40 13:40 - LUNCH

13:40-14:40- Using positive psychology approaches to influence change in the VTE arena.

Ms Lynda Bonner - Founder of the NNMN for VTE prevention. Nurse Consultant in Anti-coagulation at Kings College Hospital, London until 2014.

14:40-15:00 – Cancer Associated Thrombosis

Prof Simon Noble, Clinical Professor of Supportive and Palliative Medicine; Thematic Lead – Thrombosis. Trustee & Medical Director (Wales) for Lifeblood: the thrombosis charity. Member of the ISTH Cancer Scientific sub committee & worldwide GCP Cancer Associated Thrombosis Guidelines.

15:00-15:50 - Case study Masterclass

Ms Rosemary C Lavery. VTE Lead Nurse, Northern Ireland Haemophilia Comprehensive Care Centre & Thrombosis Unit, Belfast Health and Social Care Trust.

15:50 - 1600 – Close

CPD ACCREDITED

VTE Dublin 2019 Patient Session

Thrombosis Information & Support Meeting

WEDNESDAY 25th September 2019

8.30am – 1pm

Mater Hospital, Dublin

8.30am	Registration	
Time	Presentation	Speaker
9.00am	Welcome and introduction to Thrombosis Ireland Patient Support Charity.	Ann Marie O'Neill Patient & Founder of "Thrombosis Ireland"
9.10-9.30	"DVT & PE: What are Blood Clots, Why do they happen & how can we prevent them?"	Dr. Fionnuala Ni Ainle, Consultant Haematologist, Mater Misericordiae University Hospital and Rotunda Hospital
9.30-9.40	Questions & Answers	
9.40-10.00	Warfarin & The DOACs, "Know your Medication"	Stephane Jaglin, Clinical Pharmacist, NHS Bristol, UK.
10.00-10.10	Questions & Answers	
10.10 – 10.30	"Bleeding from blood thinners – relevance, prevention and management"	Jan Beyer-Westendorf Assistant Professor, Internal Medicine and Vascular Medicine, Dresden, Germany.
10.30-10.40	Questions & Answers	
10.40-11.00	Refreshments & Chat	
11.00-11.20	Patient Story	Christine R.G Ashimwe Patient & founder of Clot Rwanda.
11.20-11.40	"Recovery After a Blood Clot, Programme", Royal United Hospital, Bath	Chrissie Entwistle & Regitse Lewis, Clinical Specialist Physiotherapists.
11.40-11.50	Questions & Answers	
11.50-12.10	Diagnosis & Management of Antiphospholipid	Dr. Karen Breen, Consultant Haematologist, NHS UK
12.10-12.20	Questions & Answers	
12.20-12.40	Cancer Acquired Thrombosis (CAT)	Dr. Simon Noble, Professor in Supportive & Palliative Medicine, Cardiff, Wales.
12.40-12.50	Questions & Answers	
	Close of Session	



VTE Dublin 2019
Wednesday 25th September (9:30 am- 2pm)
Catherine McAuley Education and Research Centre, Mater Misericordiae University
Hospital, Dublin

<https://www.vtedublin.org>

Laboratory Session

Clinical laboratory issues in diagnosis of VTE and anticoagulation-FREE to attend,
book on Eventbrite as below.

Draft Programme; Key speakers as follows:

Opening by; Ms. Annemarie O'Neill, Thrombosis Ireland patient organisation

A review of the Anticoagulation Service in Naas General Hospital.

Ms. Maura Hyland, Clinical Nurse Specialist, Anticoagulation Clinic, Naas General Hospital.

Coagulation monitoring challenges in patients with antiphospholipid syndrome.

Ms. Áine Lennon, Senior/Deputy Chief Medical Scientist, Haematology, Mater Misericordiae University Hospital, Dublin.

Thrombophilia-related Case Studies.

Ms. Mairéad Doyle, Senior Medical Scientist, National Coagulation Laboratory, St. James's Hospital, Dublin.

Where is the International Standard for D-dimer?

Dr. Colin Longstaff, Principal Scientist, National Institute for Biological Standards and Control (NIBSC), Biotherapeutics Division, UK.

D-dimer Testing Tailored to Clinical Pretest Probability in Suspected Pulmonary Embolism: the PEGeD Study.

Dr Kerstin de Wit: Assistant Professor, Division of Emergency Medicine, Department of Medicine; Emergency Medicine and Thrombosis Physician, Hamilton Health Science, Ontario, Canada.

Questions and answers to the medical scientists and consultants involved in VTE diagnosis and management.

Patients are very welcome to attend.

Presentations are suitable for all healthcare professionals with an interest in VTE.

Level MSc, PhD, FRCPath, advanced practitioner, specialist training.

Event URL is <https://www.eventbrite.com/e/vte-conference-clinical-diagnostic-laboratory-session-tickets-69215883571>



THURSDAY 26/09/2019 Main Conference

6 RCPI cpd credits

08:30 OPENING ADDRESS: Prof Fionnuala Ní Áinle, Consultant Haematologist, MMUH/Rotunda Hospitals and Co-Director, UCD Conway SPHERE Research Group

09:00-09:30 Perspective: Point of Care Ultrasound in the diagnosis of VTE

Jacob Avila MD, RDMS, Ultrasound Director, Ultrasound Fellowship Director and Associate Professor, Department of Emergency Medicine, University of Kentucky, Lexington, Creator of the 5 Minute Sono Podcast/Website, Member of the Ultrasound Podcast and Ultrasound GEL podcast

SESSION 1: VTE Diagnosis and Treatment in Pregnancy

Chairs: Dr Jennifer Donnelly , Prof Brian Cleary & Prof Mary Higgins

09:30-10:00 Preventing VTE in Pregnancy: The “THROMBOCALC” Project

Mr Fergal O'Shaughnessy: PhD candidate, Rotunda Hospital Dublin and RCSI.

10:00-10:15 Patient story: PE during pregnancy

Niamh Rudden

10:15-10:45 Geneva CT-PE-Pregnancy Group: Diagnosis of Pulmonary Embolism During Pregnancy: A Multicenter Prospective Management Outcome Study

Prof Marc Righini: Division of Angiology & Hemostasis, Dept. of Medical Specialties and Faculty of Medicine, Geneva University Hospital, Geneva, Switzerland

10:45-11.15 Coffee

11.15-11.45 The DiPEP (Diagnosis of PE in Pregnancy) Study

Prof Beverley Hunt: Professor of Thrombosis and Haemostasis, King's College London; Director, Haemostasis Research Unit, Guy's and St Thomas's Hospital, London, Chair WTD International Steering Committee

11.45-12.15 Diagnostic Management of Suspected Pulmonary Embolism During Pregnancy According to the YEARS algorithm – The ARTEMIS study

Dr Liselotte van Der Pol, Dept of Haemostasis and Thrombosis, Leiden University, Netherlands

LUNCH: 12.15-13.30

SESSION 2: Pulmonary Embolism: Current Clinical and Scientific Challenges

Chairs: Dr Michelle Lavin & Prof Michael Watts



- 13:30-13:55 Risk-adapted strategies for management of PE
Dr Mareike Lankeit: Consultant Cardiologist Physician and clinician Scientist; Charité University Medicine, Berlin, Germany
- 13:55-14:20 The 2019 European Society of Cardiology Guidelines on the Diagnosis and Management of Pulmonary Embolism: What is new?
Dr Mareike Lankeit: Consultant Cardiologist Physician and clinician Scientist; Charité University Medicine, Berlin, Germany
- 14:20-14:45 The ELOPE (Prospective Evaluation of Long-term Outcomes After Pulmonary Embolism) Study
Prof Susan Kahn: Canada Research Chair and Professor of Medicine, McGill University. Director, JGH Centre of Excellence in Thrombosis and Anticoagulation Care (CETAC); Division of Internal Medicine & Center for Clinical Epidemiology; Jewish General Hospital
- 14:45-15:10 Posttraumatic Stress after PE- The Extended Role of the Pulmonary Embolism Response Team
Dr Rachel Rosovsky: Director, Thrombosis Research, Division of Hematology, Massachusetts General Hospital and Assistant Professor of Medicine, Harvard Medical School, Boston.
- 15:10- 15:40 D-dimer Testing Tailored to Clinical Pretest Probability in Suspected Pulmonary Embolism: the PEGeD Study
Dr Kerstin de Wit: Assistant Professor, Division of Emergency Medicine, Department of Medicine; Emergency Medicine and Thrombosis Physician, Hamilton Health Science, Ontario, Canada

Coffee 15:40-16:10

SESSION 3: Exploring the Full Spectrum of VTE

Chairs: Prof Kevin O' Malley & Ms Mary Barry

- 16:10-16:35 Diagnosis and management of superficial vein thrombosis
Prof Jan Beyer Westendorf: Head of Division "Thrombosis Research", Medical Clinic III, Dresden University Clinic
- 16:35-16:55 Diagnosis of DVT
Dr Caitriona Canning, Consultant in Vascular Medicine, St James's Hospital, Dublin
- 16:55-17:20 Diagnosis and management of the antiphospholipid syndrome
Dr Karen Breen: Consultant Haematologist and Clinical Lead for Haemophilia and Thrombosis, Guy's and St Thomas' NHS Foundation Trust
- 17:20-17:45 Prevention and management of postthrombotic syndrome: scientific update
Prof Susan Kahn: Canada Research Chair and Professor of Medicine, McGill University. Director, JGH Centre of Excellence in Thrombosis and Anticoagulation Care (CETAC); Division of Internal Medicine & Center for Clinical Epidemiology; Jewish General Hospital
- 17:45-18:10 Managing unusual presentations of VTE: splanchnic vein thrombosis, cerebral vein thrombosis
Dr Mandy N. Lauw Dept. of Hematology; Dept. of Vascular Medicine; AMC; Amsterdam, the Netherlands



FRIDAY 27/09/2019

6 RCPI cpd credits

OPENING ADDRESS: (TBC)

08:40 – 08:50 Ireland East Hospital Group, Thrombosis Ireland, Healthy Ireland & World Thrombosis Day
“Raising Awareness Stop the Clot Roadshow 2019”
Ms Caroline Kohn, IEHG Communications Manager

SESSION 1: VTE Risk assessment, Prevention, Treatment and Research in Ireland and Internationally:

Chairs: Dr Sarah Kelliher & Dr Denis O’ Keefe

- 09:00-09:20 The future of VTE in Ireland Prevention and Treatment
Prof Michael Watts: Consultant in Acute Medicine, Limerick University Hospital and Chair, VTE Ireland
- 09:20-09:40 Advocating for excellent VTE prevention and care: The UK NHS experience, World Thrombosis Day Campaign and engagement with the World Health Organization
Prof Beverley Hunt: Professor of Thrombosis and Haemostasis, King’s College London; Director, Haemostasis Research Unit, Guy’s and St Thomas’s Hospital, London, Chair WTD International Steering Committee
- 09:40-10:00 Clinical leadership and patient safety: the VTE collaborative and the introduction of a KPI for VTE in Ireland
Ms Ciara Kirke; Clinical Lead, Medication Safety, Health Service Executive National Quality Improvement Team
- 10:00-10:20 The patient voice in VTE research and clinical care – “3 Years On, The Patient Perspective”
Ms Annemarie O’Neill, Founder, Thrombosis Ireland Patient Organization
- 10:20-10:30 The Irish Network for VTE Research (INVITE)
Dr Denis O’Keefe, Consultant Haematologist and Clinical Director, University Hospital Limerick
- 10:30-10:40 “Ambulance Service PE Survey (ASSure)” Launch on behalf of the National Ambulance Service, Dublin Fire Brigade (DFB) and the Ireland East Hospital Group Committee
Prof Cathal O’ Donnell, Adjunct Clinical Professor in Emergency Medicine, University of Limerick & National Ambulance Service Medical Director & Mr Martin O’ Reilly, Dublin Fire Brigade

Coffee 10:40-11.00

SESSION 2: Cancer-associated Thrombosis (CAT)

Chairs: Dr Karen Ryan & Dr Nigel Salter

11:00-11:25 Patient story - TBC



- 11:25-11:50 Primary prevention of cancer associated thrombosis (CAT)
Prof Marc Carrier: Assoc. Professor; Faculty of Medicine, Depts of Medicine and Epidemiology, University of Ottawa; Senior Scientist, Clinical Epidemiology Program, Ottawa Hospital Research Institute. Research Chair in VTE and Cancer, University of Ottawa
- 11:50 -12:15 Prevalence, symptom burden, and natural history of deep vein thrombosis in people with advanced cancer in specialist palliative care units (HIDDEN): a prospective longitudinal observational study
Prof Simon Noble, Consultant in Palliative Medicine, Cardiff University
- 12.15-12.35 Antithrombotic management in patients with venous thromboembolism and malignancy
Prof Menno Huisman: Professor of Haemostasis and Thrombosis, Leiden University, Netherlands

LUNCH 12:35-13:35

SESSION 3: Scientific Progress in Management of Bleeding and Perioperative Challenges in Patients on Anticoagulation

Chairs: Prof Fionnuala Ní Áinle & Prof Martin O Donohoe

- 13:35-14:00 Assessing bleeding risk in patients on therapeutic anticoagulation for VTE
Dr Erik Klok: Dept of Thrombosis and Haemostasis, Leiden University Medical Centre, Leiden, The Netherlands; visiting Professor, Center for Thrombosis and Hemostasis, Mainz, Germany
- 14:00-14:25 Perioperative anticoagulation: the PAUSE study
Dr Kerstin de Wit: Assistant Professor, Division of Emergency Medicine, Department of Medicine; Emergency Medicine and Thrombosis Physician, Hamilton Health Science, Ontario, Canada
- 14:25-14:55 Coffee**
- 14:55-15:20 Recommencing anticoagulation after major trauma or intracranial haemorrhage
Prof Beverley Hunt: Professor of Thrombosis and Haemostasis, King's College London; Director, Haemostasis Research Unit, Guy's and St Thomas's Hospital, London, Chair WTD International Steering Committee
- 15:20-15:45 Management of bleeding in patients receiving DOAC therapy including reversal strategies.
Prof Jan Beyer Westendorf: Head of Division "Thrombosis Research", Medical Clinic III Dresden University Clinic
- 15:45-16:10 Predicting bleeding risk in patients anticoagulated for VTE in the ED
Dr Kerstin de Wit: Assistant Professor, Division of Emergency Medicine, Department of Medicine; Emergency Medicine and Thrombosis Physician, Hamilton Health Science, Ontario, Canada

16:10 Closing Address: Prof Mary Day, CEO, Ireland East Hospital Group



VTE Dublin 2019 has been endorsed by:

IsthTM

International Society on
Thrombosis and Haemostasis

early diagnosis • best treatment • better quality of life • finding a cure

PHA EUROPE  *for the patients*
European pulmonary hypertension association



WORLD THROMBOSIS DAY
13 OCTOBER



VTE IRELAND