

46th Sir Peter Freyer Memorial Lecture and Surgical Symposium
Arts Millennium Building, National University of Ireland Galway
3rd & 4th September 2021

Programme

FRIDAY, 3rd SEPTEMBER 2021

SESSION 1: TRAUMA & ORTHOPAEDIC SURGERY

Time Allowed: 7 Minutes Speaking, 3 Minutes Discussion

Location: Theatre 1

Chairs: Prof Aiden Devitt, Mr John Galbraith & Professor John McCabe

- 9.00 a.m.** **Open Limb Fractures Presenting to a Large Irish Academic Teaching Hospital - An Audit of Time to Antibiotics and other Key Performance Indicators**
Paper 1: M Murphy, C Stanley
Department of Orthopaedic Surgery, Beaumont Hospital, Beaumont, Dublin, Ireland
- 9.10 a.m.** **Management Outcomes of Displaced Distal Radius Fractures Following Introduction of a Regional Management Protocol and Trauma Assessment Clinic (TAC)**
Paper 2: E Phoenix, A Feeley, M Kennedy
Department of Trauma & Orthopaedic Surgery, Midlands Regional Hospital Tullamore, Tullamore, Ireland
- 9.20 a.m.** **Evaluating Operative Findings of Surgically Explored Paediatric Supracondylar Fractures: A 10-Year Single Institution Analysis**
Paper 3: A Dony¹, K Joyce², H Whitehouse², P Foster³, R Bains², G Bourke⁴
(1) Department of Surgery, School of Medicine, Leeds, United Kingdom;
(2) Department of Plastic Surgery, Leeds Children's Hospital, Leeds, United Kingdom;
(3) Department of Trauma and Orthopaedic Surgery, Leeds Children's Hospital, Leeds, United Kingdom;
(4) Department of Research, Leeds Institute of Medical Research, Leeds, United Kingdom
- 9.30 a.m.** **A Meta-Analysis of the Diagnostic Accuracy of Hounsfield Units on Computed Topography Relative to Dual-Energy X-Ray Absorptiometry for the Diagnosis of Osteoporosis in the Spine Surgery Population**
Paper 4: D Ahern¹, J McDonnell², M Riffault³, S Evans⁴, S Wagner⁵, A Vaccaro⁶, D Hoey³, J Butler¹
(1) Department of Trauma and Orthopaedic Surgery, MMUH, Eccles Street, Dublin 7, Ireland;
(2) School of Medicine, Royal College of Surgeons in Ireland, Dublin, Ireland;
(3) Centre for Biomedical Engineering, Trinity College Dublin, Dublin, Ireland;
(4) School of Medicine and Medical Science, University College Dublin, Dublin, Ireland;
(5) Department of Orthopedic Surgery, Walter Reed National Military Medical Center, Bethesda, Maryland, USA;
(6) Department of Orthopaedic Surgery, Rothman Institute, Philadelphia, USA
- 9.40 a.m.** **A Retrospective Analysis of Computed Tomography Images of the Talus and Calcaneus to Establish Baseline Metrics in a Sample of Irish Patients**
Paper 5: D O'Sullivan¹, D Bergin², S Kearns¹
(1) Department of Trauma and Orthopaedic Surgery, Galway University Hospitals, Galway, Ireland;
(2) Department of Radiology, Galway University Hospitals, Galway, Ireland
- 9.50 a.m.** **Was 2020 Any Different? The Effect of Coronavirus Pandemic on Trauma**
Paper 6: M Chaudhry, M Ahmad
Department of Orthopaedic Surgery, Our Lady of Lourdes Hospital, Drogheda, Ireland
- 10.00 a.m.** **Interdisciplinary Approach to the Management of Femoral Bone Metastases in a Regional University Hospital**
Paper 7: C McDonald, B Sadaat, R Hussey, M Alhazmi, D O'Shea Farrell, P McKenna, T Murphy, F Rowan, M Cleary
Department of Trauma and Orthopaedic Surgery, University Hospital Waterford, Waterford, Ireland
- 10.10 a.m.** **Clinical Outcomes in Patients with Humeral Avulsion Glenohumeral Ligament (HAGL) Lesions in the Setting of Anterior Shoulder Instability– A Retrospective Comparative Study**
Paper 8: M Davey, E Hurley, M Gaafar, R Delaney, H Mullett
Department of Orthopaedic Surgery, Sports Surgery Clinic, Santry, Dublin, Ireland
- 10.20 a.m.** **Clinical Outcomes Following Surgical Hip Dislocation for Paediatric Hip Pathologies**
Paper 9: S Ahern¹, M O'Sullivan¹, A Wade², E Meleady², C Green¹
(1) Department of Orthopedic Surgery, Children's Hospital Ireland, Temple Street, Dublin 1, Ireland;
(2) Department of Paediatric Orthopaedic Surgery, National Children's Hospital, Cappagh, Dublin, Ireland
- 10.30 a.m.** **COFFEE**

SESSION 2: VASCULAR & CARDIOTHORACIC SURGERY**Time Allowed:** 7 Minutes Speaking, 3 Minutes Discussion**Location:** Theatre 2**Chairs:** Mr Alan Soo & Prof Stewart Walsh

- 9.00 a.m.** **General versus Local Anaesthesia for Patients Undergoing Carotid Endarterectomy with a Contralateral Carotid Artery Occlusion. A Systematic Review**
Paper 10: E Graham, A Fowler, SR Walsh, W Tawfick
Department of Vascular Surgery, Galway University Hospital, Galway, Ireland
- 9.10 a.m.** **Incidental Retinal Emboli Detected At Diabetic Retinal Screening – A Missed Opportunity To Screen For Carotid Disease?**
Paper 11: H Denton, M Power Foley, M McMonagle
Department of Vascular Surgery, University Hospital Waterford, Waterford, Ireland
- 9.20 a.m.** **Pre-Operative B-Type Natriuretic Peptide as A Prognostic Indicator for Major Adverse Cardiac Events In Vascular Surgery Patients**
Paper 12: M Walsh, A Fowler, SR Walsh, M Tubassam, W Tawfick
Department of Vascular Surgery, University Hospital Galway, Galway, Ireland
- 9.30 a.m.** **Renal Artery Aneurysm: A Systematic Review of the Literature and Proposed Management Guidelines**
Paper 13: L Scanlon¹, K McKeivitt², N Doolan³, E O'Beirn¹, A Madden¹, W Torreggiani⁴, R Casey¹, S Tierney²
(1) Department of Urology, Tallaght University Hospital, Tallaght, Dublin 24, Ireland;
(2) Department of Vascular Surgery, Tallaght University Hospital, Tallaght, Dublin 24, Ireland;
(3) Department of Vascular Surgery, St James's Hospital, Dublin, Ireland;
(4) Department of Radiology, Tallaght University Hospital, Tallaght, Dublin 24, Ireland
- 9.40 a.m.** **A Single Centre's Experience with Percutaneous EVAR for Elective Infra-Renal Aneurysm Repair**
Paper 14: SK O Donovan, MP Foley, G Gosi
Department of Surgery, University Hospital Waterford, Dunmore Road, Ardkeen, Ireland
- 9.50 a.m.** **Investigation of the Safety and Effectiveness of Peri-Procedural Prophylactic Antithrombotic Therapy with Fixed-Dose Intravenous Heparin in Peripheral Vascular Interventions**
Paper 15: A Pierre¹, C Keohane¹, D Roche², M Alawy¹, M Tubassam¹, SR Walsh¹, W Tawfick¹, E Curran³
(1) Department of Vascular Surgery, Galway University Hospital, Newcastle Road, Galway, Ireland;
(2) Department of Anaesthesia, Cork University Hospital, Wilton, Cork, Ireland;
(3) Department of Anaesthesia, Galway University Hospital, Galway, Ireland
- 10.00 a.m.** **An Audit of Smoking Status and Cessation Interventions in the Vascular Outpatients Department**
Paper 16: R Fahy, MP Foley, M McMonagle, T Khan, G Gosi, S Cross
Department of Vascular Surgery, University Hospital Waterford, Dunmore Road, Waterford, Ireland
- 10.10 a.m.** **The Impact of the Covid-19 Pandemic on the Surgical Activity at the National Cardiac Surgery**
Paper 17: S Barrett, PP Higgins, D Rice, D Healy
Department of Cardiothoracic Surgery, Mater Misericordiae University Hospital, Eccles Street, Dublin 7, Ireland
- 10.20 a.m.** **Surgical Aortic Valve Replacement: Earlier Versus Newer Generation Bioprosthetic Valves – A Comparison of Early Hemodynamic Performance**
Paper 18: G Keehan, A Vainorius, A White, A Soo
Department of Cardiothoracic Surgery, University Hospital Galway, Galway, Ireland
- 10.30 a.m.** **COFFEE**

SESSION 3: UPPER GI SURGERY**Time Allowed: 7 Minutes Speaking, 3 Minutes Discussion****Location: Theatre 3****Chairs: Mr Paul Carroll, Ms Clare Donoghue & Professor Chris Collins**

- 9.00 a.m. Dorsal Approach in Laparoscopic Major Liver Resection: Patient and Operative Outcomes Compared to Traditional Laparoscopic Approach**
Paper 19: C Keogh, W Mirza, R Bryant, D Cavallucci, P Waters, N O'Rourke
Department of HPB Surgery, Royal Brisbane and Womens Hospital, Herston, Queensland, Australia
- 9.10 a.m. Single Centre Experience in Implementation of Endoscopic Surveillance Protocol after Oesophagectomy**
Paper 20: A Kamaludin, N Donlon, C Donohoe
Department of Upper Gastrointestinal Surgery, St James Hospital, James St, Dublin 8, Ireland
- 9.20 a.m. Effectiveness of a 'Hub-And-Spoke' Model in a Bariatric Surgery Service**
Paper 21: N Fearon, E Kearns, K Cheung Ng, H Heneghan
Department of Bariatric Surgery, St Vincent's University Hospital, Dublin, Ireland
- 9.30 a.m. The Dietary Intake of Patients with Chronic Pancreatitis: A Systematic Review and Meta-Analysis**
Paper 22: Q Ul Ain¹, Y Bashir¹, DM Bourne², L Kelleher¹, SM Egan¹, J McMahon³, L Keaskin¹, OM Griffin⁴, SN Duggan¹, KC Conlon¹
(1) Professorial Surgical Unit, Tallaght University Hospital, Trinity College Dublin, Ireland;
(2) Newcastle Nutrition Department, Freeman Hospital, Newcastle, United Kingdom;
(3) Library and Information Services, Tallaght University Hospital, Tallaght, Dublin 24, Ireland;
(4) Nutrition and Dietetics, St Vincent's University Hospital, Tallaght, Dublin 24, Ireland
- 9.40 a.m. Laboratory-Based Frailty Scores, MELD-Na and Child-Pugh Classification Are Associated With Shortened Telomere Length in Patients with End-Stage Liver Disease**
Paper 23: S Cremen¹, M Robinson², T Gallagher¹
(1) Department of Liver Transplant and Hepatobiliary Surgery, St Vincent's University Hospital, Dublin 4, Ireland;
(2) Department of Biology, Maynooth University, Kildare, Ireland
- 9.50 a.m. PD-1 Inhibitors in Oesophageal Cancer: A Systematic Review of the Oncological Outcomes Associated with PD-1 Blockade and the Evolving Therapeutic Landscape**
Paper 24: J Whooley¹, M Alazzawi¹, N Donlon², J Bolger², W Robb¹
(1) Department of Upper GI Surgery, Beaumont Hospital, Beaumont, Dublin, Ireland;
(2) Department of Surgery, Royal College of Surgeons Ireland, 123 St Stephens Green, Dublin, Ireland
- 10.00 a.m. The Secretome of Visceral Adipose Tissue from Advanced Stage Oesophageal Adenocarcinoma Patients Dampened Anti-Tumour Immunity Ex Vivo; Implications for the Potential Use of Immune Checkpoint Blockade to Abrogate These Immune Inhibitory Effects**
Paper 25: DB Clarke¹, M Davern², E Mylod², C Butler², C Donohoe², A Bhardwaj², N Ravi², A Melo², J Reynolds², J Lysaght², N Donlon², A Sheppard², K Majcher², M Conroy²
(1) Department of Medical Oncology, St James Hospital, 4 Stirling Park, Orwell Road, Dublin 14; Ireland;
(2) Department of Surgery, St James Hospital, James St, Dublin 8, Ireland
- 10.10 a.m. Re-do Liver Transplantation – A 26-year Analysis of the Irish National Liver Transplant Unit**
Paper 26: N Xuan Ho, E Hoti, TK Gallagher
Division of HPB and Transplantation, Department of Surgery, St Vincent's University Hospital, Elm Park, Merrion Road, Dublin 4, Ireland
- 10.20 a.m. The Immune Response to Esophageal Cancer Surgery: Implications for Postoperative Adjuvant Immunotherapy**
Paper 27: NE Donlon, M Davern, A Sheppard, F O'Connell, H Temperley, M McClean, N Ravi, C Donohoe, JV Reynolds, J Lysaght
Department of Surgery, Trinity Translational, St. James's Hospital, James' Street, Dublin 8, Ireland
- 10.30 a.m. COFFEE**

SESSION 4: BREAST CLINICAL, RESEARCH & ENDOCRINE**Time Allowed: 7 Minutes Speaking, 3 Minutes Discussion****Location: Theatre 1****Chairs: Professor Ruth Prichard & Mr Mark Corrigan**

- 11.00 a.m.** **Correlation between the Clinical Treatment Score Post 5 Years (CTS5) and the Oncotype DX 21-Gene Recurrence Score (ODX-RS); Can We Accurately Predict Patients Who Require Extended Adjuvant Hormonal Manipulation**
Paper 28: A Shrestha¹, C Cullinane¹, D Evoy¹, J Geraghty¹, J Rothwell¹, D McCartan¹, C Quinn², E McDermott¹, J Walshe³, R Prichard¹
(1) Department of Breast and Endocrine Surgery, St. Vincent's University Hospital, Merrion Road, Dublin 4, Ireland;
(2) Histopathology Department, St. Vincent's University Hospital, Merrion Road, Dublin 4, Ireland;
(3) Medical Oncology, St. Vincent's University Hospital, Merrion Road, Dublin 4, Ireland
- 11.10 a.m.** **Diagnostic Outcomes of Clinical Core and Cutaneous Punch Biopsies in the Evaluation of Breast Lesions**
Paper 29: A Alameer¹, M Boland¹, ADK Hill¹, M Common¹, M Allen¹, C Power¹, N Hambly², J Kerr², N Ni Mhuircheartaigh², M Staunton³, D Duke²
(1) Department of Surgery, Royal College of Surgeons in Ireland, Beaumont Hospital, Dublin 9, Ireland;
(2) Department of Radiology, Beaumont Hospital, Dublin 9, Ireland;
(3) Department of Pathology, Beaumont Hospital, Dublin 9, Ireland
- 11.20 a.m.** **The Role of Tranexamic Acid in Reducing Post-Operative Bleeding and Seroma Formation in Breast Surgery: A Meta-Analysis**
Paper 30: G Calpin¹, P McAnena¹, MJ Kerin¹, S Walsh², A Lowery¹
(1) Department of Surgery, University Hospital Galway, Galway, Ireland;
(2) Department of Vascular Surgery, University Hospital Galway, Galway, Ireland
- 11.30 a.m.** **Pregnancy after Breast Cancer – Prognostic Safety and Pregnancy Outcomes According To Oestrogen Receptor Status: A Systematic Review**
Paper 31: K Nolan, M Boland, ADK Hill
Department of Breast Surgery, Beaumont Hospital, Beaumont, Dublin 13, Ireland
- 11.40 a.m.** **Discordance between Post-Neoadjuvant MRI and Pathology in Breast Cancer**
Paper 32: R Browne¹, P McAnena¹, BM Moloney², N O'Halloran³, K Sweeney¹, MJ Kerin³, A Lowery³
(1) Department of Surgery, University Hospital Galway, Ireland;
(2) Department of Radiology, University Hospital Galway, Ireland;
(3) Department of Surgery, Lambe Institute for Translational Research, National University of Ireland, Galway, Ireland
- 11.50 a.m.** **Gain in ER Positivity in Breast Cancer Patients Following Tyrosine Kinase Inhibition Associated with Hypomethylation of ESR1**
Paper 33: M Flanagan¹, V Singh¹, ADK Hill², L Young¹, D Varšlija¹, S Charmsaz¹, S Purcell¹, N Cosgrove¹, S Cocchiglia¹, F Bane¹, K Sheehan³, B Hennessey⁴
(1) Department of Endocrine Oncology Research Group, Royal College of Surgeons Ireland, Dublin, Ireland;
(2) Department of Surgery, Royal College of Surgeons Ireland, Beaumont Hospital, Dublin, Ireland;
(3) Department of Pathology, Royal College of Surgeons Ireland, Beaumont Hospital, Dublin, Ireland;
(4) Department of Medical Oncology, Royal College of Surgeons Ireland, Beaumont Hospital, Dublin, Ireland
- 12.00 p.m.** **The Management of Thy3 Thyroid Nodules at University Hospital Waterford**
Paper 34: P Kennedy¹, A Noone¹, M Flanagan¹, M Bolger², M Farrell², N Shah³, E Lang⁴, L Skinner⁴, G O'Donoghue¹
(1) Department of General Surgery, University Hospital Waterford, Waterford, Ireland;
(2) Department of Radiology, University Hospital Waterford, Waterford, Ireland;
(3) Department of Histopathology, University Hospital Waterford, Waterford, Ireland;
(4) Department of Otolaryngology, Head and Neck Surgery, University Hospital Waterford, Waterford, Ireland
- 12.10 p.m.** **A Single Centre Experience of Adrenal Surgery**
Paper 35: Y Fahy², P McAnena², C Dennedy¹, D Quill², A Lowery²
(1) Department of Medicine, University Hospital Galway, Galway, Ireland;
(2) Department of Surgery, University Hospital Galway, Galway, Ireland
- 12.20 p.m.** **Incidental Thyroid Cancer in Patients Undergoing Thyroidectomy for Benign Thyroid Disease**
Paper 36: E Kearns¹, S Ryan¹, E Geary¹, K Blake¹, C Lawton¹, C Cullinane¹, D Gibbons¹, D Evoy¹, E McDermott¹, R Prichard¹
Department of Surgery, St. Vincent's University Hospital, Dublin, Ireland
- 12.30 p.m.** **The Association between Breast Density and Breast Cancer Pathological Response to Neoadjuvant Chemotherapy**
Paper 37: C Cullinane¹, A Shrestha¹, E O Hanlon¹, A O'Brien², J Walsh³, J Geraghty¹, D Evoy¹, J Rothwell¹, D McCartan¹, E McDermott¹, R Prichard¹
(1) Department of Breast, Endocrine and General Surgery, St Vincent's Hospital, Elm Park, Dublin, Ireland;
(2) Department of Radiology, St Vincent's Hospital, Elm Park, Dublin, Ireland;
(3) Department of Medical Oncology, St Vincent's Hospital, Elm Park, Dublin, Ireland
- 12.40 p.m.** **COFFEE**

SESSION 5: GENERAL SURGERY**Time Allowed:** 7 Minutes Speaking, 3 Minutes Discussion**Location:** Theatre 2**Chairs:** Mr Sean Johnston & Mr Ken Mealy

- 11.00 a.m.** **An International Delphi Exploring the Role of Robotic Surgery in Rectopexy**
Paper 38: T Keating, C Fleming, D Nally, A Brannigan
Department of Colorectal Surgery, Mater Misericordiae University Hospital, Eccles Street, Dublin 7, Ireland
- 11.10 a.m.** **Barrier Materials for Prevention of Surgical Adhesions – A Systematic Review**
Paper 39: M Waldron, C Judge, L Farina, A O'Shaughnessy, M O'Halloran
Translational Medical Device Lab, National University of Ireland Galway, Galway, Ireland
- 11.20 a.m.** **Evolution of Paediatric Head Injury Management in a Model III Hospital – The Impact of Admitting Speciality on Diagnostic Imaging**
Paper 40: A Byrne, M Devine, W Khan, I Khan, R Waldron, K Barry
Department of Surgery, Mayo University Hospital, Castlebar, Co Mayo, Ireland
- 11.30 a.m.** **Non-Obstetric Surgical Admissions during Pregnancy; A Single Centre 10 Year Retrospective Review**
Paper 41: C Ryan, D Rice, D Nally, A Brannigan
Department of Colorectal Surgery, Mater Misericordiae University Hospital, Dublin 7, Ireland
- 11.40 a.m.** **The Impact of Covid-19 on Surgical Trends in Appendicectomy**
Paper 42: A Edwards Murphy, N Foley, D Hechtel, S Killeen, E Andrews, M McCourt
Department of Colorectal Surgery, Cork University Hospital, Wilton, Cork, Ireland
- 11.50 a.m.** **User Evaluation of a Novel, Smart Insufflator for Laparoscopic Surgery- The Eva-15**
Paper 43: N McInerney, MF Khan, R Cahill
UCD Centre for Precision Surgery, UCD, Belfield, Dublin 4, Ireland
- 12.00 p.m.** **Outdated Terminology in Inguinal Hernia Description; The Terms 'Direct' and 'Indirect' Should be Abandoned-A Literature Review**
Paper 44: JT Clifford, DJ Hehir
Department of Surgery, Midlands Regional Hospital, Tullamore, Offaly, Ireland
- 12.10 p.m.** **Establishing the Role of Hyperthermic Intraperitoneal Chemotherapy in the Management of Intraabdominal Sarcomas; A Systematic Review**
Paper 45: D Rice, N Grayson, P Ridgway, A Gillis
Department of General Surgery, Tallaght University Hospital, Tallaght, Dublin 24, Ireland
- 12.20 p.m.** **Referral Pattern for Admission and Outcome; Acute Surgical Assessment Unit At A Tertiary Care Hospital**
Paper 46: J Ashraf, A Al Azzawi, A Chaudhary, A Kamil, M Regan, B Meshkat
Department of Surgery, University Hospital Galway, Galway, Ireland
- 12.30 p.m.** **LUNCH**

SESSION 6: LOWER GI SURGERY**Time Allowed:** 7 Minutes Speaking, 3 Minutes Discussion**Location:** Theatre 3**Chairs:** Professor John Burke, Ms Aisling Hogan & Ms Emmeline Nugent

- 11.00 a.m.** **A Systematic Review and Meta-Analysis Comparing Surgical and Oncological Outcomes of Upper Rectal, Rectosigmoid and Sigmoid Tumours**
Paper 47: S Morarasu, L O'Brien, C Clancy, S Martin
Centre for Colorectal Disease, St Vincent's University Hospital, Dublin 4, Ireland
- 11.10 a.m.** **An Assessment of the Safety of Endoscopic Mucosal Resection in the Elderly**
Paper 48: J Ryan¹, T Connelly¹, S Foley², SK O'Donovan¹, F Cooke¹, P McCullough¹, P Neary¹
(1) Department of Academic Surgery, University Hospital Waterford, Waterford, Ireland;
(2) School of Medicine, University College Cork, Cork, Ireland
- 11.20 a.m.** **QFIT - A Tool to Prioritise Red Flag Colorectal Referrals in the COVID-19 Pandemic**
Paper 49: R Coulson, RS Small, R Spence, I McAllister
Department of General Surgery, South Eastern Health and Social Care Trust, Belfast, NI, United Kingdom
- 11.30 a.m.** **Digitalising the Surgeon's Eye – Quantitative Analysis of Surgical Expert Decision Making in Indocyanine Green Fluorescence Colorectal Perfusion Analysis**
Paper 50: S Shanahan¹, J Dalli², NP Hardy², RA Cahill²
(1) School of Medicine, University College Dublin, Dublin, Ireland;
(2) UCD Centre for Precision Surgery, School of Medicine, University College Dublin, Dublin, Ireland
- 11.40 a.m.** **A Novel Technique to Generate 3D Reconstructions of the Abdomen from Standard 2D Data Sets – The End to 2D Diagnosis**
Paper 51: A Troy, L Bhandary, D Walsh, JC Coffey
Department of Surgery, University Limerick Hospitals Group, Dooradoyle, Limerick, Ireland
- 11.50 a.m.** **Single-Centre Retrospective Review of Trans-Anal Surgical Procedures (2005-2020)**
Paper 52: A Garami, HM Plapp, ME Kelly, D O'Kavanagh, PC Neary
Department of Surgery, Tallaght University Hospital, Tallaght, Dublin 24, D24 NR0A, Ireland
- 12.00 p.m.** **Emergency Colonic Resection versus Self-Expanding Metallic Stent or Decompressing Stoma as a Bridge-to-Surgery: A Network Meta-Analysis Comparing Management Strategies for Left-Sided Malignant Colonic Obstruction**
Paper 53: F McHugh, EJ Ryan, PA Boland, M Whelan, J O'Riordan, PC Neary, DO Kavanagh
Department of Surgery, Tallaght University Hospital, Tallaght, Dublin, Ireland
- 12.10 p.m.** **Neoadjuvant Short-Course Radiotherapy for Upper Third Rectal Tumors: Systematic Review and Individual Patient Data Metaanalysis of Randomized Controlled Trials**
Paper 54: M Flanagan¹, C Clancy¹, J Sorensen², L Thompson³, EMK Kranenbarg⁴, C Van de Velde⁴, D Sebag-Montefiore⁵, J Burke¹
(1) Department of Colorectal Surgery, Beaumont Hospital, Dublin, Ireland;
(2) Department of Healthcare Outcomes Research Centre, Royal College of Surgeons Ireland, Dublin, Ireland;
(3) Medical Research Council Clinical Trial Unit, London, United Kingdom;
(4) Leiden University Medical Centre, Leiden, Netherlands;
(5) Leeds Cancer Centre, University of Leeds, Leeds, United Kingdom
- 12.20 p.m.** **Oncological Safety of Robotic-Assisted Comparative to Laparoscopic Rectal Cancer Resections at 3 Year Follow Up**
Paper 55: L O Connell, T Nugent, R Kalbassi, P Neary, A Hafeez, D O'Riordain
Department of Colorectal Surgery, UCD Beacon Academy, Beacon Hospital, Sandyford, Ireland
- 12.30 p.m.** **LUNCH**

SESSION 7: UROLOGY

Time Allowed: 7 Minutes Speaking, 3 Minutes Discussion

Location: Theatre 1

Chairs: Mr Paddy O'Malley, Ms Catherine Dowling & Prof Peter Lonergan

- 1.30 p.m.** **A Departmental Review of the Quality of Information Contained in Multiparametric Prostate MRI Requests and Reports**
Paper 56: O Cullivan¹, M Taha¹, P O'Malley¹, G Durkan¹, P McCarthy², C Dowling¹
 (1) Department of Urology, Galway University Hospital, Galway, Ireland;
 (2) Department of Radiology, Galway University Hospital, Galway, Ireland
- 1.40 p.m.** **Is A 'Virtual' Urology Outpatient Clinic Feasible In Addressing Delays In Review Patients**
Paper 57: E O'Beirn, P Collins, P Shaw, L Smyth, A Thomas, R Flynn, R Manecksha, R Casey
 Department of Urology, Tallaght University Hospital, Tallaght, Dublin, Ireland
- 1.50 p.m.** **Radical Prostatectomy for Prostate Cancer in the West of Ireland: Evolution of Surgical Technique**
Paper 58: M Hegazy, E Roche, G Durkan
 Department of Urology, Galway University Hospital, Galway, Ireland
- 2.00 p.m.** **The Safety and Satisfaction of Transperineal Prostate Biopsy under Local Anaesthetic in an Outpatient Setting**
Paper 59: WA Chedid, G Nason, D Moschonas, M Perry
 Department of Urology, Royal Surrey, Egerton Road, Guildford, United Kingdom
- 2.10 p.m.** **In Vitro Evaluation of Optimal Device Settings for the Swisslithoclast Trilogy Lithotripter**
Paper 60: C O'Connor, L Lyons, D Hennessey
 Department of Urology, Mercy University Hospital, Grenville Place, Cork, Ireland
- 2.20 p.m.** **Trainees Experience with Complex Urinary Catheterisation On Call In Ireland**
Paper 61: KG Keane, JSA Khan, AT Looney, GJ Nason, M Aboelmagd, D Galvin, S Connolly, K O'Malley, N Hegarty
 Department of Urology, Mater Misericordiae University Hospital, Dublin, Ireland
- 2.30 p.m.** **Evaluation of Surveillance Patterns for Patients Attending Urology Outpatients with Complex Renal Cysts**
Paper 62: L Hayes, RA Keenan, I Cheema, L McLornan, N Davis, M Quinlan
 Department of Urology, Connolly Hospital, Blanchardstown, Dublin, Ireland
- 2.40 p.m.** **COFFEE**

SESSION 8: TRAINING AND EDUCATION

Time Allowed: 7 Minutes Speaking, 3 Minutes Discussion

Location: Theatre 2

Chairs: Professor Carmel Malone, Professor Kevin Barry & Professor Oscar Traynor

- 1.30 p.m.** **Medical Education in a Pandemic: Using Technology to Maintain the Plastic Surgery Education for Medical Students during the COVID-19 Era**
Paper 63: ME McMahon¹, S Bollard¹, C Quinlan¹, S Potter¹, J O'Reilly², K Carpenter²
(1) Department of Plastic Reconstructive Surgery, Mater Hospital, Eccles Street, Dublin 7, Ireland;
(2) School of Medicine, University College Dublin, Belfield, Dublin 4, Ireland
- 1.40 p.m.** **A Systematic Qualitative Assessment of Patient Complaints - Where Does It Go Wrong?**
Paper 64: A Nolan, A Byrne, M Devine, A Arif, W Khan, I Khan, MK Barry
Department of General Surgery, Mayo University Hospital, Castlebar, Co. Mayo, Ireland
- 1.50 p.m.** **Assessing the Effect of Simulation Training on Medical Students' Performance– A Systematic Review**
Paper 65: N McInerney¹, MF Khan¹, A Rice², R Cahill¹
(1) UCD Centre for Precision Surgery, Mater Misericordiae University Hospital, Dublin 7, Ireland;
(2) Library and Information Service, Mater Misericordiae University Hospital, Eccles St, D7, Ireland
- 2.00 p.m.** **Exploring the Reliability of Workplace-Based Operative Competency Assessments in Surgical Training Using Generalisability Theory**
Paper 66: C Toale, D Nally, D Ryan, M Morris, D Kavanagh
Department of Surgical Affairs, Royal College of Surgeons in Ireland, St. Stephen's Green, Dublin, Ireland
- 2.10 p.m.** **Identifying Factors Influencing Medical Students Future Career Choices in Northern Ireland: A Qualitative Study**
Paper 67: S Madden¹, N Martin¹, JM Clements², SJ Kirk²
(1) School of Medicine & Dentistry, Queens University Belfast, United Kingdom;
(2) Department of Surgery, Ulster Hospital, South Eastern Trust, Dundonald, Northern Ireland, United Kingdom
- 2.20 p.m.** **Real-time Intraoperative Surgical Learning, Consultation and Collaboration between Irish Surgical Centres**
Paper 68: MF Khan¹, N Hardy¹, J Dalli¹, C Duff², S Potter³, D Toomey⁴, P Neary⁵, R Cahill¹
(1) UCD Centre for Precision Surgery, UCD, Dublin, Ireland;
(2) Innovations Division, Medtronic, Ireland;
(3) Department of Plastic and Reconstructive Surgery, Mater Misericordiae University Hospital, Ireland;
(4) Department of Surgery, Mullingar Regional Hospital, Ireland;
(5) Department of Surgery, Waterford University Hospital, Ireland
- 2.30 p.m.** **COFFEE**

SESSION 9: PLASTIC AND RECONSTRUCTIVE SURGERY

Time Allowed: 7 Minutes Speaking, 3 Minutes Discussion

Location: Theatre 3

Chairs: Mr Alan Hussey, Professor Shirley Potter & Professor Jack Kelly

1.30 p.m.
Paper 69: **An Investigation of the Relationship between the 2D:4D Ratio and Sagittal Craniosynostosis**
F O'Sullivan, S Bollard, GP O'Sullivan, P Coffey, S Bracken, DJ Murray
National Paediatric Craniofacial Centre, Children's Health Ireland (CHI), Temple St, Dublin 1, Ireland

1.40 p.m.
Paper 70: **Quantitative Indocyanine Green Fluorescence Angiography Flap Perfusions Analysis**
J Dalli¹, N Quirke², NP Hardy¹, RA Cahill¹, S Potter²
(1) UCD Centre for Precision Surgery, University College Dublin, Dublin, Ireland;
(2) UCD School of Medicine, University College Dublin, Dublin, Ireland

1.50 p.m.
Paper 71: **Gender Affirmation Surgery: Increases in Demand Requires Urgent Service Planning**
E Geary¹, W Hahn², L Moore², C Cuggy¹, J Woods¹, K Neff³, R Dolan¹
(1) Department of Plastic & Reconstructive Surgery, St Vincent's University Hospital, Elm Park, Dublin, Ireland;
(2) University College Dublin, Dublin, Ireland;
(3) National Gender Service, St Columcille's Hospital, Co Wicklow, Ireland

2.00 p.m.
Paper 72: **Massive Weight Loss Body Contouring: Online Resources Fail To Meet Patient Needs**
C Cuggy¹, S Froder², H Wei², E Geary², H Heneghan³, T O'Reilly¹, R Dolan¹
(1) Department of Plastic and Reconstructive Surgery, St Vincent's University Hospital, Elm Park, Dublin 4, Ireland;
(2) School of Medicine, University College Dublin, Belfield, Dublin 4, Ireland;
(3) Department of Bariatric Surgery, St Vincent's University Hospital, Elm Park, Dublin 4, Ireland

2.10 p.m.
Paper 73: **The Role of Simulation in Microsurgical Training: A Review of Validated Assessment Tools**
R Milling, S Potter, C Quinlan
Department of Plastic Surgery, Mater Hospital Dublin, Eccles Street, Dublin 3, Ireland

2.20 p.m.
Paper 74: **Examining the True Incidence of Amelanotic Melanoma**
D Mc Cormack, J Martin-Smith, N Christodoulides
Department of Plastic Surgery, Beaumont Hospital, Beaumont, Dublin, Ireland

2.30 p.m.
Paper 75: **Pre-Pectoral Implant Reconstruction Using Synthetic Mesh: An Irish Perspective**
AS Bhreathnach, M Stokes, JM Barry, SM Walsh, MR Kell
Department of Breast Surgery, Mater Misericordiae University Hospital, 38 Eccles Street, Dublin 7, Ireland

2.40 p.m. **COFFEE**

SESSION 10: PLENARY**Time Allowed: 7 Minutes Speaking, 3 Minutes Discussion****Location: Theatre 1****Chairs: Professor Arnie Hill, Prof Helen Heneghan, Prof Calvin Coffey, Prof Kevin Conlon****3.00 p.m. Fertility Treatment and Breast Cancer Incidence: A Meta-Analysis and Systematic Review****Paper 76:** C Cullinane, H Gillen, J Geraghty, D Evoy, J Rothwell, D McCartan, E McDermott, R Prichard
Department of Breast, Endocrine and General Surgery, St Vincent's Hospital, Elm Park, Dublin, Ireland**3.10 p.m. Global Mapping of RNA-Methylation in ER-Positive Breast Cancer Disease Progression****Paper 77:** S Keelan^{1,2}, M Ola¹, S Charmsaz¹, S Cocchiglia^{1,2}, K Crowley¹, SP Purcell¹, N Cosgrove¹, B Doherty¹, FT Bane^{1,2}, K Sheehan^{1,3}, L Hudson², B Roux¹, MI Laine⁴, GL Greene⁴, D Vareslija¹, ADK Hill^{1,2}, LS Young^{1,2}
¹Endocrine Oncology Research Group, Department of Surgery, RCSI University of Medicine and Health Sciences, Dublin, Ireland
²Department of Surgery, Beaumont Hospital, Dublin, Ireland
³Department of Pathology, Beaumont Hospital, Dublin, Ireland
⁴Department of Biochemistry and Molecular Biology, The University of Chicago, Chicago, Illinois**3.20 p.m. An International Multicenter Study Exploring Whether Surveillance after Oesophageal Cancer Surgery Impacts Oncological and Quality of Life Outcomes (ENSURE)****Paper 78:** JA Elliott¹, SR Markar², GB Hanna², JV Reynolds¹, ENSURE Study Group¹, F Klevebro³, A Johar⁴, L Goense⁵, P Lagergren⁴, G Zaninotto², MIB Henegouwen⁶, R van Hilleberg⁵, M Nilsson³
(1) Department of Surgery, Trinity Centre for Health Sciences, St. James's Hospital, Dublin, Ireland;
(2) Department of Surgery and Cancer, Imperial College London, 10th Floor, QEOM building, St. Mary's Hospital, London, United Kingdom;
(3) Department of CLINTEC, Karolinska Institutet, Stockholm, Sweden;
(4) Department of Molecular Medicine and Surgery, Karolinska Institutet, Karolinska University Hospital, Stockholm, Sweden;
(5) Department of Surgery, University Medical Center Utrecht, Utrecht University, Utrecht, Netherlands;
(6) Department of Surgery, Cancer Centre Amsterdam, Amsterdam University Medical Center, Amsterdam, Netherlands**3.30 p.m. Discriminating Colorectal Tissue Pathology Using Indocyanine Green Perfusion Quantification and Simple Machine Learning Methods****Paper 79:** NP Hardy (1), J Dalli (1), MF Khan (2), JP Epperlein (3), S Zhuk (3), P MacAonghusa (3), PM Neary (4), RA Cahill (2)
(1) Department of Surgery, UCD Centre for Precision Surgery, Phibsborough, Dublin 7, Ireland;
(2) Department of Surgery, Mater Misericordiae University Hospital, Eccles Street, Dublin 7, Ireland;
(3) Department of IBM Research Europe, Damastown, Mulhuddart, Ireland;
(4) Department of Surgery, University Hospital Waterford, University College Cork, Waterford, Ireland**3.40 p.m. Pathological Complete Response as a Biomarker of Survival in Human Epidermal Growth Factor Receptor-2 Breast Cancer – A Systematic Review and Meta-Analysis****Paper 80:** MG Davey^{1,2}, F Browne¹, AJ Lowery^{1,2}, MJ Kerin^{1,2}
(1) Department of Surgery, Galway University Hospitals, Galway, Ireland.
(2) The Lambe Institute for Translational Research, National University of Ireland, Galway, Ireland.**3.50 p.m. Evaluating the Immune Landscape of Metastatic Colorectal Cancer****Paper 81:** M Flood¹, V Narasimhan¹, P Waters¹, M Michael², S Warriar¹, R Ramsay¹, A Heriot¹
(1) Department of Surgical Oncology, Peter MacCallum Cancer Centre, 305 Grattan St, Melbourne, Australia;
(2) Department of Medical Oncology, Peter MacCallum Cancer Centre, 305 Grattan St, Melbourne, Australia

SESSION 10: PLENARY

Time Allowed: 7 Minutes Speaking, 3 Minutes Discussion

Location: Theatre 1

Chairs: Professor Arnie Hill, Prof Helen Heneghan, Prof Calvin Coffey, Prof Kevin Conlon

4.00 p.m. Inflammatory Profile of Visceral Adipose Tissue Depots in Colorectal Cancer

Paper 82: M Ismaiel, B Murphy, C Hayes, LV O'Connell, DC Winter
Department of General Surgery, St. Vincent's University Hospital, Elm Park, Dublin 4, Ireland

4.10 p.m. Mucinous and Non-Mucinous Colorectal Cancers Show Differential Expression of Genes Responsible For Chemotherapy and Immunotherapy Actions

Paper 83: E O Connell¹, I Reynolds¹, M Salvucci², D McNamara¹, J Prehn², J Burke¹
(1) Department of Colorectal Surgery, Beaumont Hospital, Dublin 9, Ireland;
(2) Department of Physiology & Medical Physics, RCSI, Dublin 2, Ireland

4.20 p.m. Immune Checkpoint Blockade Limits the Immunosuppressive Effects of the Oesophageal Adenocarcinoma Tumour Microenvironment on T-Cells

Paper 84: M Davern, N Donlon, C Butler, N Ravi, JV Reynolds, J Lysaght, A Sheppard, F O Connell, C Hayes, R King, H Temperley, J Moore
Department of Surgery, Trinity Translational Medicine Institute, St James's Hospital Campus, Dublin 8 Ireland,

4.30 p.m. Quality Of Life Outcomes Following Colo-Anal Anastomosis versus Abdominoperineal Resection for Low Rectal Cancer: A Systematic Review and Meta-Analysis

Paper 85: B Maguire, C Clancy, B Mehigan, P McCormick, J Larkin
Department of Colorectal Surgery, St James Hospital, Dublin 8, Ireland

4.40 p.m. Evaluating Antioxidant Mechanisms in Discarded Liver Allografts: The Role of NRF2 in Organ Salvage

Paper 86: O Ahmed¹, M Xu², F Zhou², A Wein³, AU Gundumi², Y Lin², C O'Farrelly⁴, W Chapman²
(1) School of Medicine, Trinity College Dublin, College Green, Dublin 2, Ireland;
(2) Department of Surgery, Section of Abdominal Transplantation, Washington University School of Medicine, St Louis, Missouri, USA;
(3) Department of Pathology and Immunology, Washington University School of Medicine, St Louis, Missouri, USA;
(4) School of Biochemistry and Immunology, Trinity College Dublin, College Green, Dublin 2, Ireland

4.50 p.m. A Novel Perfusion Solution for Use in Ex Vivo Lung Perfusion for Lung Transplant

Paper 87: E McCormack¹, K Redmond², G Curley³, P McLoughlin¹
(1) Department of Medicine, University College Dublin, Belfield, Dublin, Ireland;
(2) Department of Cardiothoracic and Transplant Surgery, Mater Misericordiae University Hospital, Eccles Street, Dublin 7, Ireland;
(3) Department of Anaesthetics, RCSI, Beaumont Hospital, Dublin, Ireland

5.00 p.m. PRESIDENTIAL ADDRESS

Welcome Remarks: Professor Ciarán Ó hÓgartaigh
President
NUI Galway

SESSION 11: CANCER SYMPOSIUM

Location: Theatre 1

Chair: Professor Michael Kerin

- 10.00 a.m. Introduction**
Minister Stephen Donnelly
Minister for Health
- 10.05 a.m. Potential for an All Island Cancer Research Initiative'**
Professor Liam Gallagher
Professor of Cancer Biology, University College Dublin
- 10.20 a.m. The Impact of Covid and How We as Europeans Can Be Part of the Recovery and Improve the Outcome from Cancer'**
Professor Mark Lawler
Chair in Translational Cancer Genomics, Queen's University Belfast
- 10.35 a.m. OECI Accreditation - How Important Is It and How Is It Run**
Professor Roisin Connolly
Chair in Cancer Research, University College Cork
- 10.50 a.m. NCCP and Covid Recovery**
Professor Risteárd Ó'Laoide
Director of the National Cancer Control Programme
- 11.05 a.m. Genetics / Genomic Profiling and Personalised Therapy**
Dr Terri McVeigh
Consultant Clinical Geneticist, The Royal Marsden NHS Foundation Trust
- 11.20 a.m. Comprehensive Cancer Care for Saolta Region**
Professor Michael Kerin
Professor of Surgery, NUI Galway,
MCAN Director for Saolta
- 11.35 a.m. Discussion**

12.00 p.m. SIR PETER FREYER MEMORIAL LECTURE

Introduction: Professor Michael Kerin

Speaker: Dr Mike Ryan

Topic: Impact of COVID19 on other Diseases, Health Service Delivery and Disease Control Objectives

Location: Lecture Hall I

- 1.05 p.m. Closing Remarks**
Professor Ronan O'Connell
President, RCSI
- 1.10 p.m. Conclusion and Prize Giving**
Professor Michael Kerin

POSTER ASSESSMENT

Time Allowed: 7 Minutes Speaking, 3 Minutes Discussion

Location: Theatre 1

Chairs: Professor Gerry Byrnes, Mr Ronan Waldron, Prof Dermot Hehir, Prof Aoife Lowery

BREAST CLINICAL

- 1. Audit of Physical Activity of Women Presenting to the Symptomatic Breast Clinic**
SY Chee¹, R Tully¹, L Kelly¹, M O'Sullivan¹, M Corrigan²
(1) Department of Breast Surgery, Cork University Hospital, Wilton, Cork. Ireland;
(2) Cork Breast Research Centre, Ireland
- 2. Guidelines on Opioid Prescribing after Breast Surgery: A Systematic Review**
KY Chan, S Keogh, N Aucharaz, J O'Donnell, A Merrigan, S Tormey
Department of Breast Surgery, University Hospital Limerick, Dooradoyle, Limerick, Ireland

CARDIOTHORACIC

- 3. Pulmonary Artery Pressures – A Contributing Factor in Determining Mitral Valve Repair versus Replacement Surgery**
A White, G Keehan, A Soo
Department of Cardiothoracic Surgery, Galway University Hospital, Galway, Ireland
- 4. Patient Satisfaction on Virtual Clinics among Patients on Post-Operative Lung Cancer Surveillance Clinics**
G Qsous, ANP Santy Manoj, DG Healy
Department of Cardiothoracic Surgery, St Vincent's University Hospital, Dublin, Ireland
- 5. The Benefits of A Pre-Operative Investigation Regimen to Screen for Non-Respiratory Co-Morbidities Prior to Lung Volume Reduction Surgery (LVRS)**
K Mulryan, K Redmond
Department of Cardiothoracic Surgery, Beacon Hospital, Sandyford, Dublin, Ireland

GENERAL SURGERY

- 6. User Assessment of a Novel Wound Protection and Specimen Extraction for Laparoscopic Procedures involving Morcellation**
A Olaru¹, R Cahill²
(1) Department of Gynaecology, Mater Misericordiae University Hospital, Dublin7, Ireland;
(2) UCD, Ireland
- 7. Assessment of Perception of Clostridium Difficile Infection among Physicians at a Tertiary Hospital**
A Dhannoon, M Joyce
Department of General Surgery, University Hospital Galway, Galway, Ireland
- 8. Regional Non-Adherence of the Mesentery - A Clinical and Pathological Entity**
P Corcoran, B Ferriter, J Coulter, JC Coffey
Department of Colorectal Surgery, University Hospital Limerick, Dooradoyle, Limerick, Ireland
- 9. MRCP; First Line Imaging For Biliary Pain**
A Osman, T Connelly, R Edwards, M Hamza, F Cooke, P McCullough, P Neary
Department of Colorectal Surgery, University Hospital Waterford, Dunmore Road, Waterford, Ireland
- 10. Surgical Management of Acute Appendicitis in the Elderly, Laboratory, Histological Findings and Correlation with Length of Stay**
T El Natout, S Keogh, S Tormey
Department of Breast Surgery, University Hospital Limerick, Dooradoyle, Limerick, Ireland
- 11. The Rate of Negative Appendectomy And Perforation As Quality Improvement Indicator At A Level-III Hospital**
Y Tanveer, S Paulus, MF Sarwar
Department of General Surgery, Cavan General Hospital, Cavan, Ireland
- 12. Optimal Technique in the Establishment of Pneumoperitoneum in Obese Patients: A Systematic Review**
M Bucheeri, R O'Connell, K Barry
Department of General Surgery, Mayo University Hospital, Castlebar, Co. Mayo, Ireland

LOWER GASTROINTESTINAL

- 13. Application of Near Infrared (NIFR) Perfusion Assessment with Indocyanine Green (ICG) In Emergency Surgical Cases – Single Centre Experience in Ireland**
MF Khan, N McInerney, N Hardy, J Dalli, R Cahill
UCD Centre for Precision Surgery, UCD, Dublin, Ireland
- 14. A Prospective Evaluation of the Effect of Transanal Minimally Invasive Surgery (TAMIS) on Low Anterior Resection Syndrome**
D Sugrue, J Burke
Department of Colorectal Surgery, Beaumont Hospital, Dublin, Ireland
- 15. Colorectal Cancer Surgery Service during Covid-19 Pandemic: A Comparison with Pre-Covid Era**
MU Rashid, SR Syed, N Husain, P Thomas, J Eccersley, S Vakis
Department of General Surgery, Queens Hospital Burton, University Hospitals of Derby and Burton NHS Trust, Belvedere Road, DE13 0RB, United Kingdom
- 16. Surgical Outcomes in Patients with Ulcerative Colitis and Crohn’s Undergoing Completion Proctectomy**
L Burns, ME Kelly, J O’Riordan, M Whelan, P Neary, DO Kavanagh
Department of Surgery, Tallaght University Hospital, Tallaght, Dublin 24, Ireland
- 17. Surveillance of Non-Metastatic Colorectal Carcinoma Three Years Post Resection Using CT-TAP, Carcinoembryonic Antigen (CEA) and Colonoscopy**
F O’Leary, N DeZeeuw, P Owens, D Kavanagh, P Neary, J O’Riordan
Department of Surgery, Tallaght University Hospital, Tallaght, Dublin 24, Ireland
- 18. Wound Outcomes Following Abdominoperineal Resection**
A Gaffney, P McCormick
Department of Surgery, St James’s Hospital, James’s Street, Dublin 8, Ireland
- 19. Minimally Invasive Approaches in the Management of Early Rectal Cancer: A Systematic Review and Network Meta-Analysis**
A Naughton, ÉJ Ryan, B Creavin, ME Kelly, M Whelan, J O’Riordan, PC Neary, D Kavanagh
Department of Surgery, Tallaght University Hospital, Tallaght, Dublin 24, Ireland
- 20. Colorectal Surgery during COVID19 in a Tertiary Referral Centre**
A Edwards Murphy, N Foley, D Hechtel, M McCourt, E Andrews, S Killeen
Department of Colorectal Surgery, Cork University Hospital, Wilton, Cork, Ireland

ONCOLOGY

- 21. Laboratory Methods for Fluorescence Agent Characterisation of Colorectal Cancer in Vitro and in Vivo**
A Sarkar¹, N Hardy¹, J Dalli¹, DF O’Shea², S Thorpe³, R Cahill¹
(1) UCD Center for Precision Medicine, University College Dublin, Dublin 7, Ireland;
(2) Department of Chemistry, RCSI, Dublin 2, Ireland;
(3) School of Medicine, Conway Institute, University College Dublin, Dublin 4, Ireland

PLASTIC AND RECONSTRUCTIVE SURGERY

- 22. Evaluation of New Multidisciplinary Alveolar Bone Graft Clinic in Northern Ireland**
R Toner, Z Thom, D Johnston, E Qudairat, BJ Rainey
Department of OMFS & Orthodontics, Altnagelvin Area Hospital, Western Health & Social Care Trust, Glenshane Road, United Kingdom
- 23. The TORCh Pilot Study: TOxin for Treating Raynaud’s Conditions in Hands**
K Blake¹, C Cuggy¹, E Geary², C Orr³, R Dolan¹
(1) Department of Plastic and Reconstructive Surgery, St Vincent's University Hospital, Elm Park, Dublin 4, Ireland;
(2) School of Medicine, University College Dublin, Belfield, Dublin 4, Ireland;
(3) Department of Rheumatology, St Vincent's University Hospital, Elm Park, Dublin 4, Ireland

TRAINING AND EDUCATION

- 24. Gender Diversity and Competitiveness in Higher Surgical Training in Ireland**
KG Keane¹, RP Manecksha²
(1) Department of Urology, Tallaght University Hospital, Tallaght, Dublin 24, Ireland;
(2) Department of Surgery, School of Medicine, Trinity College Dublin, Ireland

- 25. Development and User Assessment of a New Fixation Method for Human Cadaveric Donors to Enable Advanced Surgical Training and Development**
C Myles¹, MF Khan², D Killeen², O Traynor³, J Jones¹, R Cahill²
(1) Department of Anatomy, UCD, Ireland;
(2) UCD Centre for Precision Surgery, Mater Hospital, Eccles Street, Dublin, Ireland;
(3) Department of Postgraduate Affairs, RCSI, Ireland

- 26. Intra-Operative Radiation Safety; Who Does What? Who Knows What?**
N O'Sullivan, A Naughton, K McKeivitt, A Nour, E Boyle, B Egan, S Tierney
Department of Vascular Surgery, Tallaght University Hospital, Tallaght, Dublin, Ireland

- 27. Investigating the Receptivity to Virtual Reality in Surgical Training: A Survey Based Analysis in a Regional Department of Surgery**
J Bujouves¹, A Feeley², E Sheehan², D Hehir³
(1) Department of Medicine, University of Limerick, Limerick, V94 T9PX, Ireland;
(2) Department of Orthopaedic Surgery, Midland Regional Hospital, Tullamore, Offaly, Ireland;
(3) Department of General Surgery, Midland Regional Hospital, Tullamore, Offaly, Ireland

- 28. Mastering the Robotic Learning Curve at Fellowship Level: Applying an Australian Centres Experience to an Irish Context**
D Fernando, T Larach, H Mohan, J MacCormick, S Warriar, A Heriot, P Waters
Department of Colorectal Surgery, Peter MacCallum Cancer Centre, Grattan Street, Melbourne, Australia

- 29. Neuro-Developmental Outcomes of Prenatally Diagnosed Ventriculomegaly Over A Ten Year Period**
S Murphy, R Dillon, C Stenson, J Caird
Department of Neurosurgery, Temple Street Hospital, Temple Street, Dublin, Ireland

- 30. Novel Remote Delivery of Hybrid Mock Simulated Short Case Examinations to Final Year Medical Students**
N McHugh, P McAnena, S Walsh, A Lowery
Department of General Surgery, NUI Galway, Galway, Ireland

- 31. A Novel Application for Recording Morbidity & Mortality**
N Raftery, C Shields, J Mulsow
Department of Colorectal Surgery, Mater Misericordiae Hospital, Eccles Street, Dublin, Ireland

TRAUMA AND ORTHOPAEDIC SURGERY

- 32. A Systematic Review and Meta-Analysis of the Wide-Awake Local Anaesthetic No Tourniquet (WALANT) Technique for Distal Radius Fracture Fixation**
B Rigney, C Casey, C McDonald, E Pomeroy, MS Cleary
Department of Trauma and Orthopaedic Surgery, University Hospital Waterford, Waterford, Ireland
- 33. The Relationship between Hounsfield Units, SLIC Score, and Failure of One-Stage Anterior Cervical Discectomy and Fusion (ACDF) in Traumatic Sub-Axial Cervical Fractures**
D Ahern¹, T Ross², J McDonnell², H Hughes¹, L Leddy³, G Cunniffe¹, J Butler¹
(1) Department of Trauma and Orthopaedic Surgery, Mater Misericordiae University Hospital, Eccles Street, Dublin 7, Ireland;
(2) School of Medicine, Royal College of Surgeons in Ireland, Dublin, Ireland;
(3) School of Medicine and Medical Science, University College Dublin, Dublin, Ireland
- 34. Clinical Outcomes at Medium Term Follow-Up of Sub-Acromial Balloon Spacer Insertion in the Operative Management of Massive Rotator Cuff Tears**
M Davey, K Kaar
Department of Trauma and Orthopaedic Surgery, Galway University Hospitals, Galway, Ireland
- 35. The Impact of Mandatory Routine Pre-operative Coronavirus (COVID-19) Testing in a Trauma Service**
E Phoenix, R Kenyon, J Mahon, T Bayer
Department of Trauma & Orthopaedic Surgery, Midlands Regional Hospital, Tullamore, Offaly, Ireland
- 36. A Single Centre Experience of Prosthetic Joint Infection Management and Outcomes with Outpatient Parenteral Antimicrobial Therapy**
B Murphy¹, A Kutubi², L O' Brien², P Fitzpatrick³, C Hurson¹, D Rajendran², E Feeney², P Mallon², S Waqas²
(1) Department of Trauma & Orthopaedic Surgery, St Vincent's University Hospital, Elm Park, Dublin 4, Ireland;
(2) Department of Infectious Diseases, St Vincent's University Hospital, Elm Park, Dublin 4, Ireland;
(3) Department of Epidemiology & Biostatistics, UCD School of Public Health, Physiotherapy & Sports Science, Belfield, Dublin 4, Ireland
- 37. Development and Subsequent Service Evaluation of an Ad-Hoc "Virtual Arthroplasty Clinic" In Response to COVID-19: Experiences from a National Orthopaedic Hospital**
P Carroll¹, B Murphy², R Daly¹, A McLaverty¹, P Keogh¹, JM O' Byrne¹, J Cashman¹
(1) Department of Trauma & Orthopaedic Surgery, Cappagh National Orthopaedic Hospital, Finglas, Dublin 11, Ireland;
(2) Department of Trauma & Orthopaedic Surgery, St Vincent's University Hospital, Elm Park, Dublin 4, Ireland
- 38. Enhanced Recovery Program – Impact of ASA Grade on Length of Hospital Stay in Patients Undergoing Hip and Knee Arthroplasties**
M Chaudhry, M Ahmad, N Awan
Department of Orthopaedic Surgery, Our Lady's Hospital, Navan, Ireland

UPPER GI SURGERY

- 39. Portal Vein Thrombosis Following Elective Laparoscopic Splenectomy: Incidence and Analysis of Risk Factors**
C Keogh¹, B Swinson¹, L Webber¹, D Cavallucci¹, L Nathanson¹, P Waters¹, R Bryant¹, N O'Rourke¹
Department of HPB Surgery, Royal Brisbane and Womens Hospital, Herston, Queensland, Australia
- 40. Incidence and Management of Anastomotic Strictures after Oesophagectomy**
A Kamaludin, N Donlon, C Donohoe
Department of Upper Gastrointestinal Surgery, St James Hospital, James St, Dublin 8, Ireland
- 41. The Impact of Ursodeoxycholic Acid on Gallstone Disease after Bariatric Surgery: A Meta-Analysis of Randomised Controlled Trials**
N Fearon¹, E Kearns¹, C Kennedy¹, J Conneely², H Heneghan¹
(1) Department of Bariatric Surgery, St Vincent's University Hospital, Elm Park, Dublin, Ireland;
(2) Department of Surgery, Mater Misericordiae University Hospital, Eccles St, Dublin, Ireland
- 42. Effect of Obesity on Outcomes in Laparoscopic Liver Resection: A Systematic Review**
B Kwan, C Keogh, D Cavallucci, R Bryant, PS Waters, N O'Rourke
Department of Hepatopancreaticobiliary Surgery, Royal Brisbane Hospital, Herston Road, Herston, Brisbane, Australia

UROLOGY

43. **Patients Experience and Preference Regarding Subcutaneous Venous Thromboembolic Prophylaxis Following Robotic Assisted Radical Cystectomy**
WA Chedid, G Nason, D Moschonas, M Perry
Department of Urology, Royal Surrey, Egerton Road, Guildford, United Kingdom
44. **Urology for the Modern General Surgeon – Competencies to be Achieved by Consultancy?**
C Salmon, M Devine, W Khan, I Khan, R Waldon, MK Barry
Department of Surgery, Mayo General Hospital, Castlebar, Co Mayo, Ireland
45. **A Video Case Series of Migrated Hem-O-Lok Clip Retrieval Post Robotic Assisted Laparoscopic Prostatectomy and a Review of the Literature**
A Madden¹, A Naughton¹, R Flynn², A Thomas²
(1) Department of Urology, Tallaght University Hospital, Tallaght, Dublin, Ireland;
(2) Department of Urology, Beacon Hospital, Dublin, Ireland
46. **COVID-19: The Impact on Urology In-Patient Length of Stay in a Single Centre**
P Shaw, L Scanlon, R Manecksha, R Casey
Department of Urology, Tallaght University Hospital, Dublin, Ireland
47. **Fabrication of Artificial Kidney Stones of Different Physical Properties for Ex Vivo Experimentation**
C O'Connor, L Lyons, D Hennessey
Department of Urology, Mercy University Hospital, Grenville Place, Cork, Ireland

VASCULAR SURGERY

48. **Topical Oxygen Therapy in Lower Limb Wound Healing: A Systematic Review**
AR Tahir, A Fowler, SR Walsh, M Tubassam, W Tawfick
Department of Vascular Surgery, University Hospital Galway, Galway, Ireland
49. **Superficial Femoral Eversion Endarterectomy: A Novel Adjunct for Infrainguinal Bypass in the Absence of Suitable Vein Conduit**
N Hallinan¹, A Kelly¹, C Dooley¹, H Hurley¹, C Gray¹, E Mulkern¹, C McDonnell¹, MK O'Donohoe¹
Department of Vascular Surgery, Mater Misericordiae University Hospital, Eccles St, Dublin 7, Ireland
50. **A Comparison of Venous Leg Ulcer Pain-Related Outcomes in Patients with and without Colonization of Pseudomonas Aeruginosa**
A Kelly¹, C Toale¹, P Ryan¹, H Meagher¹, F Leahy¹, S Chaplin¹, M Medani¹, P Stapleton², MA Moloney¹, E Kavanagh¹
(1) Department of Vascular Surgery, University Hospital Limerick, St Nessian Rd, Dooradoyle, Ireland;
(2) Department of Microbiology, University Hospital Limerick, St Nessian Rd, Dooradoyle, Ireland
51. **Acute Diabetic Foot Management during Covid-19**
A Downes, A Kiernan, A Hassanin, M Barry
Department of Vascular Surgery, St Vincent's Hospital, Elm Park, Dublin 4, Ireland