Miss Maria V Coats

MBBS BSc MSc(Dist) PhD FRCSEd LLB DPLP(Dist) DLM RNrtd

Curriculum Vitae
Nov 2025

PERSONAL DETAILS

Name: Maria Victoria. Coats
Nationality: British
GMC No: 6129954

Work Email: enquiry@mariacoats.com

QUALIFICATIONS

2019	FRCSEd, Royal College of Surgeons Edinburgh
2016	PhD, University of Dundee
2010	MSc (Distinction) Surgical Sciences, University of Edinburgh & RCS Edinburgh
2009	MRCS, Royal College of Surgeons Edinburgh
2005	MBBS, Royal Free & University College London Medical School
2002	BSc Aerospace, Diving & Aviation Medicine, King's College, London

Prizes and Awards

2019	EAES HPB Fellowship, Oslo, Norway (January to March 2020)
2013	Postgraduate Research Prize, University of Dundee, UK
2012	Leng Trust Travel Award, University of Dundee, UK
2012	Dow Travel Award, University of Dundee, UK
2011	Highly Commended Clinical Poster Award, Pathology Visions, San Diego USA
2004	Prankard Jones Elective Prize, University College London UK
2002	European Space Agency Parabolic Flight Research, King's College London UK

LEGAL QUALIFICATIONS & EXPERIENCE

2022	LLB, Law, RGU Aberdeen
2022	Diploma in Legal Medicine, FFLM Royal College Physicians, London
2024	Diploma in Professional Legal Practice, Distinction, RGU Aberdeen

Employment

2023	Expert Witness, Expert Court Reports Ltd

Membership & Training

2225	Bond Solon Expert Witness Conference
2022	Provisional Member, Expert Witness Institute
2020	Law Society Scotland

Expert Witness Experience

Instruction from the Defence	1
Instruction from the Proseution	5

EMPLOYMENT

Current Appointment

Jun 20 - Present Consultant HPB and General Surgeon (NHS Greater Glasgow & Clyde)

Current Clinical Practice:
Emergency General Surgery on call
Elective Surgery for benign and malignant pancreaticobiliary disease
Pancreaticobiliary endoscopy including OGD, ERCP, EUS and spyglass (approx 250/year)

Previous Appointments

Nov 19 – May 20	Consultant HPB and General Surgeon (NHS Tayside, Dundee)
Aug 18 – Aug 19	Senior Clinical Fellow - HPB & Transplant (Freeman Hospital, Newcastle)
Nov 13 – Nov 19	General Surgery Specialty Registrar Training (East of Scotland Deanery)
Aug 13 – Nov 13	Royal Naval Medical Officer (Exercise Askari Thunder, Africa)
Aug 10 – Aug 13	PhD Student and Clinical Research Fellow (University of Dundee)
Aug 08 – Aug 10	ST1 - ST2 General Surgery (East of Scotland Deanery)
Aug 07 – Aug 08	ST1 FTSTA General Surgery (Severn Deanery)
Aug 05 – Aug 07	Foundation Doctor (North Central Thames Foundation School, London)

PRIVATE PRACTICE

Aug 23 - Present Consultant HPB and General Surgeon
Kings Park Hospital, Circle Health Group, Stirling

CLINICAL QUALIFICATIONS, EXPERIENCE & MEMBERSHIPS

Specialty-Specific Courses and Qualifications

2024	EUS & FNB Course, Berlin, Germany
2023	Endoscopic Axios Drainage course, Boston, London
2022	Pancreaticobiliary Endoscopic Ultrasound, Newcastle
2020	Pancreatic Exocrine Insufficiency, Santiago di Compostelo Spain
2019	Robotic HPB Course, Freeman Hospital, Newcastle
2019	Train the Trainers, RCSEd
2019	Baxter General Surgery Course, Vienna, Austria
2019	Laparoscopic Cadaveric HPB course, Sheffield
2017	EAES Laparoscopic UGI/HPB Surgery Course, Ninewells Hospital, Dundee
2017	Intra Operative Liver Ultrasound, Humanitas, Milan, Italy
2016	Endoscopy Live London, UCL
2016	Basic ERCP Skills Course, Cook & UCL, London
2016	Emergency Surgery, Cadaveric Course, RSEd, Dundee
2015	Trauma Ultrasound, NATO HQ, Belgium
2009	Basic Upper Gastro-Intestinal Endoscopy, Ninewells Hospital, Dundee
2008	Care of Critically Ill Surgical Patient (CrISP), RSCH, Guildford

Other Courses and Qualifications

2024 Pre Hospital Trauma Life Support (PHTLS), Prometheus Medical Ltd
2019 Advanced Trauma Life Support (ATLS), RUH Bath
2019 Intermediate Care Level 3 SCRUM CAPS, Scottish Rugby Union
2017 Intermediate Care Level 2 SCRUM CAPS, Scottish Rugby Union
2017 Generic Instructor Course, ALSG, Aberdeen
2017 Pre-Hospital Emergency Care Course, ALSG, Shetland
2017 Pre-Hospital Paediatric Life Support, Basics, Scotland
2014 Basic Endovascular Skills for Vascular Surgeons, London
2010 Specialist Vascular Surgery Skills, St Thomas' Hospital, London
2008 Key Skills in Laparoscopic Surgery, Ninewells Hospital, Dundee
2007 Basic Surgical Skills Course (BSS), Heath Hospital, Cardiff
2007 Advanced Life Support (ALS), RUH Bath
2006 Newborn Life Support (NLS), Southmead Hospital, Bristol
2006 Advanced Paediatric Life Support (APLS), RUH Bath
2005 Acute Life-Threatening Events – Recognition & Treatment (ALERT)

Professional Memberships

2022 Faculty of Forensic & Legal Medicine
2022 Association of Surgeons of Great Britain and Northern Ireland
2019 Pancreatic Society, UK
2017 Faculty of Forensic and Legal Medicine
2017 International HPB Association
2011 Faculty of Surgical Trainers, RCS Edinburgh
1996 Fellow of Institute of Swimming Teachers and Coaches

LEADERSHIP AND MANAGERIAL EXPERIENCE

Local Roles

2025-present Lead for Trauma, Glasgow Royal Infirmary
2022-present Honorary Senior Clinical Lecturer, University Of Glasgow
2019-2020 Senior Clinical Lecturer (undergraduates), University of Dundee
2019-2020 Consultant responsible for the Registrar On call Rota
2017-2018 Tayside Tissue Bank **Committee Member** approving protocols and authorising research tissue requests
2017-2018 **Hepatobiliary Teaching** Lead for the surgical department, NHS Tayside
2016-2018 East of Scotland Deanery, **Senior Trainee Representative**
2015-2018 For 3 years I designed and co-ordinated the **Middle grade on call rota** for General Surgery in NHS Tayside
2014-2018 Medical Students **SSC Supervisor** (2014-2018) designing and leading projects, University of Dundee

National Roles

2024-present NICE Guidelines for Management of Common Bile Duct Stones Steering Grp
2020-present Scottish Liaison for EUROPAC Trial – Pancreatic Cancer Screening
2021-2025 West of Scotland Representative, National Cancer Recovery Steering Grp
2021-2024 West Of Scotland Surgical Training Advisor, RCS Edinburgh
2013-2017 **Officer Commanding** Tay Division, HMS Scotia

2014 **RN UK representative**, The Confederation of Medical Reserve Officers, NATO HQ
2012 **Reserve Training Officer**, Medical Branch, RNR

Human Factors & Leadership Training

2015 Equality and Diversity Officer, Royal Navy
2012 Command Leadership & Management Training, HMS Collingwood Leadership Academy
2009 Resilience Training, BRNC

TEACHING EXPERIENCE

Teaching Roles & Qualifications

2018-2019 Core Surgical Training Regional Lecturer, Northern Deanery
2018-2019 Medical Student Teaching, University of Newcastle
2012-2018 Founder Member, Faculty of Surgical Trainers, RCSEd
2015-2018 Cushieri Skills Centre Tutor, NHS Tayside
2015-2018 General Surgery Medical Student, University of Dundee
2014-2018 Academic & Clinical SSC Co-ordinator, University of Dundee
2013-2015 Lecturer for Medical Students, Royal society of Medicine
2012 Coach/Mentor, Tayside Insightful Practice Project (TIPP)
2010 Tutor for Medical Students, Dundee Clinical Skills Centre

Examining & Interviewing Panel Experience

2025 Final Year Surgery Examiner,
2010 3rd/4th Year Final Year Exam OSCE
2010 Dundee University MMIs

Other Teaching qualifications

2000-2005 ASA Qualified Swimming Teacher, Established own business
1996-1999 ASA Qualified Assistant Swimming Teacher

CLINICAL AUDITS

2022 Sleep Study to Improve patient experience for inpatients, Glasgow Royal Infirmary
2017 Appendicectomy – An audit of practice in NHS Tayside
2017 Adherence to ASGE Guidelines for ERCP indications
2016 National multicentre Audit of Pregnancy Status in General surgery admission, Scotland
2015 STARSurg, Management of obese patients post operatively, Multi Centre, Scotland
2014 Use of Lactate in Acute Surgical Admissions, Ninewells Hospital, Dundee
2011 Laparoscopic Incisional Hernia Repairs, Ninewells Hospital, Dundee
2010 Endovascular Aneurysm Repair, Ninewells Hospital, Dundee
2008 MRSA screening in the Intensive Care Unit, Taunton
2007 Sepsis in the Emergency Department, Bath

COMPUTER AND IT SKILLS

- Familiar with Mac OS and Windows

- Competent in Microsoft Word, Excel and Powerpoint
- Clinical Database management (Filemaker and Microsoft Access)
- Statistical Software SPSS
- Digital Imaging (Dataviewer, Adobe Photoshop, Bioptonics, Drishti, 3D-DR, Quicktime Pro, Aperio, Imaris, Osirix, Definiens)

INVITED PRESENTATIONS

2011-13	Examining the Surgical Abdomen, RSM, Finals Lecture Series, London UK
2013	Inflammatory Bowel Disease, RSM, General Surgery and Gastroenterology Revision Course, London UK
2021	Laparoscopic Cholecystectomy Complications, Corza Medical
2022	Acute Pancreatitis, TUGS The Upper GI Surgeons ASGBI
2022	Improving Pancreatic Cancer & Chronic Pancreatitis outcomes, Viatris Edinburgh
2023	Chronic Pancreatitis, Drug & Alcohol addiction unit, Viatris Glasgow
2025	Endoscopy & Consent, West Of Scotland HPB Research Meeting, Glasgow

RESEARCH EXPERIENCE

Grants & Funding

- Anonymous Trust Fund. Prediction of Treatment Response in UGI cancer. DJ Exon, J Dillon, SV Walsh, **MV Coats**. £8500
- The Melville Trust Clinical Fellowship. Optical Projection Tomography as a diagnostic tool for colorectal cancer. **MV Coats**. £66,918 (JGC.RXG.M00109.0001)
- Dundee Cancer Centre. Automatic Analysis of Dysplasia in Optical Projection Tomography of Colorectal Polyps. **MV Coats (Principal Investigator)**, J Zhang, F Carey, S McKenna. £29,930

Research Thesis

- **Undergraduate BSc** (2002) A comparison of 4 different oxygen delivery systems at altitude. King's College London
- **Postgraduate MSc** (2010) Prognostic Biomarkers in Oesophago-Gastric Cancer. University of Edinburgh
- **Postgraduate PhD** (2016) Optical Projection Tomography as a diagnostic Tool for Colorectal polyps. University of Dundee.

Other Research Experience

2002 Normal Air Ltd, British Aerospace, Yeovil, Somerset, UK, Professor JE Ernsting
Human physiology study conducted to certify the Nimrod Aircraft to fly above 40,000ft.

2002 Student Parabolic Flight, European Space Agency, Bordeaux, France
Evaluating cardiopulmonary resuscitation in zero gravity.

2004 Hyperbaric Medicine Unit, Institute of Naval Medicine, Gosport, UK

Transcutaneous O_2 Monitoring in measuring tissue viability during hyperbaric O_2 therapy.

PUBLICATIONS

Papers

Nayar M…., **Coats MV**, …. Pandanaboyana S; COVIDPAN Collborative Group; COVID Pain Collborative Group. *SARS-CoV-2 infection is associated with an increased risk of idiopathic acute pancreatitis but not pancreatic exocrine insufficiency or diabetes: long-term results of the COVIDPAN study.* Gut. 2022 Jul;71(7):1444-1447.

Pandanaboyana S et al (**Coats M** collaborator) *SARS-CoV-2 infection in acute pancreatitis increases disease severity and 30-day mortality: COVID PAN collaborative study*. Gut 2021;0:1-9

Ibrahim I, Ibrahim B, Yong GL, **Coats M**, Vujovic Z, Wilson MSJ. *A multispecialty study of determining the possibility of pregnancy and the documentation of pregnancy status in surgical patients: a cause for concern?* Scottish Medical Journal 2018 0(0)1-5

Singh K, Wilson M, **Coats M**. *Does time of surgery influence the rate of false-negative appendectomies? A retrospective observational study of 274 patients*. Patient Safety in Surgery 2018 (12)33

Wilson MSJ, Powell-Bowns M, Robertson AG, Luhmann A, Richards CH, **Scottish Surgical Research Group**. *Results of a national multicentre audit assessment of gynaecological history in surgical patients*. Int J Gynaecol Obstet. 2017 Nov; 139 (2): 197-201

Wilson MS, Powell-Bowns M, Robertson AG, Luhmann A, Richards CH, **Scottish Surgical Research Group**. *National multicentre audit of pregnancy status in general surgery admissions in Scotland*. PGMJ 17 Jan 2017.

CholeS Study Group, West Midlands Research Collaborative. *Population-based cohort study of variation in the use of emergency cholecystectomy for benign gallbladder diseases*. Br J Surg. 2016 Nov;103(12):1716-1726

Sutton AJ, Vohra RS, Hollyman M, Marriott PJ, Buja A, Alderson D, Pasquali S, Griffiths EA; **CholeS Study Group**, West Midlands Research Collaborative. *Cost-effectiveness of emergency versus delayed laparoscopic cholecystectomy for acute gallbladder pathology*. Br J Surg. 2017 Jan;104(1):98-107

Li W, **Coats M**, Zhang J, McKenna S J. *Discriminating dysplasia: Optical tomographic texture analysis of colorectal polyps.* Medical image analysis 26(1):57-69 September 2015

Coats M, Shimi S. *Cholecystectomy and the risk of alimentary tract cancers: a systematic review*. World J Gastroenterol. 2015 Mar 28;21(12):3679-93

Li W, Zhang J, Zheng W, **Coats M**, Carey F A, McKenna S J. *Learning from Partially Annotated OPT Images by Contextual Relevance Ranking*. Med Image Comput Assist Interv. 2013;16(Pt 3):429-36.

Suttie SA, Mofidi R, Bagul A, Babber A, **Coats M**, Ross R, Steedman S, Levison R, Severn A, Howd A, Struthers A, Nagy J, Griffiths GD. *Are Brain Natriuretic Peptide Levels Related to Flow through Autologous Arterio-Venou Fistulae For Chronic Haemodyalisis*? J Surg Ac. Vol 2; 1, 2012

Book Publications

Carter R, Dickson EJ and **Coats M.** Blumgart's Surgery of the Liver, Biliary Tract and Pancreas, 2-Volume Set (7th Edition) Book Chapter: Acute Pancreatitis (Publication due 2022)

Coats M, Shimi S (Editor) Book Chapter: *Oesophago-gastric Motility disorders*. Frontiers in Oesophagogastric Surgery 2016, Bentham Science Publishers

Oral Abstracts

Coats MV, Kamarajah S, Robinson SM, Sen, G, French JJ, White SA A Retrospective Evaluation Of Robotic, Laparoscopic And Open Distal Pancreatectomy In A Single Centre, ASGBI 2019

Coats MV, Walsh SV, Baker L, Jordan L, Thompson AM, Exon DJ. Prognostic Impact of P53 in Oesophageal Adenocarcinoma. British Journal of Surgery, 2011 98 (S2) 24.

Coats MV, Wedden S, Farrell J, Cranston G, Mitchell L, Wilson J, Steele RJC, Carey F. Optical Projection Tomography as a Diagnostic Tool in Colorectal Cancer. European Journal of Pathology, August 2011 459(S1), S15-16

Craig W, **Coats MV**, Brady C, Smith D, Krukowski ZH. Comparison of practice in Follicular Thyroid Cancer from two longitudinal series. British Association of Endocrinology and Thyroid Surgeons. Poitiers, France September 2011

Coats MV, Craig W, Brady C, Dutta S, Krukowski ZH, Smith D. The Changing Demographics and Treatment Of Graves Disease: A Comparison of Two Scottish Regions. British Association of Endocrinology and Thyroid Surgeons. Poitiers, France September 2011

Coats MV, Wedden S, Farrell J, Cranston G, Mitchell L, Wilson J, Steele RJC, Carey F. Optical Projection Tomography as a Diagnostic Tool for Colorectal Polyps. Scottish Microscopy Symposium. Dundee, November 2011

Coats MV, Wedden SE, Farrell J, Cranston G, Mitchell L, Wilson J, Steele RJC, Carey FA. Optical Projection Tomography: Can it help diagnose the Colorectal Polypoid Cancer? Digestive Diseases Week, San Diego, US 2012

Li W, **Coats M**, Zhang J, McKenna S J. Comparative Analysis of Feature Extraction Methods for Colorectal Polyp Images in Optical Projection Tomography. Proceedings of Medical Image Understanding and Analysis (MIUA), Birmingham, July 2013, 67-72, BMVA.

Li W, Zhang J, McKenna S J, **Coats M**, Carey F A. Classification of colorectal polyp regions in optical projection tomography. International Symposium on Biomedical Imaging (ISBI), San Francisco, April 2013

Poster Abstracts

Singh K, Wilson M, **Coats M**. Comparing The Appropriacy Of Emergency Surgical Procedures Between Day And Night-Time – Is There An Out Of Hours Effect? RCSEd Surgical Research Symposium. (South Wales November 2017)

Suttie SA, Mofidi R, Bagul A, Babber A, **Coats MV**, Ross R, Steedman S, Levison R, Severn A, Howd A, Struthers A, Nagy J, Griffiths G. Are Brain Natriuretic Peptide levels related to flow through autologous arterio-venous fistula for chronic haemodialysis? Vascular Access Society (Brighton, UK September 2011)

Coats MV, Wedden S, Farrell J, Cranston G, Mitchell L, Wilson J, Steele RJC, Carey F. Optical Projection Tomography as a Diagnostic Tool for Colorectal polyps. Pathology Visions (San diego, US October 2011) – Awarded Highly Commended

Coats MV, Williams H, Suttie SA, Babber A, Guthrie GK, Flett M, Howd A, Nagy J, Chakraverty S, Bhat R, Griffiths GD. Outcomes and Follow-up Of Endovascular Aneurysm Repairs (EVAR): The East of Scotland Vascular Network Experience. The Lister Centenary, Edinburgh 2012.

Coats MV, Wedden SE, Mitchell L, Farrell J, Cranston G, Wilson J, Carey FA, Steele RJC. Is The Pit Pattern Classification System Appropriate For Colorectal Adenomas? Digestive Diseases Week, San Diego, US 2012

Coats MV, Wedden S, Farrell J, Cranston G, Mitchell L, Wilson J, Steele RJC, Carey F. Optical Projection Tomography: Can it help diagnose the Colorectal Polypoid Cancer? International Academy of Pathology, Cape Town, South Africa. September 2012

MILITARY EXPERIENCE

Positions of Responsibility

2008 Selection for Officer Training, Admiralty Interview Board
2009 Commissioned Medical Officer Royal Naval Reserves
2011 First Aid Level 2 Instructor and Assessor
2012 Medical Training Curriculum Development Officer, RNR Medical Branch
2013 Officer Commanding Tay Division, HMS Scotia
2013 Medical Officers Recruitment Liaison Officer, RNR Medical Branch
2014 UK Representative for CIOMR, NATO HQ, Brussels
2019 Retired from active service

Training Courses

2009 Britannia Royal Naval College, Officer Training
2012 Battlefield Advanced Trauma Life Support (BATLS)
2012 Divisional Officers Course
2013 Standard Underwater Medicine Course, INM

Deployments and Exercises

2012 Exercise Askari Thunder, 1 Rifles 3CDO. Kenya (GDMO)

Achievements

2010 Tri Service Team European Beach Lacrosse Champions, Rotterdam
2012 Lands End to John O'Groats Cycle raising £2,389.14 for Royal Navy and Royal Marines Charity and the Cardiomyopathy Association.

OTHER INTERESTS AND ACHIEVEMENTS

Military	University of London Air Squadron (RAF Reserves) Pilot Training (2002–2004) Ground Branch (2004-2005)
Sport	Royal Navy & Tri-Service Lacrosse Team (2009-2014) ASA qualified Swimming teacher 11 years experience Dundee Rugby Club Doctor (2016-2023) Level 3 qualified Motor Sports UK doctor, Knockhill Race Circuit (2023 to present)