

MATTHEW FRANCIS

MEDICAL DOCTOR | HTTPS://WWW.LINKEDIN.COM/IN/MATTHEW-D-ARCY-FRANCIS-9466B129/

OBJECTIVE

To reinforce the core clinical skills and knowledge gained from medical school and postgraduate work to pursue a speciality in Anaesthesiology and Critical Care Medicine in Ireland. I hope to continue my academic training and teaching in medical ethics.

SKILLS

I have extensive teaching experience along with leadership and teambuilding skills from various employments over the last 13 years in diverse fields. As a fully qualified and licensed MD, I can diagnose and treat common and rare illnesses and effectively refer more complex cases to appropriate colleagues. My training in trauma and critical care has been complemented bv competencies in point of care ultrasound.

EXPERIENCE

RESIDENT MEDICAL OFFICER • BLACKROCK CLINIC, DUBLIN, IRELAND • JANUARY 2023 - FEBRUARY 2024

My present employer is the Blackrock Clinic in Dublin, Ireland. My role as part of the team of Resident Medical Officers (RMO) encompasses a wide range of specialities and direct collaboration with consultants in their public and private practices. I am the lead medical point person on surgical cases with responsibilities to assess and work up ongoing and developing issues and highlight these to the lead consultant for review as appropriate. During night shifts and other periods when the case consultant is absent from the hospital, I am the clinical lead in acute complications and managing all issues. In critical cases, I liaise with the relevant registrar on call or directly with consultants as appropriate for the patient. I work closely in coordination with the nurse managers on dutv.

As part of this role, I have also taken the opportunity to perform numerous audits and give talks on ethical topics during the weekly consultant lunch meetings.

My clinical manager in this role is Mr Fintan Doyle, consultant orthopaedic surgeon. My contract was not renewed, as business decision by Blackrock Clinic, due to a reshaping of clinical services and expected reduced demand for RMOs in the next months/year.

LOCUM MEDICAL DOCTOR IN EMERGENCY MEDICINE . OSPEDALE DI CREMONA, CREMONA, ITALY • APRIL 2022 - AUGUST 2022

I was a full-time locum doctor in the emergency department of the Ospedale di Cremona. This role had me managing the same types of cases as my previous position in Lodi. I worked closely with the shock room as Cremona is the largest trauma canter locally with one of the only helicopter landing sites outside of Pavia and Milan in Lombardy. As a major trauma centre, my role is more flexible with some shifts also







MEDICAL LICENCES

Irish Medical Council, General Register, Number 505604

LEGAL RESIDENCE

6 Garden View Dublin 6, D06 H281 Co. Dublin Ireland

LANGUAGES

English: Mother Tongue (C2+), IELTS Certified 2022 French: C1-B2 equivalent Italian: C1 equivalent Turkish: A1 equivalent

VEHICLE LICENSES

Car - B (UK License)

covering the observation unit and shock rooms as required. I am equally independent and responsible for the management of all the cases under my care. I ended my contract in this hospital to pursue a career in Ireland.

LOCUM MEDICAL DOCTOR IN EMERGENCY MEDICINE • OSPEDALE MAGGIORE, LODI, ITALY • SEPTEMBER 2021 – MARCH 2022

I previously held the position of full-time locum doctor in the emergency department of the Ospedale Maggiore di Lodi. This role had me managing acute and chronic cases of potentially lifethreatening illnesses with a mix of surgical and clinical cases daily. Most cases I managed were (old) code yellow and green cases (priority to be seen within 20mins and 4hs respectively), while code red cases were primarily managed by shock room consultants in turn. I was expected to assist when needed or when traumas were in excess of consultant availability. This position was one of immense pressure and focus as Lodi is the major trauma centre for the region. This position also rotated through the dedicated suspected infectious disease management position in the ER, including the assessment, workup, initial care, and treatment of acute respiratory illnesses such as confirmed COVID-19. While ER consultants are available for consultation, I am expected to manage my cases with full responsibility and clinical discretion at the same level including ultrasound imaging and minor procedures. I am autonomous in my work for clinical decision-making in all my cases and any requests for additional consultations as clinically necessary. This hospital is not a dedicated teaching hospital and during this period I have undertaken certified ALS and ATLS training sponsored by the institute. I also undertook formal point-of-care ultrasound (POCUS) training and courses in minor orthopaedic traumatology in adults and children.

This period has forced enormous progression clinically and professionally. I have developed not only as a clinical leader, but also as a student and team member within the groups I have worked. As a person and professional, this position has hardened me but thankfully not made a cynic of me. While I was offered a prolongation of my contract, I opted to change hospitals to experience further departmental variety prior to eventual specialization.

MEDICAL DOCTOR IN VACCINATION SERVICES • VIGEVANO CIVIL HOSPITAL, VIGEVANO, ITALY • DECEMBER 2020 – JUNE 2021

I previously worked in vaccination services of the public health system in Vigevano, Italy as well as Mortara and Garlasco in the same region, on a fixed six-month contract. In my clinic, I was the medical lead with for all decisions and patient care while on duty, including acute management of emergencies. Most of my patients were infants, and children with a few adolescents as a minority. I also provided vaccination education and planning for older adults with complex



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health conditions, as well as counselling for parents and relatives. During this period, I particularly valued the opportunity to work very closely with an exceptional nursing team and to learn the balancing needed for effective teamworking and communication. Furthermore, communication skills from doctor-patient (and doctor-parent!) interactions were also considerably improved. While I was offered to option to remain in the position indefinitely, I decided to end the contract for personal and study reasons, with a view to seeking a more hands-on role and experience in acute care.

During this contract, I also volunteered as a doctor to assist in the COVID-19 vaccination campaign on several occasions in the same capacity as above.

STUDENT RESEARCHER & TUTOR • ICS MAUGERI, PAVIA, ITALY • NOV. 2014 - NOV. 2019

I have been involved in various clinical and basic research projects in the department of Molecular Cardiology supervised by Dr Andrea Mazzanti, MD, MSc, since being recruited in 2014. I have gained detailed understanding of various Channelopathies and other inherited diseases of the heart. In addition, I have learned ECG interpretation, echocardiography, and various statistic modalities in the course of my work in this department. I have been privileged to be a part of a few publications during this time, both as an author and otherwise. In 2016, I began work in collaboration with the Department of Toxicology supervised by Professor Carlo Locatelli, MD, PhD, in conjunction with my colleagues in Molecular Cardiology to study the arrhythmogenic profile of medical cannabis in a clinical trial designed by myself and supervised by collaborating clinicians and researchers. This research is ongoing.

I have been actively tutoring seminars in ECG interpretation for medical students on a volunteer basis. I have additionally been part of a paid initiative to teach medical students the basics of echocardiography acquisition and interpretation.

TUTOR • DEPARTMENT OF BIOETHICS, UNIVERSITY OF PAVIA, ITALY • OCTOBER 2016 – SEPTEMBER 2020

I was invited in 2016 by Professor Ruberto, MD, PhD, of the Department of Bioethics in the University of Pavia, to collaborate in teaching the discipline of Bioethics to my fellow medical students in the second and sixth years. During this time, I have deepened my own understanding of ethics and been privileged to teach a few classes with the professor's close supervision and guidance. I ran unsupervised group seminars with small groups of students to engage in case-based discussions to improve their understanding of this discipline.







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I was a guest speaker at the International Bioethics Retreat in February 2021 alongside Professor Ruberto, discussing our work on ethical dilemmas within the COVID-19 Pandemic.

EDUCATION

MSC IN CLINICAL MANAGEMENT OF PAIN (3 YEAR PART TIME) • SEPTEMBER 2023 - PRESENT• UNIVERSITY OF EDINBURGH, UNITED KINGDOM

I am enrolled in an online, part-time, masters program on the clinical management of pain at the University of Edinburgh, UK. This course approaches pain from many multifaceted approaches and has already impacted my clinical assessments and management strategies in the hospital.

MSC IN ETHICS AND LAW (2 YEAR PART TIME) • SEPTEMBER 2023 - PRESENT • ROYAL COLLEGE OF SURGEONS OF IRELAND, IRELAND

I am enrolled in an online, part-time, master program in medical ethics and law at the RCSI, Dublin, Ireland. This course actively supports my previous work in medical ethics by providing a foundation in jurisprudence and legal theory, as well as alternative ethical perspectives. I hope to grow my academic interests from this course, as well as better advocate for all patients fluently and persuasively.

SINGLE CYCLE MASTERS IN MEDICINE AND SURGERY • SEPTEMBER 2014 – SEPTEMBER 2020 • UNIVERSITY OF PAVIA, ITALY

I graduated with top marks (110/110, equivalent of first-class honours in the UK) in Medicine and Surgery. My thesis presentation titled "The Pavia Capacity Scale: A novel approach to the assessment of general capacity in clinical practice." was extremely well received. This degree integrated the intern year into the final year of studies.

PHYSIOLOGY BSC(HONS) • SEPTEMBER 2009 - JULY 2012 • KING'S COLLEGE LONDON, UK

I graduated with honours from King's College London School of Biomedical Science with a joint specialty in Physiology and Human Anatomy. I was awarded a joint second place award for my work in anatomy in the annual Surgical Society meeting about the nerve plexi around the heart. I extensively volunteered in various teams and committees in medical fields during this period.







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OTHER CERTIFICATES

ADVANCED PAEDIATRIC LIFE SUPPORT (APLS) • OCTOBER 2023 • CODE BLUE, DUBLIN, IRELAND

I attended and passed the APLS course in Dublin, Ireland in October 2023. This course equips medical professions in the management of paediatric emergencies and trauma, and serves me well in the management of paediatric decompensations in my day job. The certification is valid until October 2027.

ADVANCED TRAUMA LIFE SUPPORT (ATLS) • DECEMBER 2021 • AMERICAN COLLEGE OF SURGEONS

I attended and passed the ATLS course in Lodi, Italy in December 2021 at my first attempt, partly sponsored by my employer the ASST Lodi. This training equipped me with competencies in major trauma situations and training in the management of advanced airways, major haemorrhages and life preserving adjuncts complementary to the foundational skills in the approach to major trauma management. This certification is valid until December 2025.

ADVANCED LIFE SUPPORT (ALS) • NOVEMBER 2021 • ITALIAN RESUSCITATION COUNCIL

I attended and passed the ALS course in 2021 certified by the Italian resuscitation council and was sponsored by my employer, the ASST Lodi. I passed the exam on my first attempt. This qualification certified my competence in acute emergency scenarios of critically ill patients both in-hospital and pre-hospital settings, in non-major trauma situations and acute decompensations of vital functions. This certification is valid until November 2025.

SHORT COURSE IN ULTRASOUND IN TROPICAL MEDICINE • MAY 2016 • UNIVERSITY OF PAVIA

I studied the fundamentals of Ultrasound examination in the setting of tropical disease diagnosis during this intensive one-week course in May 2016. Experts from around the world were invited to speak and explain the essence of Ultrasound technology and how useful it is in the approach to tropical disease management of many regions of the body, not only the abdomen. Techniques in Echocardiography, FAST exams, Thoracic wall examination, detailed exams of the abdomen and vessel examination in the inguinal and neck regions were approached.



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BLS-D & FIRST AID CERTIFICATION • FEBRUARY 2012 • ST JOHN **AMBULANCE**

I was accredited in the fundamentals of first aid by St. John Ambulance and have volunteered at over 12 different events requiring the presence of trained medical staff including Wimbledon tennis tournament and Wired music concert.

OTHER VOLUNTEER **EXPERIENCE OR** LEADERSHIP

In 2015, I founded the Harvey Medical Society, a student lead initiative designed to promote English speaking activities for non-natives and to empower the students of the Harvey Course of Medicine with a social agenda. Through an elected committee, the society is now beginning its 5th committee cycle. I no longer hold a formal position on the committee but am occasionally consulted.

I tutored, in both voluntary and paid capacities, for the past 5 years in various departments in the faculty. This included:

- Practical & Surface Anatomy (2015 & 2016)
- Propaedeutics reviews (January 2020 Present)
- Introduction to practical Echocardiography (2019 & 2020)
- Seminars in Bioethics (2016 Present)
- ECG Interpretation (2018 Present)

I have been a volunteer for Angloville English language courses in Poland for 2 summers, helping local children and adults gain confidence in conversing in English at various levels of competency.

During my time in King's College London, I held the following positions on Committees:

- Social Secretary (King's LINKS, St. John Ambulance)
- Event's Secretary (KCL Emergency Medical Society)
- Biomedical Secretary (KCL Emergency Medical Society)
- Play Volunteer Team Leader (KCL Paediatrics Society)

As a trained first aider, I volunteered at over 20 events during my time with the division.

While working with KCL Emergency Medical Society, we organized 2 national conferences with workshops on practical aspects of emergency medical care for students of medicine, nursing and paramedical services. In addition, we ran a series of meeting and







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workshops throughout the academic years promoting essential clinical skills and knowledge.

During my time with KCL Paediatrics I worked on the development and implementation of the Play Volunteer scheme. We recruited students and vetted them for work in the paediatric wards of the King's College Hospital. This scheme was highly successful and subsequent research we presented as a poster in 2012 at a conference in London showed substantial benefits to inpatient child health.

BOOK PUBLICATION & COMPANY

I have published an introductory textbook for students and junior healthcare practitioners on fundamental, but practical, medical ethics. It is titled: "Beyond Right and Wrong" and was co-authored by my friend and mentor, Professor Maria Giovanna Ruberto, MD, PhD. The book aims to give a solid foundation of duties and principles to readers, as well as context to approach the many ethical dilemmas in clinical fields and beyond. As a text, it is aimed not only at doctors, but also nurses and other professionals involved in patient care.

I have established a company in Ireland called Medical Bioethics LTD which represents my academic publications and teaching work. Ongoing projects through this company include video series on introductory medical ethics and a second on advanced medical ethics, and three ongoing publication projects on various ethical topics. I am the Managing Director of the company.

I declare no conflict of interest with my clinical practice.







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REFERENCES

Mr Fintan Doyle, MB BCh BAO, FRCSI, MSc

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