

Dr Jordan Burgess

MBChB (Honours), FRCPath, MRCP (UK), M.Math (Honours), M.Phys (Honours), M.Phil (Cantab)

Consultant Haematologist | Expert Witness

Expert Witness Profile

Consultant Haematologist with subspecialty expertise in haemostasis, thrombosis, haemoglobinopathies, and malignant haematology. Experienced in providing **independent expert opinion** through evidence-based analysis of complex clinical care pathways and assessment of whether management meets accepted UK standards of care.

Regularly involved in formal investigation of adverse clinical outcomes through Serious Adverse Event reviews, Root Cause Analysis, and complaints investigations within a large tertiary NHS teaching hospital.

Provides objective opinions addressing:

- Standard of care and breach analysis
- Causation and contribution to harm
- Prognostication
- Clinical chronology reconstruction
- Guideline compliance assessment
- Diagnostic delay and management decisions
- Interpretation of haematological investigations

Rare multidisciplinary background in Medicine, Mathematics, and Physics. Specialised in synthesising high-complexity clinical data into objective, evidence-based reports.

Understands the duties of an expert witness and the overriding obligation to provide impartial opinions to the Court in accordance with **CPR Part 35**.

Expert Witness Training & Accreditation

University of Aberdeen – Expert Witness Certificate (delivered in association with Bond Solon) — *Currently undertaking; expected completion 2026*

Formal training covering duties of the expert witness, Civil Procedure Rules (CPR Part 35), medico-legal report writing, independence and impartiality obligations, and giving evidence in court including cross-examination skills.

Training undertaken to support preparation of court-compliant expert reports and provision of independent opinion.

Areas of Medicolegal Expertise

Thrombosis & Thrombophilia

- Venous thromboembolism (DVT, PE)
- Recurrent thrombosis and thrombosis risk assessment
- Inherited thrombophilias (e.g. Factor V Leiden, prothrombin gene mutation, protein C/S deficiency, antithrombin deficiency)
- Antiphospholipid syndrome

- Cancer-associated thrombosis
- Thrombosis in pregnancy and postpartum
- Heparin-induced thrombocytopenia with thrombosis (HITT)
- Thrombotic thrombocytopenic purpura (TTP)

Anticoagulation

- DOACs, warfarin, LMWH management
- Peri-procedural anticoagulation management
- Bleeding complications of anticoagulation
- Anticoagulation in renal impairment and complex patients

Bleeding Disorders

- Haemophilia A and B & rarer clotting factor deficiencies
- von Willebrand disease
- Platelet function disorders
- Acquired bleeding disorders

Haemoglobinopathies

- Sickle cell disease (including vaso-occlusive crises, acute chest syndrome)
- Thalassaemia syndromes
- Transfusion-related complications
- Iron overload & iron chelation

Transfusion Medicine

- Acute haemolytic transfusion reactions (e.g. ABO incompatibility)
- Delayed haemolytic transfusion reactions and alloimmunisation
- Febrile non-haemolytic transfusion reactions
- Transfusion-associated circulatory overload (TACO)
- Transfusion-related acute lung injury (TRALI)
- Anaphylactic and severe allergic transfusion reactions
- Transfusion-transmitted infection (bacterial contamination, viral risk)
- Blood product selection and appropriateness
- Massive transfusion protocols
- Monitoring, recognition, and management of transfusion reactions
- Investigation of suspected transfusion-related adverse events

Diagnostic Haematology

- Anaemia (iron deficiency, haemolytic anaemia, B12/folate deficiency)
- Thrombocytopenia (including ITP, TTP, HIT)
- Neutropenia and bone marrow failure syndromes
- Interpretation of laboratory investigations and diagnostic pathways

Haematological Malignancy

- Acute and chronic leukaemias (including AML, ALL, CML, and CLL)
- Multiple myeloma and plasma cell disorders (including AL amyloidosis)
- Lymphomas, including common subtypes (e.g. diffuse large B-cell lymphoma, follicular lymphoma, Hodgkin lymphoma), with experience in diagnosis, staging, and management
- Myelodysplastic Syndromes & Myeloproliferative Neoplasms (MDS/MPN)
- Complications of chemotherapy and treatment-related toxicity

Systems, Standards & Governance

- Diagnostic delay and missed diagnosis
- Guideline adherence and deviation from standard of care
- Clinical decision-making and referral pathways
- Systems failure and organisational factors

Serviced Provided

I provide independent medico-legal reports in haematology, including:

- Breach of duty and standard of care assessment
- Causation analysis
- Prognosis and condition reporting
- Screening and preliminary reports
- Joint statements and expert meetings
- Court attendance when required

Current Appointment

Consultant Haematologist — Queen Elizabeth University Hospital, NHS Greater Glasgow & Clyde

March 2025 – Present

Consultant at one of Europe's largest tertiary teaching hospitals delivering specialist care across malignant and benign haematology.

Subspecialist expertise:

- Haemostasis & thrombosis
- Haemoglobinopathies
- Complex diagnostic haematology

Maintains active clinical practice including inpatient, outpatient, and on-call haematology responsibilities.

Additional Roles and Responsibilities:

- Chair, Thrombosis Multidisciplinary Team (MDT)
- Chair, Local Thrombosis Committee, overseeing anticoagulation practice and thrombosis management pathways

Medicolegal Investigation & Clinical Governance Experience

Extensive experience conducting forensic clinical reviews including:

Serious Adverse Event & Root Cause Analysis

- Identification of systemic and individual clinical failures
- Determination of causative and contributory factors
- Development of evidence-based recommendations to reduce recurrence

Complaints Investigation

- Lead investigator synthesising complex medical records into clear, structured clinical narratives
- Preparation of formal responses addressing alleged deviations from accepted standards of care

Incident Investigation (DATIX)

- Independent evaluation of clinical incidents
- Assessment of adherence to national guidelines, local protocols, and standards of care

Guideline Authorship

- Primary author of a regional thrombophilia testing guideline, addressing inappropriate investigation, diagnostic error, and variation in clinical practice

- Development of GP referral pathways, improving appropriateness, triage efficiency, and timeliness of specialist haematology assessment

Research Leadership & Registry Involvement

- **Principal Investigator for the national TTP registry**, contributing to data collection and clinical research in thrombotic thrombocytopenic purpura (TTP)

Regulatory & Quality Assurance Experience

- Practice within **UKAS-accredited laboratories**
- Interpretation of **NEQAS external quality assurance**
- Blood transfusion governance under **Blood Safety and Quality Regulations (BSQR)**
- **SOP authorship and audit**

Education & Professional Memberships

- **FRCPath**, Royal College of Pathologists
- **MRCP (UK)**, Member of the Royal College of Physicians
- **MBChB (Honours)** — University of Dundee
- **General Medical Council** — Full Registration with Licence to Practise
- **MPhil Medical Physics (Distinction)** — University of Cambridge
- **M.Math & M.Phys (Double First Class Honours)** — University of Bristol

Prizes

- MBChB with honours, University of Dundee, 2016
- Lloyd Turton Prize in Surgery, University of Dundee, 2016
- Best Practice Award 2015, Primary Care Cardiovascular Journal, 2015
- Duke Elder Ophthalmology Prize, Royal Society of Ophthalmology, 2015
- Dow Prize in Anatomy, University of Dundee, 2012
- Sir Nevill Mott Award in Mathematics and Physics, University of Bristol, 2008

Publications

- Burgess J. "An unusual case of paroxysmal cold haemoglobinuria in a middle aged female". *British Journal of Haematology*, October 2024.
- Burgess J, Hendry F, Bagot C, Doherty B. "Catastrophic venous and arterial thrombosis in a young female with cervical cancer". *eJHaem*, 2024.
- Burgess J, Bain B, Leach M, McIlwaine L. "Granular Mott Cells in multiple myeloma". *American Journal of Hematology*, 2021.
- Burgess J. "Double trouble: a case of an ataxic young man with coeliac disease and cerebrotendinous xanthomatosis". *British Medical Journal*, 2021.
- Burgess J, Leese G, Broughton P. "Seasonal variation of HbA1c". *Primary Care Cardiovascular Journal*, 2016.