

DR LAURA GREEN

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GMC Nr: 5201899
GCP training: 15 October 2020

POSTGRADUATE QUALIFICATIONS

August 2016 **MSc in Healthcare Research Methods (Distinction)**, Queen Mary University London
 July 2015 **FRCP** (Fellow of the Royal College of Physicians)
 2011 **MD(Res)** Doctor of Medicine by Research, University College London, London
 June 2008 **FRCPATH** (Fellow of the Royal College of Pathologists) - London
 November 2003 **MRCP** (Member of the Royal College of Physicians) – UK

PROFESSIONAL MEMBERSHIPS & COMMITTEE BOARDS

- Editorial Board for International Collaboration for Transfusion Medicine Guidelines.
- Editorial Board for Transfusion Clinique et Biologique Journal (French Society of Blood transfusion)
- Editorial Board of Blood Reviews Journal as specialist for Transfusion Medicine, USA.
- Member of International Society for Blood Transfusion Committee, Clinical Working Party.
- Member of British Society for Haematology Committee Guideline, Transfusion Task Force Group.
- Member of the National Standing Advisory Committee on Blood Components, UK.
- Member of the National Blood Transfusion Committee, UK.
- Member of the British Society of Haemostasis and Thrombosis Committee Board.

CURRENT POST(S)

2020 – present **Principal Investigator in Transfusion Research and Innovation**
 NHS Blood & Transplant
 2018 - Present **Senior Clinical Lecturer in Transfusion Research & Innovation**
 Blizard Institute, Queen Mary University of London.
 2018 –Present **Consultant in Haemostasis and Transfusion Medicine**
 NHS Blood & Transplant and Barts Health NHS Trust

RESEARCH INTERESTS

As an academic, my research remit focuses on improving the evidence base upon which to promote the appropriate use of blood transfusion for the treatment of acquired bleeding disorders, such as those associated with trauma, cardiac surgery, obstetrics and oral anticoagulant agents.

My main interest is in pragmatic randomised controlled trials and translation research related to blood components. I am working to bridge laboratory research and clinical work by developing new blood component and bringing them into clinical practice by performing clinical trials that will improve the evidence-based medicine of appropriate use of blood components for management of acquired bleeding disorders.

Since 2013 I have been awarded over £15 million to perform clinical studies/trials.

KEY PUBLICATIONS

- Tucker H, Avery P, Brohi K, Davenport R, Griggs J, Weaver A, **Green L**. Outcome measures used in clinical research evaluating pre-hospital blood component transfusion in traumatically injured bleeding patients: A systematic review. *The Journal of Trauma and Acute Care Surgery*, 12 Jul 2021,

DOI: 10.1097/ta.0000000000003360

- **Green L**, Roberts N, Cooper J, Agarwal S, Brunskill S, Chang I, Gill R, Johnston, Klein A, Platton S, Rossi A, Sepehrpou A, Stanworth S, Monk V, O'Brien B. Prothrombin complex concentrate vs. fresh frozen plasma in adult patients undergoing heart surgery – a pilot randomised controlled trial (PROPHESY trial). *Anaesthesia* 2021: DOI: 10.1111/anae.15327
- **Green L**, Daru J, Dodds J, et al. Effect of early cryoprecipitate transfusion versus standard care in women who develop severe postpartum haemorrhage (ACROBAT) in the UK: a protocol for a pilot cluster randomised trial. *BMJ Open* 2020;10:e036416. doi:10.1136/bmjopen-2019-036416
- Avery P, Morton S, Tucker H, **Green L**, Weaver A, Davenport R. Whole blood transfusion versus component therapy in adult trauma patients with acute major haemorrhage. *Emergency Medicine Journal*: May 2020. doi: 10.1136/emmermed-2019-209040
- Cole E, Weaver A, Gall L, West A, Nevin D, Tallach R, O'Neill B, Lahiri S, Allard S, Tai N, Davenport R, **Green L**, Brohi K. A Decade of Damage Control Resuscitation: New Transfusion Practice, New Survivors, New Directions. *Ann Surg.* 2019 Oct 22. doi: 10.1097/SLA.0000000000003657
- **Green L**, Tan J, Morris JK, Alikhan R, Curry N, Everington T, Mclean R, Saja K, Stanworth S, Tait C, MacCallum P. Haematological management of major bleeding associated with direct oral anticoagulants - UK experience. *Br J Haematol.* 2019 May;185(3):514-522
- Rehn M, Weaver A, Brohi K, Eshelby S, **Green L**, and Lockey DJ. Effect of pre-hospital red blood cell transfusion on mortality and time of death in civilian trauma patients. *Shock.* 2019 Mar;51(3):284-288
- **Green L**, Tan J, Morris JK, Alikhan R, Curry N, Everington T, Mclean R, Saja K, Stanworth S, Tait C, MacCallum P. A three-year prospective study of the presentation and clinical outcomes of major bleeding episodes associated with oral anticoagulant use in the UK (ORANGE study). *Haematologica.* 2018 2018 Apr;103(4):738-745
- **Green L**, Tan J, Grist C, Kaur M, MacCallum P. Aetiology and outcome of massive transfusion in two large London teaching hospitals over a 3-year period (2012-2014). *Transfus Med.* 2017 Oct;27 Suppl 5:342-347
- **Green L**, Backholer L, Wiltshire M, Platton S, Stanworth SJ, Cardigan R. The haemostatic properties of thawed pooled cryoprecipitate up to 72 hours. *Transfusion.* 2016 Jun;56(6):1356-61.
- **Green L**, Knight M, Seeney F.M, Hopkinson C, Collins P.W, Collis R.E, Simpson N.A.B., Weeks A, Stanworth S. The haematological features and transfusion management of women who required massive transfusion for major obstetric haemorrhage in the UK: a population based descriptive study. *Br J Haematol.* 2016 Feb;172(4):616-24
- **Green L**, Knight M, Seeney F.M, Hopkinson C, Collins P.W, Collis R.E, Simpson N.A.B., Weeks A, Stanworth S. The epidemiology and outcomes of women with postpartum haemorrhage requiring massive transfusion with eight or more units of red cells: a national cross-sectional study. *BJOG.* 2016 Dec;123(13):2164-2170
- Curry N, Rourke C, Davenport R, Beer S, Pankhurst L, Deary A, Thomas H, Llewelyn C, **Green L**, Doughty H, Nordmann G, Brohi K, Stanworth S. Early cryoprecipitate for major haemorrhage in trauma: a randomised controlled feasibility trial. *Br J Anaesth.* 2015 Jul;115(1):76-83.
- **Green L**, Lawrie A.S., Patel R., Stephens R.C.M., Mackie I.J., Chitolie A., Haddad F.S., Machin S.J. The effect of total hip/knee replacement surgery and prophylactic Dabigatran on thrombin generation and coagulation parameters. *Thromb Res.* 2012 Nov;130(5):775-9
- **Green,L.** Lawrie,A.S., Patel,S., Hossain,F., Chitolie,A., Mackie,I.J., Haddad,F.S., Machin,S.J. The impact of elective knee/hip replacement surgery and thromboprophylaxis with Rivaroxaban or Dalteparin on Thrombin Generation. *Br. J Haematol*, 2010; 151(5):469-76.
- Lawrie,A.S., **Green,L**, Mackie,I.J., Liesner,R., Machin,S.J., Peyvandi,F. FXIII –An Under Diagnosed Deficiency. Are we using the right assay? *J Thromb Haemost*, 2010; 8(11):2478-82

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