

GREG IRVING, MA (Cantab) MSc (Oxon) MPH PhD PFPH FRCGP FAcadMed  
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## Biography

Greg is an academic General Practitioner with an interest in primary care research and medical education. He has received three consecutive personal National Institute for Health Research (NIHR) Fellowships including a Academic Clinical Fellow, Doctoral and Academic Clinical Lecturer awards. He completed his medical training in Nottingham before going onto postgraduate studies in Oxford and Liverpool then worked as a Clinical Lecturer in Cambridge. He has also previously studied as a Global Clinical Scholar at Harvard University. Clinically Greg works as a General Practitioner and Consultant in Primary Care in St.Helens and is also a MERIT doctor for the North West Ambulance Service.

## Employment

### Reader in General Practice

Medical School  
Edge Hill University  
30 Jul 2020 → present

## Research outputs

### Digital maturity and its determinants in General Practice: A cross-sectional study in 20 countries

IRVING, GREG., 13 Jan 2023, In: *Frontiers in Public Health*. 10, 962924.

### Molnupiravir plus usual care versus usual care alone as early treatment for adults with COVID-19 at increased risk of adverse outcomes (PANORAMIC): an open-label, platform-adaptive randomised controlled trial

IRVING, GREG., 23 Dec 2022, In: *The Lancet*.

### Psychometric and biomedical outcomes of glycated haemoglobin target-setting in adults with type 1 and type 2 diabetes: Protocol for a mixed-methods parallel-group randomised feasibility study

Westall, S. J., Watmough, S., Narayanan, R. P., Irving, G. & Hardy, K., 27 Oct 2022, In: *PLoS One*. 17, 10, p. 1-15 e0275980.

### Primary Care Networks (PCNs) Maturity Impact Evaluation: Report for Lancashire and South Cumbria ICS

KAEHNE, AXEL., ROBERTS, LOUISE., Simcock, T., IRVING, GREG., Grimwood, T. & FEATHER, JULIE., 30 Sept 2022, Ormskirk, England : Edge Hill University. 20 p.

### Prevention and Promotion of Better Mental Health Fund Evaluation: Final Report for St Helens Borough Council

KAEHNE, AXEL., ROBERTS, LOUISE., IRVING, GREG., LIVERPOOL, SHAUN. & FEATHER, JULIE., Jun 2022, Ormskirk, England : Edge Hill University. 26 p.

### General practitioners' perceptions of using virtual primary care during the COVID-19 pandemic: An international cross-sectional survey study

Li, E., Tsopra, R., Gimenez, G. L., Serafini, A., Gusso, G., Lingner, H., Fernandez, M. J., IRVING, GREG., Petek, D., Hoffman, R., Lazic, V., Ensieh, M., Koskela, T., Collins, C., Milena Espitia, S., Claveria, A., Nessler, K., O'Neill, B. G., Hoedebecke, K., Ungan, M., & 7 others Laranjo, L., Ghafur, S., Fontana, G., Majeed, A., Car, J., Darzi, A. & Neves, A. L., 16 May 2022, In: *PLOS Digital Health*. p. 1-23

### The individualisation of glycaemic targets in response to patient characteristics in type 2 diabetes: a scoping review

Westall, S., Narayanan, R. P., WATMOUGH, SIMON., IRVING, GREG., Furlong, N., McNulty, S., Bujawansa, S. & HARDY, KEVIN., 20 Apr 2022, (E-pub ahead of print) In: *Clinical Medicine*.

### What next for COVID Oximetry and virtual ward?

Irving, G. & Neves, L., 1 Sept 2021, In: *The British journal of general practice : the journal of the Royal College of General Practitioners*. 71, 710, p. 425-426 2 p.

**Cognitive behavioural approaches for managing dyspnoea in people with chronic obstructive pulmonary disease (COPD)**  
Kelly, C. A., HAMER, OLIVER., IRVING, GREG., Jones, K., KNIGHTING, KATHERINE., Wat, D. & SPENCER, SALLY., 4 Aug 2021, In: Cochrane Database of Systematic Reviews. 2021, 8, CD014957.

**Interventions to improve inhaler technique for adults with chronic obstructive pulmonary disease**  
SPENCER, SALLY., HAMER, OLIVER., Berger, E., BOOTH, ANDREW., IRVING, GREG., OWEN, MICHAEL., RELPH, NICOLA., Usmani, O. & Kelly, C. A., 19 Jul 2021, In: Cochrane Database of Systematic Reviews. 2021, 7, 14 p., CD014956.

**Perspectives on expert generalist practice among Japanese family doctor educators: A qualitative study**  
Kaneko, M., Oishi, A., Sawa, N., IRVING, GREG. & Fujinuma, Y., 13 Apr 2021, In: BJGP Open. BJGPO.2021.0011.

**Evaluation of a 'drop box' doorstep assessment service to aid remote assessments for COVID-19 in general practice**  
IRVING, GREG., 29 Mar 2021, In: BMJ Open Quality. 10, 1, 001081.

**The MRCGP Recorded Consultation Assessment: time to drop 10 minutes as standard?**  
Irving, G., 1 Feb 2021, In: British Journal of General Practice. 71, 703, p. 71 1 p.

**Patient-reported outcomes after 10-year follow-up of intensive, multifactorial treatment in individuals with screen-detected type 2 diabetes: the ADDITION-Europe trial**  
IRVING, GREG., 1 Sept 2020, In: Diabetic Medicine. 37, 9, p. 1509-1518 10 p.

**Rethinking role models in general practice**  
Holden, J., Cox, S. & Irving, G., 1 Sept 2020, In: British Journal of General Practice. 70, 698, p. 459-460 2 p.

**Behaviour change, weight loss and remission of Type 2 diabetes: a community-based prospective cohort study**  
Dambha-Miller, H., Day, A. J., Strelitz, J., Irving, G. & Griffin, S. J., 1 Apr 2020, In: Diabetic Medicine. 37, 4, p. 681-688 8 p.

**Long-term effects of intensive multifactorial therapy in individuals with screen-detected type 2 diabetes in primary care: 10-year follow-up of the ADDITION-Europe cluster-randomised trial**  
Griffin, S. J., Rutten, G. E. H. M., Khunti, K., Witte, D. R., Lauritzen, T., Sharp, S. J., Dalsgaard, E-M., Davies, M. J., Irving, G. J., Vos, R. C., Webb, D. R., Wareham, N. J. & Sandbæk, A., 31 Dec 2019, In: The Lancet Diabetes and Endocrinology. 7, 12, p. 925-937 13 p.

**Hepatitis A immunisation in persons not previously exposed to hepatitis A**  
Irving, G. J., Holden, J., Yang, R. & Pope, D., 17 Dec 2019, In: Cochrane Database of Systematic Reviews. 2019, 12, CD009051.

**Hepatitis A immunisation in persons not previously exposed to Hepatitis A (Protocol)**  
IRVING, GREG., 10 Dec 2019, In: Cochrane Database of Systematic Reviews. 12, p. 1-15 15 p., CD013500.

**Building primary care in Japan: Literature review**  
Kato, D., Ryu, H., Matsumoto, T., Abe, K., Kaneko, M., Ko, M., Irving, G., Ramsay, R. & Kondo, M., 30 Sept 2019, In: Journal of General and Family Medicine. 20, 5, p. 170-179 10 p.

**Moderate weight change following diabetes diagnosis and 10 year incidence of cardiovascular disease and mortality**  
Strelitz, J., Ahern, A. L., Long, G. H., Hare, M. J. L., Irving, G., Boothby, C. E., Wareham, N. J. & Griffin, S. J., 31 Aug 2019, In: Diabetologia. 62, 8, p. 1391-1402 12 p.

**The day we met Julian Tudor Hart**  
Irving, G. & Holden, J., 1 Sept 2018, In: British Journal of General Practice. 68, 674, p. 415 1 p.

### **Metformin in non-diabetic hyperglycaemia: the GLINT feasibility RCT**

Griffin, S. J., Bethel, M. A., Holman, R. R., Khunti, K., Wareham, N., Brierley, G., Davies, M., Dymond, A., Eichenberger, R., Evans, P., Gray, A., Greaves, C., Harrington, K., Hitman, G., Irving, G., Lessels, S., Millward, A., Petrie, J. R., Rutter, M., Sampson, M., & 2 others Sattar, N. & Sharp, S., 30 Apr 2018, In: Health Technology Assessment. 22, 18, p. 1-64 64 p.

### **Patients' views on interactions with practitioners for type 2 diabetes: a longitudinal qualitative study in primary care over 10 years**

Dambha-Miller, H., Silarova, B., Irving, G., Kinmonth, A. L. & Griffin, S. J., Jan 2018, In: British Journal of General Practice. 68, 666, p. e36-e43

### **International variations in primary care physician consultation time: a systematic review of 67 countries**

Irving, G., Neves, A. L., Dambha-Miller, H., Oishi, A., Tagashira, H., Verho, A. & Holden, J., 8 Nov 2017, In: BMJ Open. 7, 10, p. e017902 e017902.

### **Impact of metformin on cardiovascular disease: a meta-analysis of randomised trials among people with type 2 diabetes**

Griffin, S. J., Leaver, J. K. & Irving, G. J., 1 Sept 2017, In: Diabetologia. 60, 9, p. 1620-1629 10 p.

### **Should we screen for atrial fibrillation?**

Lown, M., Garrard, J., Irving, G., Edwards, D., Hobbs, F. R. & Mant, J., 1 Jul 2017, In: British Journal of General Practice. 67, 660, p. 296-297 2 p.

### **The ecology of medical care on an isolated island in Okinawa, Japan: a retrospective open cohort study**

Kaneko, M., Matsushima, M. & Irving, G., 14 Jan 2017, In: BMC Health Services Research. 17, 1, p. 37 37.

### **Which cuff should I use? Indirect blood pressure measurement for the diagnosis of hypertension in patients with obesity: a diagnostic accuracy review**

Irving, G., Holden, J., Stevens, R. & McManus, R. J., 3 Nov 2016, In: BMJ Open. 6, 11, p. e012429 e012429.

### **Interventions to increase or decrease the length of primary care physicians' consultation**

Wilson, A. D., Childs, S., Gonçalves-Bradley, D. C. & Irving, G. J., 25 Aug 2016, In: Cochrane Database of Systematic Reviews. 2016, 8, p. CD003540 CD003540.

### **After Achilles**

Irving, G. & Holden, J., 1 May 2016, In: British Journal of General Practice. 66, 646, p. 238 1 p.

### **The AGREE Reporting Checklist is useful for assessing the quality of clinical practice guideline development**

Irving, G., 12 Apr 2016, In: British Medical Journal (BMJ). 353, p. i2027 i2027.

### **Do you understand how your health system works? from Beveridge to Bismark a Whistle -stop Tour of European Health Systems**

Wievinga, S., Pettigrew, L., Kumpunen, S. & IRVING, GREG., 5 Nov 2015, *WONCA: World book of Family Medicine*. European Edition 2015 ed. Istanbul, p. 94-96

### **Adjustment and adaptation in patients with chronic heart failure at the end of life**

IRVING, GREG., 2 Sept 2015, University of Liverpool.

### **The meaning of suffering in patients with advanced progressive cancer**

Ellis, J., Cobb, M., O'Connor, T., Dunn, L., Irving, G. & Lloyd-Williams, M., Sept 2015, In: Chronic Illness. 11, 3, p. 198-209 12 p.

### **Pharmacological agents for the prevention of vestibular migraine**

Maldonado Fernández, M., Birdi, J. S., Irving, G. J., Murdin, L., Kivekäs, I. & Strupp, M., 21 Jun 2015, In: Cochrane Database of Systematic Reviews. 6, p. CD010600

**Colchicine for pericarditis**

Alabed, S., Cabello, J. B., Irving, G. J., Qintar, M. & Burls, A., 28 Aug 2014, In: Cochrane Database of Systematic Reviews. 8, p. CD010652

**Cardiovascular disease and cancer compete for the outcome of death**

Irving, G., 19 Aug 2014, In: British Medical Journal (BMJ). 349, p. g5227

**From patient uncertainty to WHO policy in two years: a GP's experience of preparing and maintaining a Cochrane review**

Irving, G., Mar 2014, In: European Journal of General Practice. 20, 1, p. 74-7 4 p.

**Examining the practice of generalist expertise: a qualitative study identifying constraints and solutions**

Reeve, J., Dowrick, C. F., Freeman, G. K., Gunn, J., Mair, F., May, C., Mercer, S., Palmer, V., Howe, A., Irving, G., Shiner, A. & Watson, J., Dec 2013, In: JRSM Short Reports. 4, 12, p. 2042533313510155

**Chronic heart failure guidelines: Do they adequately address patient need at the end-of-life?**

Irving, G., Edwards, J., Reeve, J., Dowrick, C. & Lloyd-Williams, M., 3 Oct 2013, In: International Journal of Cardiology. 168, 3, p. 2304-2309 6 p.

**NAPCRG 2012: reflections from across the pond.**

Welsh, VK., Irving, GJ. & Blane, DN., 1 Aug 2013, In: The British journal of general practice : the journal of the Royal College of General Practitioners. 63, 613, p. 428-9

**The time-efficiency principle: time as the key diagnostic strategy in primary care**

Irving, G. & Holden, J., Aug 2013, In: Family Practice. 30, 4, p. 386-9 4 p.

**Measures of promptness of cancer diagnosis in primary care**

Irving, G. & Holden, J., 1 May 2013, In: British Journal of Cancer. 108, 10, p. 2186 1 p.

**Global health: time for full integration into GP education**

Watson, J., Shiner, A., Pettigrew, L. M. & Irving, G., May 2013, In: British Journal of General Practice. 63, 610, p. 271-2 2 p.

**The John Henry effect**

Irving, G. & Holden, J., 2 Apr 2013, In: British Medical Journal (BMJ). 346, p. f1804

**VdGM: Vasco da Gama Movement**

Lygidakis, C. & Irving, G., 1 Mar 2013, In: European Journal of General Practice. 19, 1, p. 65-66 2 p.

**Dismantling Lord Moran's ladder: the primary care expert generalist**

Reeve, J., Irving, G. & Freeman, G., 1 Jan 2013, In: British Journal of General Practice. 63, 606, p. 34-5 2 p.

**Long-term protective effects of hepatitis A vaccines. A systematic review**

Ott, J. J., Irving, G. & Wiersma, S. T., 17 Dec 2012, In: Vaccine. 31, 1, p. 3-11 9 p.

**Global health in the UK's GP postgraduate curriculum**

Irving, G., Riley, B., Rughani, A., Pettigrew, L., Watson, J., Shiner, A., Hibble, A. & Allen, J., 10 Nov 2012, In: The Lancet. 380, 9854, p. 1646-7 2 p.

**Do GPs really provide 47 minutes a year for the patient?**

Irving, G. & Reeve, J., Aug 2012, In: British Journal of General Practice. 62, 601, p. 404-5 2 p.

### **Hepatitis A immunisation in persons not previously exposed to hepatitis A**

Irving, G. J., Holden, J., Yang, R. & Pope, D., 11 Jul 2012, In: Cochrane Database of Systematic Reviews. 7, p. CD009051

### **15 minute consultations as standard benefit patients and GPs**

Irving, G. J. & Holden, J., 1 Jun 2012, In: BMJ (Online). 344, 7862, e3704.

### **Calling time on the 10-minute consultation**

Irving, G. & Holden, J., 31 May 2012, In: British Journal of General Practice. 62, 598, p. 238-9 2 p.

### **A pause for thought: reflections on the 2011 SAPC Annual Conference**

Reeve, J., Abholz, H., Bailey, T., Bates, E., Bond, C., Chauhan, U., Eldridge, S., Irving, G., Keong, D., Mughal, F., Nicum, S., Singh, S., Taylor, C. & Younie, L., 31 Oct 2011, In: Primary health care research & development. 12, 4, p. 393-4 2 p.

### **Can generalism help revive the primary healthcare vision?**

Reeve, J., Irving, G. & Dowrick, C. F., 3 Oct 2011, In: Journal of the Royal Society of Medicine. 104, 10, p. 395-400 6 p.

### **The Prevalence of Depression in People with Cancer**

IRVING, GREG., 31 Dec 2010, *Depression and Cancer*. Wiley

### **Academic General Practice Training in the UK-what is it All about?**

Taylor, C. & Irving, G., 1 Sept 2010, In: InnovAiT: Education and inspiration for general practice. 3, 9, p. 549-552 4 p.

### **Depression in advanced cancer- ClinicalKey**

Irving, G. & LLoyd-Williams, M., 1 Aug 2010, In: European Journal of Oncology Nursing. 14, 5, p. 395-399 5 p.

### **The educational benefits of a federation of four training practices**

Hargreaves, S., Irving, G. & Holden, J., 31 Mar 2010, In: Education for Primary Care. 21, 2, p. 114-5 2 p.

### **CapA, an autotransporter protein of Campylobacter jejuni, mediates association with human epithelial cells and colonization of the chicken gut**

Ashgar, S. S. A., Oldfield, N. J., Wooldridge, K. G., Jones, M. A., Irving, G. J., Turner, D. P. J. & Ala'Aldeen, D. A. A., 31 Mar 2007, In: Journal of Bacteriology. 189, 5, p. 1856-65 10 p.

## **Prizes**

### **RCGP Fit for Future conference best poster - COVID-19 category**

IRVING, GREG (Recipient), 12 Feb 2021

### **RCGP / SAPC John Fry award**

IRVING, GREG (Recipient), 12 Jul 2021

### **Yvonne Carter award for Primary Care Research**

IRVING, GREG (Recipient), 2015