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Employment

Director (CHaRT)

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Aberdeen Centre for Evaluation
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1 Aug 2017 → present

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University of Aberdeen
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Institute of Applied Health Sciences

University of Aberdeen
1 Jan 2001 → present

Research outputs

Effectiveness and cost-effectiveness of text message and financial incentives for weight management in men with obesity: The Game of Stones RCT

Macaulay, L. (Corresponding Author), O'Dolan, C., Dombrowski, S., Swingler, J., Cotton, S., Avenell, A., Boyers, D., Getaneh, A. M., Gray, C., Hunt, K., Kee, F., MacLean, A., McKinley, M., Torrens, C., Turner, K., van der Pol, M., MacLennan, G. & Hoddinott, P., 1 May 2026, In: Public Health Research. 14, 10, 46 p.

Comparing the clinical and cost-effectiveness of various washout policies in preventing catheter associated complications in adults living with long-term catheters: synopsis of the CATHETER II RCT

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Reply to Zhihao Lei's Letter to the Editor re: Oliver Wiseman, Daron Smith, Kathryn Starr, et al. The PUrE Randomised Controlled Trial 1: Clinical and Cost-effectiveness of Flexible Ureterorenoscopy and Extracorporeal Shockwave Lithotripsy for Lower Pole Stones ≤ 10 mm. *Eur Urol* 2025;88:179–89

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PUrE Randomised Controlled Trial 2: Clinical and Cost Effectiveness of Flexible Ureterorenoscopy and Percutaneous Nephrolithotomy for Lower-pole Stones of 10–25 mm

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The PUrE Randomised Controlled Trial (RCT) 1: Clinical and cost-effectiveness of Flexible Ureterorenoscopy and Extracorporeal Shockwave Lithotripsy for lower pole stones ≤ 10 mm.

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Invasive urodynamic investigations in the management of women with refractory overactive bladder symptoms: FUTURE, a superiority RCT and economic evaluation

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CATHETER II, a Randomised Controlled Trial Comparing the Clinical and Cost Effectiveness of Various Washout Policies versus No Washout Policy in Preventing Catheter Associated Complications in Adults Living with Long Term Catheters

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Bisoprolol for patients with chronic obstructive pulmonary disease at high risk of exacerbation: the BICS RCT

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Invasive urodynamic investigations in the management of women with refractory overactive bladder symptoms (FUTURE) in the UK: a multicentre, superiority, parallel, open-label, randomised controlled trial

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Laparoscopic cholecystectomy versus conservative management for uncomplicated symptomatic gallstones: economic evaluation based on the C-GALL trial

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CATHETER II: a randomised controlled trial comparing the clinical and cost effectiveness of various washout policies versus no washout policy in preventing catheter associated complications in adults living with long term catheters

Abdel-Fattah, M. (Corresponding Author), Omar, M. I., Johnson, D., Cooper, D., Constable, L., Tripathee, S., MacLennan, S., Dimitropoulos, K., Evans, S., Hashim, H., Kilonzo, M., Larcombe, J., Little, P., Murchie, P., Myint, P. K., N'Dow, J., Paterson, C., Powell, K., Scotland, G. & Thiruchelvam, N. & 4 others, Young, A., Cotton, S., Norrie, J. & MacLennan, G., Dec 2024, In: *BMJ Open*. 14, 12, 14 p., e087203.

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Patient and health care professionals' perception of weekly prophylactic catheter washout in adults living with long-term catheters: Qualitative Study of the CATHETER II Trial

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Text Messages With Financial Incentives for Men With Obesity: A Randomized Clinical Trial

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Laparoscopic cholecystectomy versus conservative management for adults with uncomplicated symptomatic gallstones: the C-GALL RCT

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Devereux, G. (Corresponding Author), Cotton, S., Nath, M., McMeekin, N., Campbell, K., Chaudhuri, R., Choudhury, G., De Soya, A., Fielding, S., Gompertz, S., Haughney, J., Lee, A. J., MacLennan, G., Morice, A., Norrie, J., Price, D., Short, P., Vestbo, J., Walker, P. & Wedzicha, J. & 3 others, Wilson, A., Wu, O. & Lipworth, B. J., 19 May 2024, In: *JAMA*. 332, 6, p. 462-470 9 p.

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Projects

ADJUSTABLE SINGLE-INCISION MINI SLINGS VERSUS STANDARD TENSION FREE MID URETHRAL SLINGS IN THE SURGICAL MANAGEMENT OF FEMALE STRESS URINARY INCONTINENCE: A PRAGMATIC MULTICENTRE NON INFERIORITY RANDOMISED CONTROL TRIAL - THE SIMS TRIAL.

Abdel-Fattah, M. (Principal Investigator), Wardle, J. (Co-Investigator), McCormack, K. (Co-Investigator), Assassa, R. P. (Co-Investigator), Kilonzo, M. (Co-Investigator), MacLennan, G. (Co-Investigator), N'Dow, J. (Co-Investigator) & Norrie, J. D. T. (Co-Investigator)

1/12/13 → 31/05/19

CATHETER II STUDY - RANDOMISED CONTROLLED TRIAL COMPARING THE CLINICAL AND COST-EFFECTIVENESS OF VARIOUS WASHOUT POLICIES VERSUS NO WASHOUT POLICY IN PREVENTING CATHETER ASSOCIATED COMPLICATIONS IN ADULTS LIVING WITH LONG-TERM CATHETERS.

Abdel-Fattah, M. (Principal Investigator), Kilonzo, M. (Co-Investigator), MacLennan, G. (Co-Investigator), MacLennan, S. (Co-Investigator), Murchie, P. (Co-Investigator), Myint, P. (Co-Investigator), N'Dow, J. (Co-Investigator), Omar, M. I. (Co-Investigator) & Scotland, G. (Co-Investigator)

1/10/18 → 29/02/24

Clinical and cost-effectiveness of surgical options for the management of anterior and/or posterior vaginal wall prolapse: two randomised controlled trials within a Comprehensive Cohort Study

Reid, F. (Principal Investigator), Smith, A. R. (Co-Investigator), Bain, C. (Co-Investigator), McPherson, G. (Co-Investigator), Freeman, R. M. (Co-Investigator), McDonald, A. (Co-Investigator), Montgomery, I. (Co-Investigator), Grant, A. (Co-Investigator), MacLennan, G. (Co-Investigator), Norrie, J. (Co-Investigator), Cooper, K. (Co-Investigator), Vale, L. (Co-Investigator) & Hagen, S. (Co-Investigator)

1/09/09 → 30/04/20

Deep infiltrating endometriosis: management by medical treatment versus early surgery: DIAMOND

Cooper, K. (Principal Investigator), Clark, T. J. (Co-Principal Investigator), Amer, S. A. (Co-Investigator), Byrne, D. (Co-Investigator), Scotland, G. (Co-Investigator), Glamaleldin, I. (Co-Investigator), Smith, P. (Co-Investigator), Vashisht, A. (Co-Investigator), Horne, A. W. (Co-Investigator), MacLennan, G. (Co-Investigator), Gillies, K. (Co-Investigator), Murchie, P. (Co-Investigator) & Bhattacharya, S. (Co-Investigator)

1/01/21 → 30/04/25

Does Mellow Babies improve the psychosocial health of mothers and their children? The Mellow Babies Trial

Thompson, L. (Principal Investigator), MacBeth, A. (Co-Investigator), Marrayat, L. (Co-Investigator), Allison, T. (Co-Investigator), McGowan, I. (Co-Investigator), McTaggart, J. (Co-Investigator), Murdoch, B. (Co-Investigator), Simpson, C. (Co-Investigator), Wight, D. (Co-Investigator), MacLennan, G. (Co-Investigator), Law, J. (Co-Investigator), Norrie, J. (Co-Investigator) & Ternent, L. (Co-Investigator)

1/10/18 → 30/06/23

Follow up for PROSPECT Study

Reid, F. (Principal Investigator), Hemming, C. (Co-Investigator), Breeman, S. (Co-Investigator), Elders, A. (Co-Investigator), Forrest, M. (Co-Investigator), Kilonzo, M. (Co-Investigator), MacLennan, G. (Co-Investigator), Norrie, J. (Co-Investigator), Cooper, K. (Co-Investigator), Freeman, R. M. (Co-Investigator) & Hagen, S. (Co-Investigator)

1/08/21 → 31/07/28

(FUTURE STUDY) FEMALE URGENCY, TRIAL OF URODYNAMICS AS ROUTINE EVALUATION: A SUPERIORITY RANDOMISED CLINICAL TRIAL TO EVALUATE THE EFFECTIVENESS AND COST EFFECTIVENESS OF INVASIVE URODYNAMIC INVESTIGATIONS IN MANAGEMENT OF WOMEN WITH REFRACTORY OVERACTIVE BLADDER SYMPTOMS.

Abdel-Fattah, M. (Principal Investigator), MacLennan, G. (Co-Investigator) & Mostafa, A. (Co-Investigator)

1/05/17 → 31/01/25

(REBALANCE) Review of Behaviour And Lifestyle interventions for severe obesity: AN evidenCE synthesis

Avenell, A. (Principal Investigator), Boyers, D. (Co-Investigator), Webber, L. (Co-Investigator), Skea, Z. (Co-Investigator), MacLennan, G. (Co-Investigator), de Bruin, M. (Co-Investigator) & Aveyard, P. (Co-Investigator)

1/07/16 → 30/06/18

Selective decontamination of the digestive tract in critically ill patients in Intensive Care Units (the SuDDICU study)

Francis, J. (Principal Investigator), Bellingan, G. (Co-Investigator), Shulman, R. (Co-Investigator), Cuthbertson, B. H. (Co-Investigator), Ramsay, C. (Co-Investigator), MacLennan, G. (Co-Investigator), M Rowan, K. (Co-Investigator), Johnston, M. (Co-Investigator), Campbell, M. (Co-Investigator), Eccles, M. (Co-Investigator) & Wilson, P. (Co-Investigator)

1/10/10 → 31/03/12

SIMS TRIAL FOLLOW UP STUDY (FOLLOW UP TO RG11505):ADJUSTABLE ANCHORED SINGLE-INCISION MINI SLINGS VERSUS STANDARD TENSION FREE MIDURETHRAL SLINGS IN THE SURGICAL MANAGEMENT OF FEMALE STRESS URINARY INCONTINENCE: A PRAGMATIC MULTICENTRE NON-INFERIORITY RANDOMISED CONTROLLED TRIAL

Abdel-Fattah, M. (Principal Investigator), Cooper, D. (Co-Investigator), Davidson, T. (Co-Investigator), Kilonzo, M. (Co-Investigator), MacLennan, G. (Co-Investigator) & MacLennan, S. (Co-Investigator)

1/06/21 → 31/03/28

SPIROMAC SPIROMetry to Manage Asthma in Children

Turner, S. (Principal Investigator), Gaillard, E. A. (Co-Investigator), Kennington, E. (Co-Investigator), Aucott, L. (Co-Investigator), Cotton, S. (Co-Investigator), Sinha, I. (Co-Investigator) & MacLennan, G. (Co-Investigator)

1/08/21 → 31/07/25

The clinical and cost effectiveness of surgical interventions for stones in the lower pole of the kidney: the PuRE RCT - Percutaneous Nephrolithotomy (PNL), Flexible Ureterorenoscopy (FURS) and Extracorporeal Shockwave Lithotripsy (ESWL) for lower pole calyceal kidney stones

McClinton, S. (Principal Investigator), Turney, B. (Co-Investigator), Hernández, R. A. (Co-Investigator), Thomas, R. (Co-Investigator), MacLennan, S. (Co-Investigator), Clark, C. T. (Co-Investigator), Smith, D. (Co-Investigator), Thomas, D. (Co-Investigator), Anson, K. (Co-Investigator), Wiseman, O. (Co-Investigator), Lam, T. (Co-Investigator), Starr, K. (Co-Investigator), MacLennan, G. (Co-Investigator) & Pickard, R. (Co-Investigator)

1/12/15 → 28/02/23

The clinical effectiveness and cost-effectiveness of different surveillance mammography regimes after the treatment of primary breast cancer

Gilbert, F. J. (Principal Investigator), Burr, J. (Co-Investigator), Wilson, R. (Co-Investigator), Thomas, R. (Co-Investigator), Fraser, C. (Co-Investigator), de Verteuil, R. (Co-Investigator), MacLennan, G. (Co-Investigator), Dixon, J. E. (Co-Investigator), Vale, L. (Co-Investigator), Blamey, R. (Co-Investigator), Pinder, S. E. (Co-Investigator) & Heys, S. (Co-Investigator)

1/06/08 → 31/01/10

THERAPEUTIC INTERVENTIONS FOR STONES OF THE URETER (TISU): A PRAGMATIC MULTICENTRE RANDOMISED CONTROLLED TRIAL OF EXTRACORPOREAL SHOCKWAVE LITHOTRIPSY (ESWL) AT FIRST TREATMENT OPTION COMPARED WITH IMMEDIATE URETEROSCOPIC RETRIEVAL OF URETERIC STONES.

McClinton, S. (Principal Investigator), Kilonzo, M. (Co-Investigator), MacLennan, G. (Co-Investigator), MacLennan, S. (Co-Investigator), N'Dow, J. (Co-Investigator) & Thomas, R. (Co-Investigator)

1/03/13 → 31/08/18

THE UK RESUSCITATIVE ENDOVASCULAR BALLON OCCLUSION OF THE AORTA (UK-REBOA) STUDY.

Boyers, D. (Co-Investigator), Campbell, M. (Co-Investigator), MacLennan, G. (Co-Investigator) & Jansen, J. (Principal Investigator)

1/04/17 → 31/03/23

Types of urethral catheter for reducing symptomatic urinary tract infections in hospitalised adults requiring short-term catheterisation: multicentre randomised controlled trial of antibiotic and antiseptic impregnated urethral catheters

N'Dow, J. (Principal Investigator), Buckley, B. (Co-Investigator), Orr, K. (Co-Investigator), Lam, T. (Co-Investigator), Kilonzo, M. (Co-Investigator), Grant, A. (Co-Investigator), Glazener, C. M. A. (Co-Investigator), MacLennan, G. (Co-Investigator), Norrie, J. (Co-Investigator), Getliffe, K. (Co-Investigator), Vale, L. (Co-Investigator) & Pickard, R. (Co-Investigator)

1/02/07 → 30/09/11

Use of drug therapy in the management of symptomatic ureteric stones in hospitalised adults: multicentre placebo controlled randomised trial of calcium channel blockers (nifedipine) and alpha blockers (tamsulosin) - The SUSPEND trial

McClinton, S. (Principal Investigator), Wright, P. (Co-Investigator), Thomas, R. (Co-Investigator), Patel, U. (Co-Investigator), Clark, C. T. (Co-Investigator), Anson, K. (Co-Investigator), Burgess, N. (Co-Investigator), Lam, T. (Co-Investigator), McMullan, K. (Co-Investigator), Kilonzo, M. (Co-Investigator), Preminger, G. (Co-Investigator), MacLennan, G. (Co-Investigator), N'Dow, J. (Co-Investigator), Norrie, J. (Co-Investigator), Gillies, K. (Co-Investigator) & Pickard, R. (Co-Investigator)

1/06/10 → 31/10/14

Impacts

Aberdeen research prompts change in dental policy benefiting thousands of Scottish children

Ramsay, C. (Coordinator), Grimshaw, J. M. (Coordinator), MacLennan, G. (Coordinator), Clarkson, J. (Coordinator), Pitts, N. B. (Coordinator), Thomas, R. (Coordinator), Shirran, E. A. (Coordinator), Campbell, M. (Coordinator) & Mollison, J. A. (Coordinator)

Helping adults with obesity lose weight: providing a new evidence base and putting it into practice

Avenell, A. (Coordinator), MacLennan, G. (Participant), Boyers, D. (Participant) & Skea, Z. (Participant)