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PhD

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Biography

I am a full-time postdoctoral primary health care researcher with a degree in clinical medicine. Prior to working here in the Centre of Academic Primary Care, I was a research assistant on the evaluation of a complex intervention for COPD at King's College London.

I am currently working on 1) a systematic review examining the prognosis and treatment outcomes of children with respiratory tract infection, and 2) analysis of the TARGET study dataset. My 2014 PhD thesis explored the diagnosis of respiratory tract infection in primary care. I am interested in clinical prediction rules, upper respiratory tract microbiology, respiratory infection pathogenesis, and the role of upper respiratory tract point-of-care microbiological sampling in improving diagnosis and treatment outcomes.

Activities / Findings

I am a full-time postdoctoral primary health care researcher with a degree in clinical medicine. Prior to working here in the Centre of Academic Primary Care, I was a research assistant on the evaluation of a complex intervention for COPD at King's College London.

I am currently working on 1) a systematic review examining the prognosis and treatment outcomes of children with respiratory tract infection, and 2) analysis of the TARGET study dataset. My 2014 PhD thesis explored the diagnosis of respiratory tract infection in primary care. I am interested in clinical prediction rules, upper respiratory tract microbiology, respiratory infection pathogenesis, and the role of upper respiratory tract point-of-care microbiological sampling in improving diagnosis and treatment outcomes.

Keywords

- Respiratory Disease
- Diagnosis Prognosis General Practice Epidemiology

Skills

- Infections

Memberships

Organisations

[Bristol Medical School \(PHS\)](#)

Centres, collaborations and units

- [Centre for Academic Primary Care](#)

Recent publications

- Thornton, HV, Turner, KM, Harrison, S, Hammond, A, Hawcroft, C & Hay, AD, 2019, '[Assessing the potential of upper respiratory tract point-of-care testing: a systematic review of the prognostic significance of upper respiratory tract microbes](#)'. *Clinical Microbiology and Infection*, vol 25., pp. 1339 - 1346
- Werf-Kok, EVd, Redmond, N, Turnbull, S, Thornton, H, Thompson, M, Little, P, Peters, T, Blair, P & Hay, A, 2019, '[Parental and clinician agreement of illness severity in children with RTIs: Secondary analysis of data from a prospective cohort study](#)'. *British Journal of General Practice*, vol 69., pp. E236-E245
- Turnbull, S, Lucas, PJ, Redmond, NM, Christensen, H, Thornton, H, Cabral, C, Blair, PS, Delaney, BC, Thompson, M, Little, P, Peters, TJ & Hay, AD, 2018, '[What gives rise to clinician gut feeling, its influence on management decisions and its prognostic value for children with RTI in primary care: A prospective cohort study](#)'. *BMC Family Practice*, vol 19.
- Redmond, N, Turnbull, S, Stuart, B, Thornton, H, Christensen, H, Blair, P, Delaney, B, Thompson, M, Peters, T, Hay, A & Little, P, 2018, '[Impact of antibiotics for children presenting to general practice with cough on adverse outcomes: Secondary analysis from a multicentre prospective cohort study](#)'. *British Journal of General Practice*, vol 68., pp. e682-e693
- Wensaas, K-A, Heron, J, Redmond, N, Turnbull, S, Christensen, H, Thornton, H, Peters, T, Blair, P & Hay, A, 2018, '[Post-consultation illness trajectories in children with acute cough and respiratory tract infection: prospective cohort study](#)'. *Family Practice*.
- Thornton, H, Hay, A, Redmond, N, Turnbull, S, Christensen, H, Peters, T, Leeming, J, Lovering, A, Vipond, B, Muir, P & Blair, P, 2017, '[Throat swabs in children with respiratory tract infection: associations with clinical presentation, and potential targets for point-of-care testing](#)'. *Family Practice*.
- Marita, M, Chan, J, O'Hare, B, Thornton, H, Dube, Q & Kennedy, N, 2017, '[Bedside paediatric HIV testing in Malawi: Impact on testing rates](#)'. *Malawi Medical Journal*, vol 29., pp. 237-239
- Harries, T, Thornton, H, Crichton, S, Schofield, P, Gilkes, A & White, P, 2017, '[Hospital readmissions for COPD: a retrospective longitudinal study](#)'. *npj Primary Care Respiratory Medicine*, vol 27.
- Bryce, A, Hay, AD, Lane, IF, Thornton, HV, Wootton, M & Costelloe, CE, 2016, '[Global prevalence of antibiotic resistance in paediatric urinary tract infections caused by *Escherichia coli* and association with routine use of antibiotics in primary care: a systematic review and meta-analysis](#)'. *BMJ*, vol 352.
- Hay, A, Redmond, NM, Turnbull, S, Christensen, H, Thornton, H, Little, P, Thompson, M, Delaney, B, Lovering, A, Muir, P, Leeming, J, Vipond, B, Stuart, B, Peters, T & Blair, P, 2016, '[Development and internal validation of a clinical rule to improve antibiotic use in children presenting to primary care with acute respiratory tract infection and cough: a prognostic cohort study](#)'. *Lancet Respiratory Medicine*, vol 4., pp. 902-910

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Projects

- [TARGET Programme](#)