University of Birmingham

Mr Derek Kyte

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About

Derek Kyte, MSc, is a current recipient of a NIHR School for Primary Care Doctoral Studentship (2011-2014). His doctoral research is focused on the methodological and ethical issues surrounding quality of life evaluation and the implementation of best-practice Patient Reported Outcome (PRO) measurement in clinical trials. He is deputy lead of the UoB **Patient-Reported Outcomes Research Group (http://www.birmingham.ac.uk/research/activity/mds/domains/health-pop/healthcare-evaluation-and-methodology/patient-reported-outcomes/index.aspx)** and a member of the International Society for Quality of Life Research (ISOQOL). His secondary research area, arising from over 15 years clinical experience as a specialist musculoskeletal physiotherapist, is concerned with diagnostic decision-making in musculoskeletal disorders.

Qualifications

- MSc [Merit] in Advancing Practice (Specialist Manipulative Physiotherapy), University of Birmingham, 2009
- BSc in Physiotherapy, University of Bradford, 1996
- Member of the International Society for Quality of Life Research
- Member of the Musculoskeletal Association of Chartered Physiotherapy
- Member of the Chartered Society of Physiotherapy
- Member of the Health and Care Professionals Council

Biography

Derek completed his undergraduate degree in Physiotherapy at the University of Bradford in 1996. He worked as a Physiotherapist in the NHS for 11 years, before taking up a post as a Clinical Tutor at the University of Birmingham in 2007. He completed his MSc in 2009 with merit. Derek then took up his current post as a doctoral researcher at the University of Birmingham in 2011. A post funded by the NIHR National School for Primary Care Research.

Teaching

Teaching Programmes

- BSc Physiotherapy
- MSc (pre-registration) Physiotherapy
- Advanced Manipulative Physiotherapy MSc/PG Dip

Research

Research themes

Patient-Reported Outcomes Research (http://www.birmingham.ac.uk/research/activity/mds/domains/health-pop/healthcare-evaluation-and-methodology/patient-reported-outcomes/index.aspx), Quality of life measurement in trials, Musculoskeletal Diagnostic Decision-Making, Rehabilitation and Outcome Measurement.

Research Grants

Awarded Grants (8)

Ives J, Draper H, Calvert M, **Kyte D**. What do potential research participants understand about patient reported outcome measurement and management? An investigation of trial information provision. MRC Midland Hub for Trials Methodology Research. £29,051

Calvert M, **Kyte D**, Draper H, Ives J, Gheorghe A, Brundage M, King M, Mercieca-Bebber R. Evaluation of patient reported outcomes in clinical trials: systematic review of trial protocols. NSPCR Funding - Round 7. £23,976

Calvert M, **Kyte D**. Best-Practice for Patient Reported Outcomes (PROs) in Randomised Clinical Trials. Institute of Advanced Studies, University of Birmingham. £7000

Kyte D, Calvert M, Draper H, Ives J. The Methodological and Ethical Issues Associated with Health- Related Quality of Life Measurement in Clinical Trials. NIHR School of Primary Care Research Studentship. £85,196

Kyte D. Myofascial pain referral: pattern identification in cervical dysfunction. Musculoskeletal Association of Chartered Physiotherapists (MACP) Conference Bursary Award. £500

Rushton A, Heneghan N, **Kyte D**. Comparison of sensory testing between a symptomatic population and a healthy population. Musculoskeletal Association of Chartered Physiotherapists (MACP) Small Grant Award. £500

Kyte D. MSc and Portfolio Route Bursary - Musculoskeletal Association of Chartered Physiotherapists (MACP). £400

Kyte D. Masters in Clinical Practice Sponsorship Scheme. Birmingham and the Black Country Strategic Health Authority. £6800

Other activities

Awards & Achievements

2014 - Twice nominated for the Michael K. O'Rourke PhD Best Publication Award

2013 - Winner MPHrp Team Award - Fourth NIHR Infrastructure Experimental Medicine Research Training Camp

2013 - Selected to attend the Fourth NIHR Infrastructure Experimental Medicine Research Training Camp

2012 - Selected to attend the University of Birmingham 'Leading Academics' course

2011 - NIHR School of Primary Care Research Studentship (2011-2014)

Hosted Symposia

2013 - Best-Practice for Patient Reported Outcomes (PROs) in Randomised Clinical Trials - University of Birmingham. July 2nd-3rd, 2013. Calvert M, Kyte D.

Reviewer Activity

- Peer reviewer for the NIHR Research for Patient Benefit (RfPB) program.

PRESENTATIONS

Invited Oral Presentations/Symposia/Workshops (3)

Kyte D, Brundage M, Basch E, Velikova G, King M, Calvert M. Monitoring Patient Reported Outcome Alerts in Clinical Trials and Routine Practice: An Expert Panel Discussion of Current Knowledge and Priority Areas for Research. *Symposium* - ISOQOL 21st Annual Conference in Berlin, Germany, 2014.

Kyte D, King M, Calvert M. Improving the Design of Clinical Trials with PROs: Tips for Protocol Design and Review. *Workshop* - ISOQOL 21st Annual Conference in Berlin, Germany, 2014.

Kyte D, Eccles A. 4th NIHR Experimental Medicine Research Training Camp. NIHR SPCR Trainees' Annual Event, Oxford 2013.

Oral Presentations (3)

Kyte D, Ives J, Draper H, Keeley T, Calvert M. Inconsistencies in quality of life data collection in clinical trials: a potential source of bias? Interviews with research nurses and trialists. 2nd MRC Clinical Trial Methodology Conference, Edinburgh 2013.

Kyte D, Draper H, Ives J, Liles C, Gheorghe A, Calvert M. Is 'In-Trial' Quality of Life Guidance Lacking? A Systematic Review Employing Qualitative Content Analysis. International Society for Quality of Life Research, 19th annual conference, Budapest 2012.

Kyte D, Conduit J. Involving Practice Educators in Researching Educational Resources for Physiotherapy Students. The Birmingham Conference, Aston University, UK, 2010.

Poster Presentations (7)

Kyte D, Ives J, Draper H, Keeley T, Calvert M. Inconsistencies in quality of life data collection in clinical trials: a potential source of bias? Interviews with research nurses and trialists. International Society for Quality of Life Research, 20th annual conference, Miami 2013.

Calvert M, **Kyte D**, Duffy H, Gheorghe A, Draper H, Ives J, Brundage M, Blazeby J, Mercieca-Bebber R, King M. PRO trial protocols: the current state of play. International Society for Quality of Life Research, 20th annual conference, Miami 2013.

Kyte D, Ives J, Draper H, Keeley T, Calvert M. Inconsistencies in quality of life data collection in clinical trials: a potential source of bias? Interviews with research nurses and trialists. NIHR SPCR Trainees' Annual Event, Oxford 2013.

Kyte D, Ives J, Draper H, Keeley T, Calvert M. Inconsistencies in quality of life data collection in clinical trials: a potential source of bias? Interviews with research nurses and trialists. NIHR Experimental Medicine Research Training Camp, UK, 2013.

Kyte D, Ives J, Draper H, Keeley T, Calvert M. Inconsistencies in quality of life data collection in clinical trials: a potential source of bias? Interviews with research nurses and trialists. University of Birmingham Research Poster Conference, UK, 2013.

Kyte D, Draper H, Ives J, Liles C, Gheorghe A, Calvert M. Collection of Patient Reported Outcomes in Clinical Trials: Is 'In-Trial' Guidance Lacking? A Systematic Review Employing Qualitative Content Analysis. NIHR School of Primary Care Research, Research showcase, Royal College of Physicians, UK, 2012.

Kyte D, Eveleigh G, Rushton A. Myofascial pain referral: pattern identification in cervical dysfunction. World Confederation of Physical Therapy Conference, Amsterdam 2011.

Publications

Peer-reviewed Journal Publications (8)

Freemantle N, Shallcross L, **Kyte D**, Rader T, Calvert M. Oseltamivir: the real world data. BMJ 2014;348:g2371. IF 17.215 (**link (http://www.bmj.com/content/348/bmj.g2371)**)

Gheorghe A, **Kyte D**, Calvert M. The need for increased harmonisation of clinical trials and economic evaluations. Expert Review of Pharmacoeconomics & Outcomes Research. 0(0):1-3. doi:10.1586/14737167.2014.894461 IF 1.674 (**link (http://informahealthcare.com/eprint/RV9BcM2u4vV7viJfFSqy/full)**)

Denniston A, **Kyte D**, Calvert M, Burr J. (*in press*) An Introduction to Patient Reported Outcome Measures in Ophthalmic Research. Eye Journal. IF 1.818

Calvert M, Draper H, **Kyte D**. Patient-Reported Outcome Alert Monitoring—Reply. JAMA. 2014;311(4):420-421. doi:10.1001/jama.2013.284330. IF 30.026

Kyte D, Draper H, Calvert M. Patient-Reported Outcome Alerts: Ethical and Logistical Considerations in Clinical Trials. JAMA. 2013;310(12):1229-1230. doi:10.1001/jama.2013.277222. IF 30.026

Kyte D, Ives J, Draper H, Keeley T, Calvert M (2013) Inconsistencies in Quality of Life Data Collection in Clinical Trials: A Potential Source of Bias? Interviews with Research Nurses and Trialists. PLoS ONE 8(10): e76625. doi:10.1371/journal.pone.0076625. IF 4.092. (***link* (http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0076625)**)

Kyte D, Draper H, Ives J, Liles C, Gheorghe A, Calvert M. Patient Reported Outcomes (PROs) in Clinical Trials: Is 'In-Trial' Guidance Lacking? A Systematic Review. PLoS ONE 2013;8(4). IF 4.092 (**link (http://www.plosone.org/article/info:doi/10.1371/journal.pone.0060684)**)

Kyte D, Eveleigh G, Rushton A. (2012) Factors affecting myofascial pain pattern recognition in experienced musculoskeletal therapists: an exploratory study. International Journal of Therapy and Rehabilitation. 19(3): 144-154

Other publications (1)

Calvert M, **Kyte D**. (2013) Institute of Advanced Studies Workshop Report: Best Practices for Patient Reported Outcomes (PROs) in Randomised Clinical Trials. **http://www.birmingham.ac.uk/research/activity/mds/domains/health-pop/healthcare-evaluation-and-methodology/patient-reported-outcomes/index.aspx (http://www.birmingham.ac.uk/research/activity/mds/domains/health-pop/healthcare-evaluation-and-methodology/patient-reported-outcomes/index.aspx)**

Under Review (3)

Kyte D, Duffy H, Fletcher B, Gheorghe A, Mercieca-Bebber R, King M, Draper H, Ives J, Brundage M, Blazeby J, Calvert M. Evaluation of the patient-reported outcome (PRO) content of clinical trial protocols. [*Under review*]

Calvert M, **Kyte D**, Duffy H, Gheorghe A, Mercieca-Bebber R, Ives J, Draper H, Brundage M, Blazeby J, King M. Patient-Reported Outcome (PRO) Assessment in Clinical Trials: A Systematic Review of Guidance for Trial Protocol Writers. [*Under review*]

Green A, Liles C, Rushton A, **Kyte D**. Measurement Properties of Patient-Reported Outcome Measures (PROMS) in Patellofemoral Pain Syndrome: A Systematic Review. [*Under review*]

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