

HEALTH PROFESSIONS EDUCATION RESEARCH

Dundee Seminar Series



Professor David Wall

West Midlands Deanery (retired)

Tuesday 26 January 2016

1230-1330 hours

The Mackenzie Building

02 Room (UGF 02)

The Development and use of the Job Evaluation Survey Tool (JEST) to evaluate postgraduate medical training posts

Background: The aim of this study was to develop a simple trainee questionnaire for evaluation of postgraduate training posts based on the GMC, UK standards and to look at the reliability and validity including comparison with a well-established and internationally validated tool, the Postgraduate Hospital Educational Environment Measure (PHEEM).

Methods: The Job Evaluation Survey Tool (JEST), a fifteen item job evaluation questionnaire was drawn up in 2006, piloted with Foundation doctors (2007), field tested with specialist paediatric registrars (2008) and used over a three year period (2008-11) by Foundation Doctors. Statistical analyses including descriptives, reliability, correlation and factor analysis were undertaken and JEST compared with PHEEM.

Results: The JEST had a reliability of 0.91 in the pilot study of 76 Foundation doctors, 0.88 in field testing of 173 Paediatric specialist registrars and 0.91 in three years of general use in foundation training with 3367 doctors completing JEST. Correlation of JEST with PHEEM was 0.80 ($p < 0.001$). Factor analysis showed two factors, a teaching factor and a social and lifestyle one.

Conclusion: The JEST has proved to be a simple, valid and reliable evaluation tool in the monitoring and evaluation of postgraduate hospital training posts.

Biography

I qualified in medicine at the University of Birmingham in 1970 with the degree of MB CHB with Honours. I worked in hospital medicine and general practice, as well as developing a medical education career in the Birmingham area. I obtained MRCP in 1972 and MRCP in 1976, and FRCGP in 1986, and FRCP in 1997. In addition I have served on the Committee for Safety of Medicines and the British National Formulary for Children.

In terms of medical education I have held various posts in GP education including regional director for general practice in the West Midlands, and then going on to be deputy regional postgraduate dean and professor of medical education in the West Midlands Deanery. I obtained both a diploma in medical education (1996) and a master's degree in medical education (1998) from the University of Dundee, and a PhD in Education from the University of Birmingham (2007).

In terms of research and publications, I now have 100 peer reviewed publications, several chapters in books and authorship of Teaching Made Easy, now in its third edition. Research interests include workplace based assessment, evaluation, educational climate, doctors in difficulty and careers issues.

I am now retired but help out a little as a tutor in medical education in the Centre for Medical Education in Dundee.

Please confirm attendance to Lynn Thomson (l.e.thomson@dundee.ac.uk)