

Bridget Hill. PhD, MAPA, Research Fellow, Epworth Monash Rehabilitation Medicine Unit, Melbourne

“Development of the Brachial Assessment Tool (BrAT) a new patient-reported outcome measure for Brachial Plexus Injury”

Seminar Presentation

Brachial plexus injury (BPI) is a devastating condition that profoundly affects day-to-day use of the affected limb. Historically outcomes have been presented from an impairment perspective, primarily strength and range of movement, however, this does not measure the full impact of BPI on the individual. This presentation will outline the development of a new outcome measure designed to assess activity following adult BPI. Key issues discussed will include the development of an item bank, item reduction using Factor analysis and Rasch model analysis and investigation of reproducibility and responsiveness. The BrAT is the only measure psychometrically evaluated for BPI. Further research is required to establish a core set of measures that assess outcomes relevant to people with BPI.

Brief Biography

Bridget Hill qualified as a Physiotherapist in London, UK in 1980. While training at St Marys, Paddington, where she developed her life long interest in the management of peripheral nerve injuries. After working at a number of centres in the UK she immigrated to Australia in 1988. Since then she has worked in rehabilitation, specialising in the treatment of multi-trauma orthopaedic injury following motor vehicle and work accidents. Bridget has wide ranging research interests including the development and evaluation of outcome measures, the management of brachial plexus injury, cortical plasticity following nerve transfers for brachial plexus injury and spinal cord injury and rehabilitation following multi-trauma orthopaedic injury

**Further information contact Tina Jerosch-Herold: C.Jerosch-herold@uea.ac.uk
<https://www.uea.ac.uk/health-sciences/school-seminars>**

Free. All welcome. No need to book.

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