



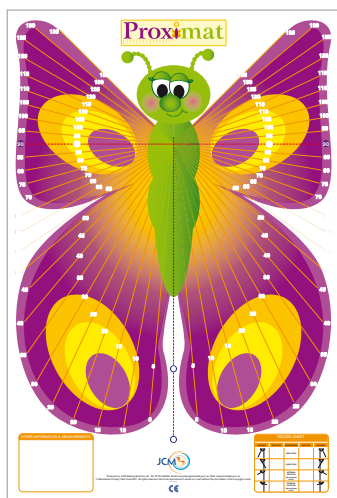
Proxim[®]mat

hip range measurement



Frustrated with goniometry for the hip? The Proximat[®] is the solution

Proximat[®] – a practitioner developed, evidence based solution which provides increased accuracy and greater flexibility of use for the measurement of hip range movement in children with cerebral palsy.



In children with cerebral palsy, programmes and interventions aim to reduce deformity, improve comfort and enhance functional skills. Accurate measurements are needed to monitor effectiveness and these need to be taken with easy to use tools in daily clinical practice.

Although using x-rays is the gold standard, it is important to measure hip range movement in between these assessments. Traditionally, these inter-x-ray assessments have been performed using a goniometer, but this hand-held device can be difficult to use and provide inaccurate measurements.

It was during a particularly awkward assessment that Patsy Pott, a physiotherapist working within Manchester PCT, had the idea for Proximat[®].

- **Child friendly**
- **Quick and easy to use**
- **The reliability has been demonstrated**

Soon afterwards the idea progressed to a protractor drawn on to a piece of vinyl and, new colleague, Andrea Selley brought the skills to conduct a reliability study within the local community -

Pott P, Selley A, Tyson SF.

The reliability, responsiveness and clinical utility of the proximat: A new tool for measuring hip range of movement in children with cerebral palsy. Physiother Res Int. 2008 Sep 12.

The study provided evidence that Proximat[®], as well as being easier and simpler in use than a goniometer, proved to be a reliable tool for measuring range of movement.

Through analysis of test/retest (testing on separate days) results showed that error with Proximat was only 3° to 12°. This compares very favourably with previously published results for goniometry of error of 15° to 28°.

Proximat[®] as a product is the result of an NHS-industry collaboration, facilitated by TrusTECH[®] (NHS Innovations North West)

The Proximat[®] is child friendly, lightweight, and versatile. Intended for use in either a clinic on a mat or plinth or in the home on a carpet, portability and flexibility are built in.

The mat is supplied in a canvas bag with a pack of pens, poster, tape measure, user manual, record sheet and CD (containing electronic versions of the user manual and record sheet)

For further information or to download an order form please visit our website and follow the links to our Proximat[®] page.



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