Abducted Standing - What's the Evidence?*

Only three research studies published

Macias-Merlo et al, 2015, a&b

Very small numbers and no control group means we don’t know if results can be applied to all children with CP.

Lack of base line measures, randomisation, small study numbers and selection bias in study and control groups.

Children in study group maintained hip integrity and symmetry but this cannot be wholly attributed to abducted standing.

Martinsson & Himmelmann, 2011

Lack of controlled variables between study and control groups, and lack of recording of dosage and duration means reliable conclusions cannot be drawn.

Surgery may have been the most important and predictive factor for MP improvement.

What can we learn?

Hip surveillance and preventative or corrective surgical intervention can maintain hip integrity

Abducted standing may have a role in the development of hip integrity for children with CP

Children are likely to benefit from standing after hip surgery

An individualised approach for each child should be used, based on clinical expertise

References:


*Note

The infographic should be used in conjunction with the report “What is the evidence for the effect of hip abduction in standing on hip integrity in children with cerebral palsy?”

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