



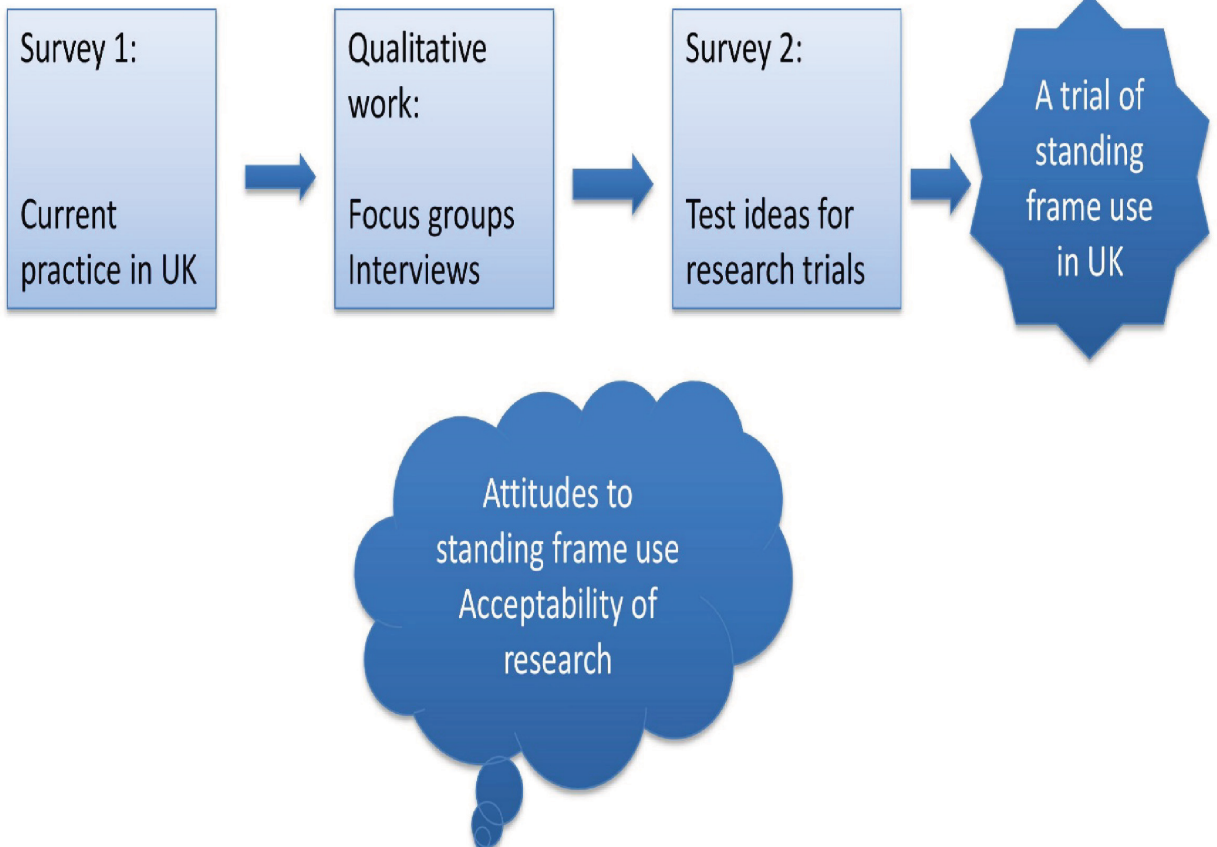
# understanding frames



*Standing Frames as part of postural management for children with Spasticity.  
What is the acceptability of a trial to determine the efficacy of standing frames?*

*Understanding Frames is an independent research study funded by the National Institute for Health Research (NIHR) under its Health Technology Assessment (HTA) Programme. The views expressed here are those of the author(s) and not necessarily those of the NHS, the NIHR or the Department of Health.*

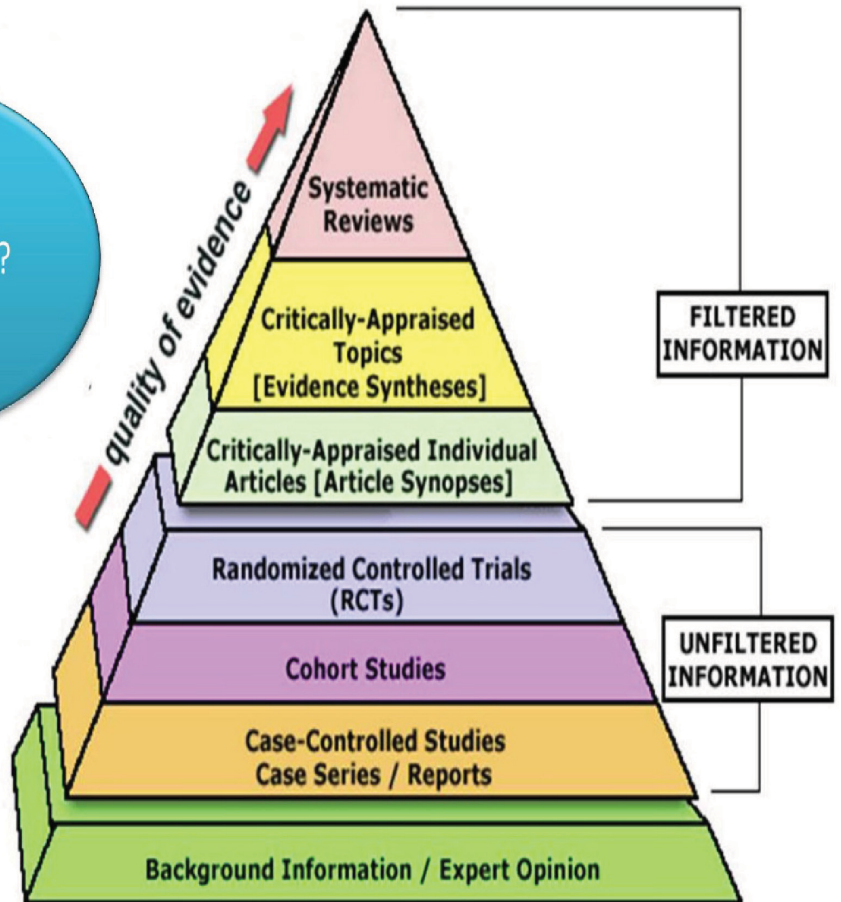
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Current evidence?





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Survey 1:

Current practice in UK.

UK wide survey:  
Professionals 155  
Prescribers 305  
Parents 91

Limited evidence but significant consistency in prescribing practice and recommendations

Achieving use as recommended is not usually possible: challenges to use!

Widely reported benefits of use: Which are most important to whom?







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## Experienced challenges of standing frame use

Resources	Environment	Child factors
Allocation of resources/funding for frame	Physical space in home	Child dislikes standing in frame
Allocation of resources for staff to prescribe/monitor use	Physical space at school	Child sometimes wants a rest
Time	Transportation of equipment	Child experiences pain
No standing frame at home	Moving & handling difficulties	
Standing frame not recommended for child	Difficulty with/access to other equipment used to position child	
Availability of parents/carers to help position the child		
Availability of parents/carers in school to help position the child		



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## Reported benefits of standing frame use

Opportunity for change of position	Bone strength	Bladder and bowel functions
Reduce risk of joint contractions	Participate in activities	Reduce risk of hip dislocation/damage
Improve motor abilities (head control)	Improve motor abilities (using hands)	Improve motor abilities (trunk control)
Same level as peers (play/interaction)	Enjoy activities	Stand independently in future
Improve breathing	Reduce risk of fractures	Use vision
Walk in future	Communicate	Other



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## Population

- Age of child
- GMFCS

## Intervention

- Standing frame (type)
- "Treatment as usual"

## Comparator

- Delayed/ suspended use
- Other device: supported seating; walking frame
- Other interventions: therapy

## Outcome

- Participation/ QOL/ interaction
- Body structure and function
- Functional – bladder/bowel/breathing

## Timing

- How long to see change?
- How long is acceptable to study?



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