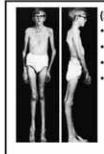




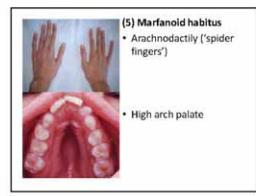
Revised Criteria (Brighton 1998)

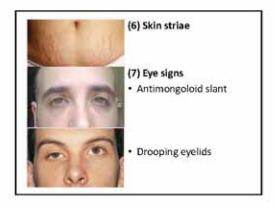


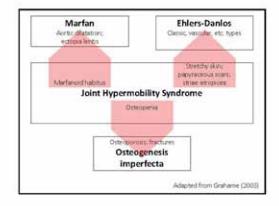


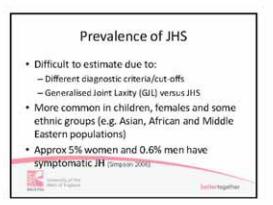
(5) Marfanoid habitus

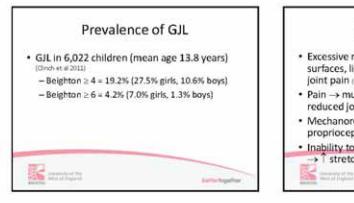
- Tall
- Slim
- Arm span:height >1.03
- Upper segment:lower segment < 0.89















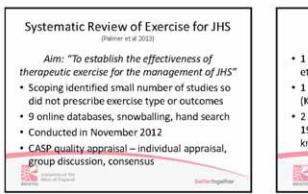






Last to boget them

Battic together

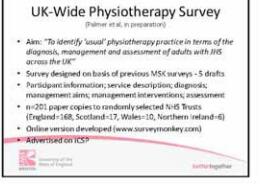


Studies included

- · 1 randomised controlled trial in adults (Sahin et al 2008 - knee specific, n=70)
- 1 randomised comparative trial in children (Kemp et al 2010 - 'whole body', n=57)
- · 2 cohort studies in adults (Barton and Bird 1996 - 'whole body', n=25; Ferrell et al 2004 knee specific, n=18)

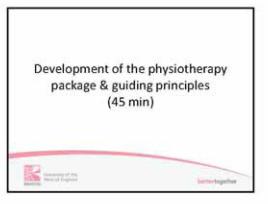
Summing of Street, or other





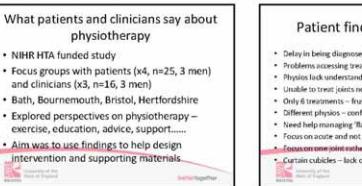




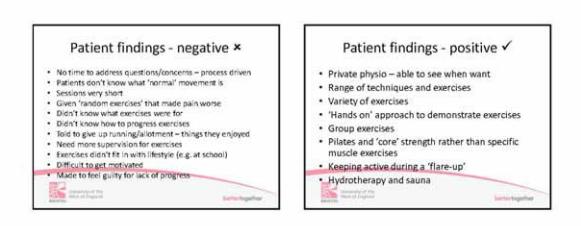


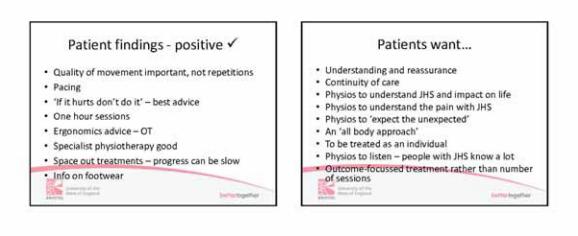




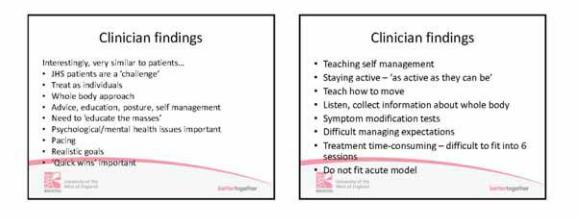






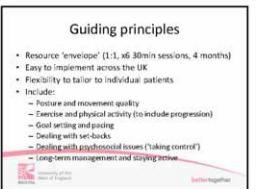


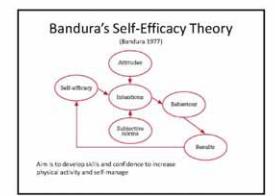


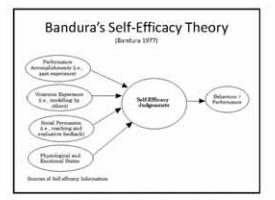


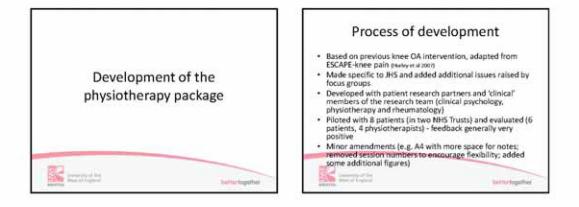


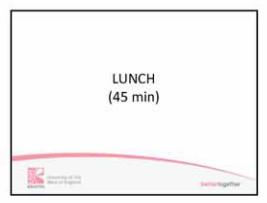














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Letter Ingether

Assessment Do not intend to be prescriptive, but..... Posture and quality of movement likely to be more useful than joint-specific or joint-byjoint assessment: - Sitting and standing posture - Reaching - Gait - Specific patient-reported function - Specific patient-re

Assessment

- Identify areas requiring specific posture and movement re-education
- Identify 'tight' muscle groups requiring lengthening
- Identify potentially unhelpful beliefs
- All can be individually addressed as part of the intervention

Advice Session Based on ARUK and HMSA booklets Should include: _ What is hypermobility (ARUK, p5)

- How is hypermobility diagnosed (ARUK, p10)
- Drugs (ARUK, p11-13) but advise to consult GP
- Self-help and daily living (ARUK, p14)
 Also discuss anything else that patients
- specifically ask about ...
- ...but use information from the booklets rather than personal opinion or experience (as much as possible)

AIMS, BENEFITS OF PHYSICAL ACTIVITY, POSTURE, MOVEMENT QUALITY, PAIN RELIEF

DISCUSSION (~10min):

- Aims outline aims of the programme and check understanding that the ultimate aim is to enhance <u>self</u> management
- Ideal if patients do 'homework' but important not to feel guilty if can't
- Outline potential benefits of exercise for JHS, difficulties and recommendations (* take home message is that any increase in physical activity is good)

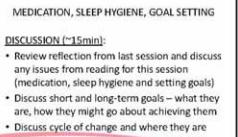
AIMS, BENEFITS OF PHYSICAL ACTIVITY, POSTURE, MOVEMENT QUALITY, PAIN RELIEF

PRACTICAL (~20min):

- Demonstrate and discuss posture and movement quality (based on findings from assessment)
- Give some exercises (from booklet)
- · Discuss pain relief
- Discuss homework and agree spacing of sessions

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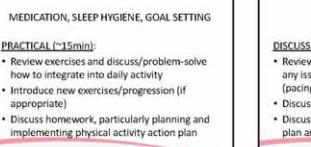
Contract for



Introduce the activity action plan and diary

International Property Property

Letter Inpathie



PACING OF ACTIVITY

DISCUSSION (~15min):

- Review reflection from last session and discuss any issues from reading for this session (pacing of activity)
- · Discuss pacing in some detail
- Discuss/problem-solve physical activity action plan and activity diary (from last session)

PACING OF ACTIVITY

PRACTICAL (~15min):

- Review exercises and discuss/problem-solve how to integrate into daily activity
- Introduce new exercises/progression (if appropriate)
- Discuss homework, particularly integrating pacing into day-to-day activity

DEALING WITH SET-BACKS

DISCUSSION (~15min):

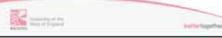
- Review reflection from last session and discuss any issues from reading for this session (dealing with set-backs)
- · Discuss dealing with set-backs in some detail
- Discuss/problem-solve physical activity action plan and activity diary and pacing (from

previous sessions)

DEALING WITH SET-BACKS

PRACTICAL (~15min):

- Review exercises and discuss/problem-solve how to integrate into daily activity
- Introduce new exercises/progression (if appropriate)
- Discuss homework, particularly personal plan for dealing with set-backs



TAKING CONTROL

DISCUSSION (~15min):

- Review reflection from last session and discuss any issues from reading for this session (taking control)
- Discuss importance of discussing issues with friends, family, colleagues and GP who can refer to psychological therapies (if appropriate)
- Discuss/problem-solve physical activity action plan and activity diary, pacing and dealing with set-backs (from previous sessions)

Intrinspettie

TAKING CONTROL

PRACTICAL (~15min):

Section of August

- Review exercises and discuss/problem-solve how to integrate into daily activity
- Introduce new exercises/progression (if appropriate)
- · Discuss homework, particularly personal plan for taking control

Server Repairies

Institution

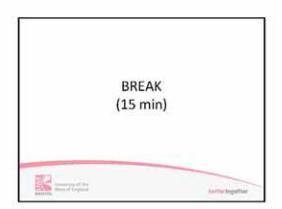
LONG TERM MANAGEMENT, STAYING ACTIVE

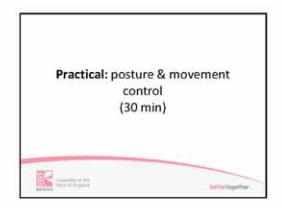
DISCUSSION (~15min):

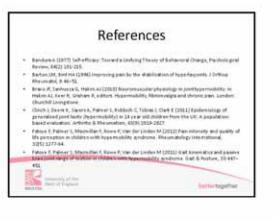
- · Review reflection from last session and discuss any issues from reading for this session (long term management, staying active)
- · Discuss plans for remaining active and dealing with relapses in physical activity
- Discuss/problem-solve physical activity action plan and activity diary, pacing, dealing with setbacks and taking control (from previous sessions) The Parcel of Longe

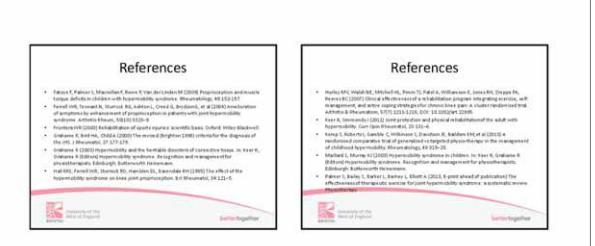
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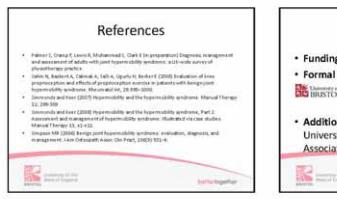
LONG TERM MANAGEMENT, STAYING ACTIVE PRACTICAL (~15min): · Review exercises and discuss/problem-solve how to integrate into daily activity · Introduce new exercises/progression (if appropriate) · Discuss plans for remaining active in the long term · Re-iterate main points from programme Wish them good luck...





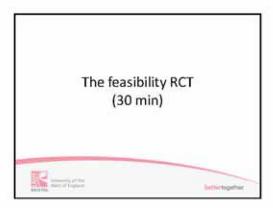












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Stage 3 - feasibility RCT

- Screening, assessment and consent process
- Advice session

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- Randomisation after advice session (Principal Investigator on site) – online (quickest) or telephone
- Inform patient of allocation and book treatment if randomised to receive physiotherapy
- Chief Investigator to send questionnaires at 4 and 7 months
- Qualitative researcher to arrange interviews

Screening Referrals

- Principal Investigator on site screens referrals for likely JHS
- Send study information packs (record details of who is sent information – proforma)
- Reply slips returned to Department (send reminder after 2 weeks if no reply)
- Book for study assessment/advice session
- Send questionnaires (returned to Chief Investigator)

2

