

INTERMEDIATE LEVEL

WHEELCHAIR

SERVICE TRAINING PACKAGE

CHILDREN AND WHEELCHAIRS

Wheelchairs and extra postural support can help children to:

Move around



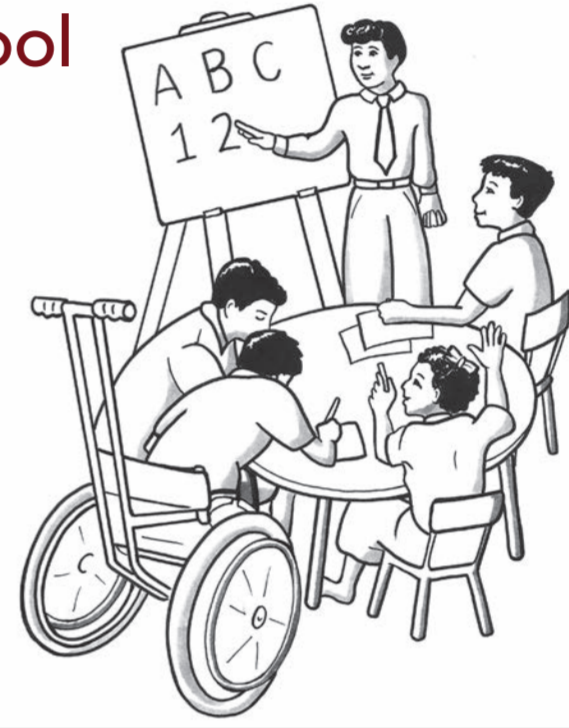
Eat by themselves



Communicate



Go to school



Play with their friends



Early referral for wheelchairs and extra postural support is important.

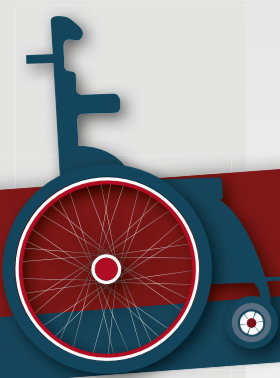


By the age of one – many children are able to sit by themselves; and are pulling themselves up to stand



By the age of two – many children are able to walk on their own

Children who are having difficulty doing these things may need a wheelchair and extra postural support. Refer for a wheelchair assessment.



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DIFFERENT POSITIONS

Children who use a wheelchair and have limited ability to change their position or posture – need support in different positions during the day and night.

SITTING

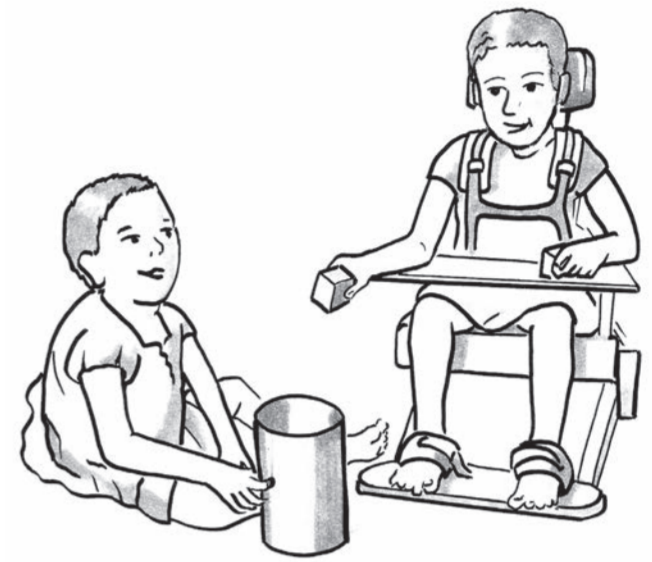
Some different ways to support children sitting closer to the floor are:



Sitting astride a log, roller or tightly rolled blanket.



Sitting with support from a family member/carer.



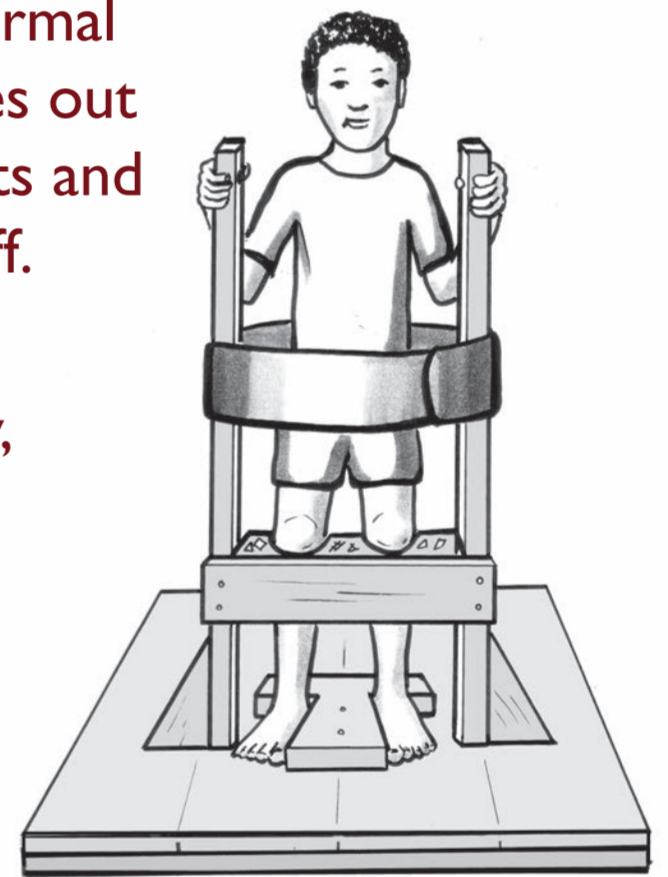
Sitting in a supportive seat which is low to the ground.

STANDING

Standing helps to form the hip joints and the normal curves of the trunk/spine. Standing also stretches out the muscles around the hip, knee and ankle joints and helps to prevent these joints from becoming stiff.

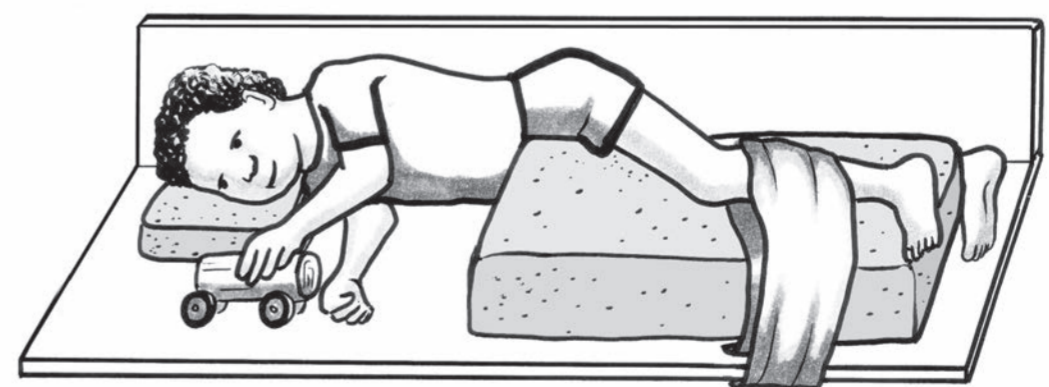
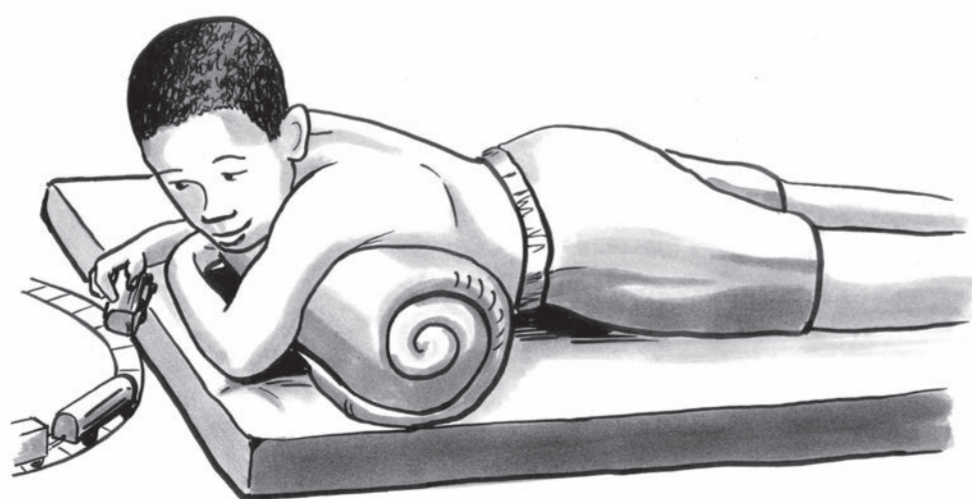


When a child cannot stand independently, a standing frame can help.



LYING

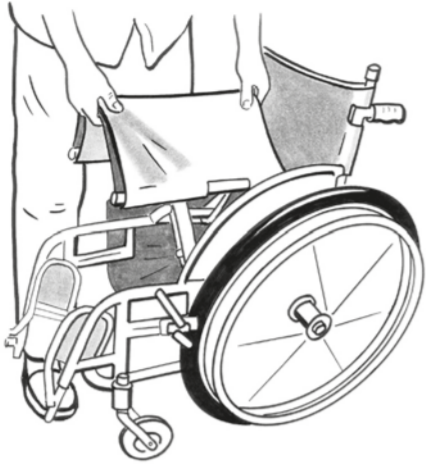
Provide support for children when lying to help them to play and sleep comfortably.



Blankets, foam, towels or pillows can be used to give support.

Discuss with the wheelchair user: what do they know, and what would they like to learn? Use the checklist to remember key things to teach the wheelchair user.

WHEELCHAIR HANDLING



- Folding and lifting the wheelchair
- Taking off and putting back on any PSDs that need to come off for transport
- Using quick-release wheels
- Using the brakes
- Tilting and anti-tip bars (if used)
- Correct position of PSDs when the wheelchair user is in the wheelchair
- Using the cushion including positioning correctly

TRANSFERS



- Independent transfer or Assisted transfer
- Teach the most appropriate transfer method for the wheelchair user.

WHEELCHAIR USE AND MOBILITY



- Pushing correctly using the wheelchair user's preferred method
- Up and down a slope
- Up and down a step
- On rough ground
- Partial wheelie
- How long to sit in the wheelchair (for children and adults with intermediate postural needs)
- Assisted pushing

PREVENTING PRESSURE SORES



- Check areas of high pressure for pressure sores
- Pressure relief lifts
- Eat well and drink lots of water
- What to do if a pressure sore develops

HOW TO CARE FOR A WHEELCHAIR AT HOME



- Clean the wheelchair; wash and dry the cushion and cushion cover
- Oil moving parts
- Pump the tyres
- Tighten nuts and bolts
- Tighten spokes
- Check upholstery
- Check for rust
- Check the cushion

WHAT TO DO IF THERE IS A PROBLEM

- Wheelchair needs repairs
- Wheelchair does not fit or is not comfortable

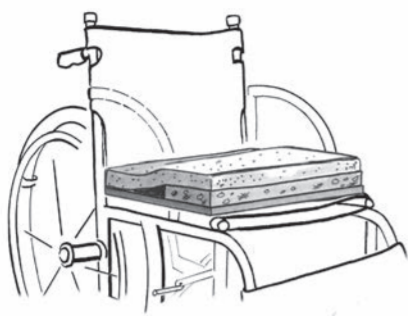


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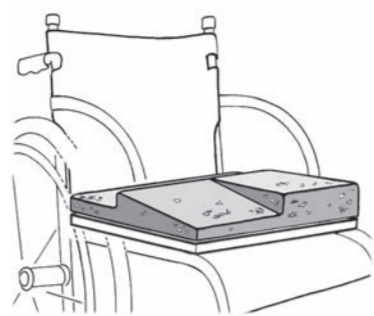
WHEELCHAIR SERVICE TRAINING PACKAGE

POSTURAL SUPPORT DEVICE (PSD) TABLE

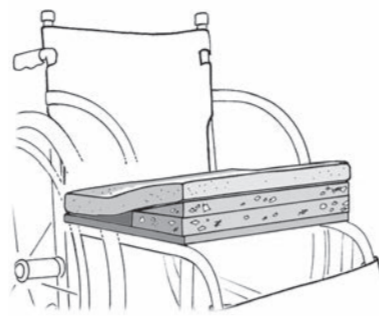
SEAT / CUSHION



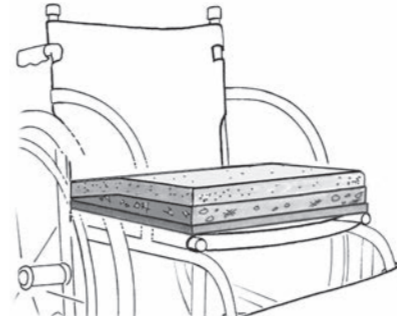
pre seat bone shelf



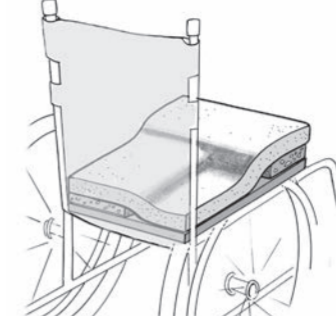
lower seat front (one side)



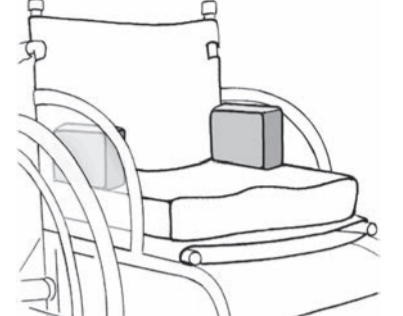
raised seat front



wedge for anterior tilt

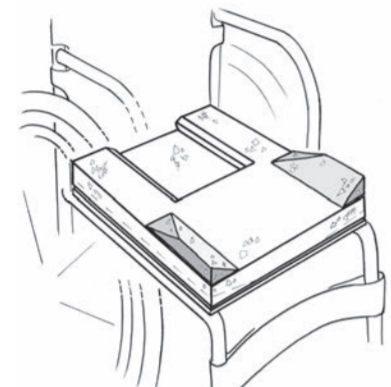


build-up under pelvis

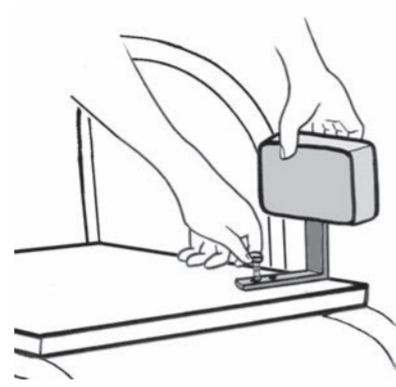


pelvis side pads

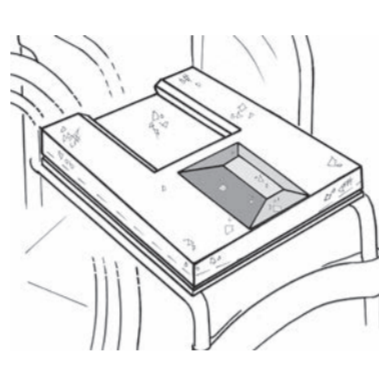
SEAT / CUSHION



outside thigh wedges



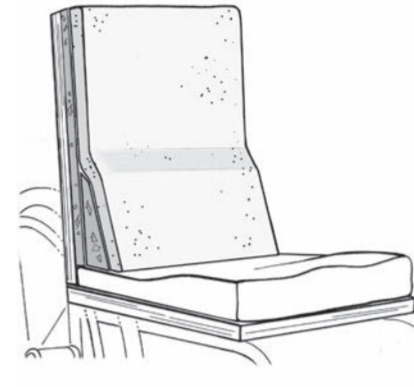
outside thigh pads



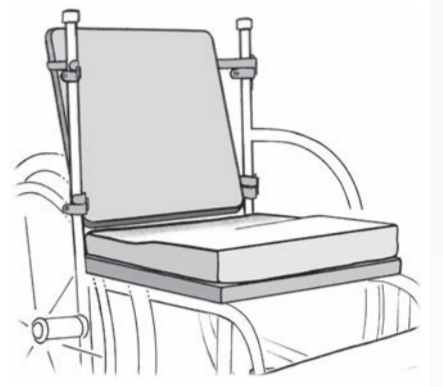
inside thigh wedge



knee separator pad



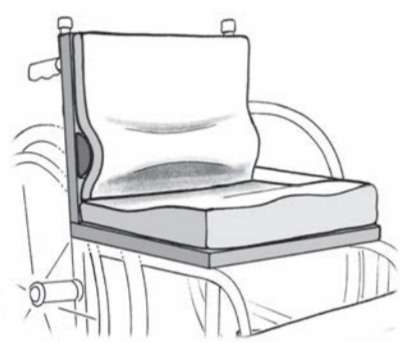
open seat to backrest angle



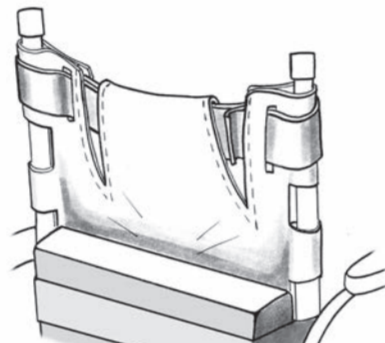
seat & backrest tilt (tilt in space)

SEAT & BACKREST

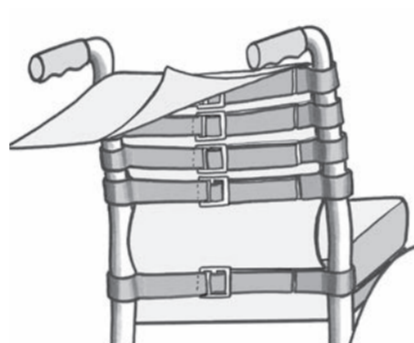
BACKREST



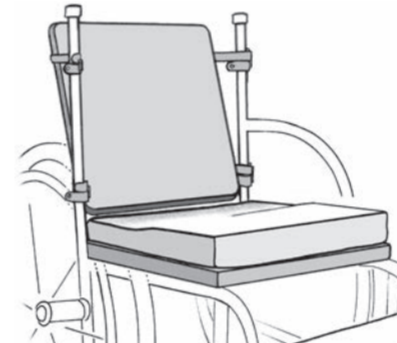
rear pelvis pad



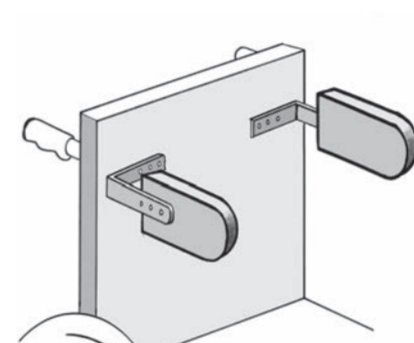
adjust backrest shape



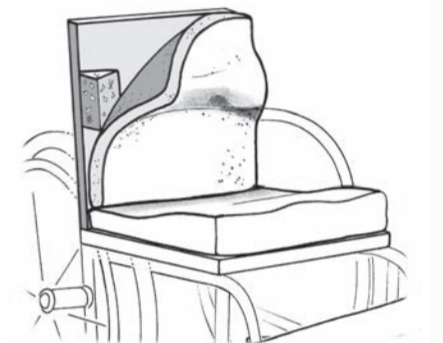
tension adjustable backrest



backrest recline



trunk side pads

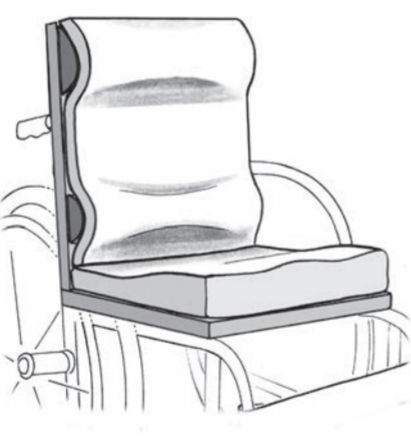


trunk side wedges

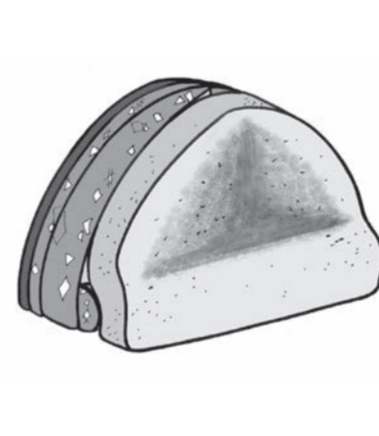
TRAY



tray



flat headrest



shaped headrest

HEAD SUPPORTS

LOWER LEG SUPPORTS



footrest build-ups

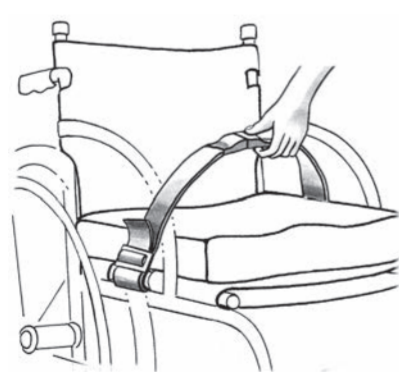


footrest wedges



lower leg supports

STRAPS



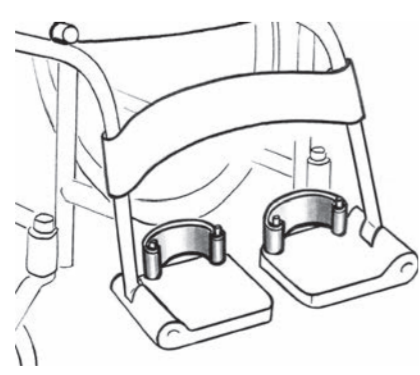
pelvis strap



anterior tilt four point strap



calf strap



foot straps



shoulder harness

