



Remap head office is in the process of reorganisation including involvement in countrywide events to widen the charity's appeal and create a bigger impact. Recently our panel has helped man stands when the Stroke Association held an event in Nottingham and, together with the Leicestershire and Rutland Panel, the MND Association Conference at Castle Donnington.

For some time we have been one of the most successful Remap panels in terms of the number of people helped each year. We have been in the top three for the last ten years and last year started 146 referrals – the second highest number nationally. It is also pleasing to announce that Allan Sutton has won a prize at the national AGM for his “Baby changing” aid to help a young mother with only one properly functioning arm (see newsletter 66). This device has been featured in the national newsletter as well as the NVDA and Institution of Mechanical Engineers magazines.

**DB-016-16, Vic Brown**

A 4 year boy with cerebral palsy was unable to use some of his school's outdoor facilities. Remap was requested to modify a water tray and a sandpit so he could get close enough to them in his standing frame to play with them whilst still enabling other children access.

The water tray frame was extended vertically upwards by 50mm and the cross bracing rail relocated higher up the support legs and bolted in position. This was successful, still allowing the smallest child in the class to reach into the tray.



The sand tray was also lifted using 100mm removable cubic wood blocks, that were fitted with steel bands, that were fitted with steel bands to prevent them splitting. The rear blocks were milled out to a depth of 15mm to accommodate the existing frame wheels, the front blocks were fitted with M8 threaded studs and wing nuts to locate in the frame securely and prevent the assembly tipping.



**DB-017-16, Steve Pilkington**

A young girl with ASD was both fearless and curious and she regarded locks and stairgates to be recreational toys. She liked to play with the front door, the toilet and the oven in the kitchen. Some means to keep her safe were requested.

A second-hand wrought iron gate that was locked using a simple combination lock, was fitted in her playroom. So far this system has defeated the girl!



**DB-027-16, Steve Pilkington**

This young autistic girl was fearless, very inquisitive and unable to speak. A request was made to adapt stair gates, and modify a cot to keep her from hurting herself.

Three stair gates with invisible locks were fitted and her cot modified by lowering the mattress so that her efforts to climb out might be thwarted for at least some months,



**DB-019-16, Ralph Anderson**

This girl's condition significantly limited her mobility and sensory stimuli. To be safe she was restrained in a harness in her Symmetrikit padded chair.

A request was made to provide a profiled table to suit this chair - all surfaces had to be padded to prevent her injuring herself.

A plywood board profiled to suit the chair and to fit snugly around her abdomen was made. This was padded with foam on its upper surface. To protect her legs additional foam was fitted in a pocket below the board. The outer edges of the board were all rounded and then wadding glued around the periphery.

The board was secured using 4 wide webbing straps secured with snap fasteners to the chair chassis. A fifth strap was fitted around the rear of the chair such that the board was secured tight to the client's torso. Finally the whole assembly was covered using vinyl material as used to upholster the chair. Velcro was used to make a soft closure.



**DB-024-16, Mike Banks**

An elderly lady needed a spacer adding to her rotunda to compensate for her shorter than average legs to enable her to get her bottom fully to the rear of her commode, armchair and to sit down in the centre of her bed during transfers

A platform was made from three laminations of plywood sheet shaped to fit on top of the rotunda platform. Pegs, screwed, on either side of this platform, prevented it from slipping forward. It was varnished and covered with anti-slip tape.



**DB-026-16, Vic Brown**

After a serious road accident and subsequent surgical rebuilding of his right arm and shoulder, this man was only able to lift his arm approx. 70 degrees. His flexion was very limited together with a severely reduced hand grip. An appliance was needed to enable him to feed and shave himself.

A device was made comprised of an "easigrip" foam handle fitted with a threaded adapter. A flexible sprung rod was attached to give appropriate angular adjustment which could then be locked in position to maintain the selected angle.

A tube with internal sliding stainless rod and locking screw was fitted to set the correct distance from hand to mouth



**DB-035-16, Allan Sutton**

This lady's knees tended to spread when in her electric wheelchair, causing her discomfort. She usually strapped her legs together to keep them in place.

Her wheelchair was on loan and could not be permanently modified; consequently the footrests were fitted with pads attached via existing holes in the footrest adjustable central support.

They were designed to fold out of the way to allow her access/egress to and from the chair. They restrained her legs without causing discomfort



**DB-030-16, John Gellatly**

A man with walking difficulties needed a safety bar or gate at the top of the stairs to prevent him accidentally falling down them on his way to the toilet.

A wooden bar fitted at the top of the stairs was made to provide an adequate barrier. Later a wooden stairgate was added because the client felt that he also needed something across the stairs to prevent his zimmer frame wheels going over the top step



**DB-084-16, Steve Pilkington**

This client was a small lady who used a relatively small wheelchair. The wheelchair handles did not have enough adjustment to make it possible for her husband, who was 6'3" tall, to push her comfortably.

A supplementary pair of handles was made that, when bolted to the sides of the wheelchair frame, resulted in handles approximately 4" higher than the inbuilt ones.



**DB-085-15, Ralph Anderson**

This client suffered from Multiple Sclerosis and was waiting for an assistance dog. She needed a device to connect the dog lead to her electric wheelchair.

Unfortunately standard "squiggle" devices to do this were designed for traditional wheelchair frames and were unsuitable for the cushioned arms of her electrically powered chair.

The lady also wanted the squiggle to be able to be folded away when not required.

Her condition prevented her using a threaded attachment method such as a scalloped knob, so she asked if a push-button could be made to operate a latch for it.

The requested push-button acted on a specially shaped bolt that located on a locking plate. A light spring ensured that the bolt remained in the locked position when the button was released.

