A MANUAL
For
SUPPORTIVE SEAT
**Introduction:**

- If the child is always lying on his/her back
- Ability to sit independently but asymmetrical and at risk of developing postural deformities
- Ability to sit independently but unable to use arms
- Child is not able to eat by himself because of poor sitting position
- Inability to sit independently
  - Poor sitting balance and head control
- Child is not able to communicate properly because of poor position
Parts of Special Chair

- **Seat** (1)
- **Cushion** (6)
- **Lap Board** (7)
- **Back Rest** (4)
- **Side Wall** (2)
- **Head Block** (8)
- **Foot Rest** (5)
- **Castor Wheel**
How to Assemble A Special Chair

1. Assemble the Nut & bolt with spanner

2. Assemble the sidewalls

3. Assemble the front caster wheels

4. Assemble the back caster wheels
Assemble the backrest

Assemble the footrest

Assemble the cushion

Assemble the Lapboard

Special chair

Assemble the head block
How to Dismantle A Special Chair

1. Remove the Lapboard
2. Remove the straps
3. Remove the head block
4. Remove the cushion
5. Remove the footrest
6. Remove the Nut & bolt
7. Remove the backrest
8. Remove the front caster wheels
9. Remove the back caster wheels
10. Remove the sidewalls
### Normal Child Development Chart

Every healthy child will have the 4 different stages of development.

<table>
<thead>
<tr>
<th>Age</th>
<th>GROSS MOTOR (It’s the physical development of child)</th>
<th>FINE MOTOR (Ability of child to use the hand)</th>
<th>LANGUAGE (Helps child to talk, express and communicate)</th>
<th>SOCIAL (Helps child to talk and make friends with others)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BY 3 MONTHS</strong></td>
<td>Sits without support and holds up head</td>
<td>Rolls over with head control</td>
<td>Takes object to mouth</td>
<td>Responds to simple commands, says ‘mama’ or ‘Papa’ words</td>
</tr>
<tr>
<td><strong>BY 6 MONTHS</strong></td>
<td>Rolls over with head control</td>
<td>Grasps and moves objects from one hand to the other</td>
<td>Holds objects in both hands</td>
<td>Identifies body parts</td>
</tr>
<tr>
<td><strong>BY 9 MONTHS</strong></td>
<td>Sits without support and holds up head</td>
<td>Takes object to mouth</td>
<td>Takes object to mouth</td>
<td>Drinks from cup</td>
</tr>
<tr>
<td><strong>BY 1 YEARS</strong></td>
<td>Sits without support and holds up head</td>
<td>Grasps and moves objects from one hand to the other</td>
<td>Holds objects in both hands</td>
<td>Drinks from cup</td>
</tr>
<tr>
<td><strong>BY 11/2 YEARS</strong></td>
<td>Sits without support and holds up head</td>
<td>Grasps and moves objects from one hand to the other</td>
<td>Holds objects in both hands</td>
<td>Drinks from cup</td>
</tr>
<tr>
<td><strong>BY 2 YEARS</strong></td>
<td>Sits without support and holds up head</td>
<td>Grasps and moves objects from one hand to the other</td>
<td>Holds objects in both hands</td>
<td>Drinks from cup</td>
</tr>
<tr>
<td><strong>BY 3 YEARS</strong></td>
<td>Sits without support and holds up head</td>
<td>Grasps and moves objects from one hand to the other</td>
<td>Holds objects in both hands</td>
<td>Drinks from cup</td>
</tr>
<tr>
<td><strong>BY 4 YEARS</strong></td>
<td>Sits without support and holds up head</td>
<td>Grasps and moves objects from one hand to the other</td>
<td>Holds objects in both hands</td>
<td>Drinks from cup</td>
</tr>
<tr>
<td><strong>BY 5 YEARS</strong></td>
<td>Sits without support and holds up head</td>
<td>Grasps and moves objects from one hand to the other</td>
<td>Holds objects in both hands</td>
<td>Drinks from cup</td>
</tr>
</tbody>
</table>

### DEVELOPED BY: CBR DEVELOPMENT & TRAINING CENTRE

JL ADISUCIPTO KM COLOMADU, SURAKARTA 57176 INDONESIA.

WITH THE ASSISTANCE OF: SASAKAWA FOUNDATION, JAPAN

THE UNIVERSITY OF ALBERTA - CANADA

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**Other developmental Aids**

**CORNER SEAT**
A seat made for a child to sit on the floor. It is useful for the child to develop sitting balance and a good position to use hands.

**STANDING FRAME**
A standing frame is used to allow someone to stand for short periods when they would not be able to stand. This device will help to achieve standing.

**PRONE BOARD**
Small children usually spend a lot of time on the floor. A prone board is a wedge used on the floor to help develop a child's head control.

**FLOOR TABLE**
The Floor table can be used for read, write, eat and play with toys while child is sitting upright.
Benefits:

⇒ Helps a child sit in a good position which creates opportunity to explore and develop in other areas e.g. – fine motor, social etc

⇒ Helps to reduce spasticity by weight bearing and breaking up extensor patterns of tone.

⇒ Helps in maintaining alignment and preventing muscle contractures and deformities.

⇒ May facilitate postural control which is essential for sitting balance.

⇒ Encourage feeding and help digestion

⇒ Improve breathing

⇒ Encourage Arm function and encourages play

Instructions to Parents and Care givers:

⇒ Never leave a child unattended when using a developmental aid (special chair)

⇒ A developmental aid should be used on a level floor and never on a raised or uneven surface

⇒ Do not use a developmental aid as a mobility device.

⇒ Always use all of the position straps provided.

⇒ Allow one finger width between a belt and the child.

⇒ Water spray can be used to clean stains

⇒ Always ensure that the aid is dry before use

⇒ Child should be encouraged to sit for 4/5 hours in the whole day.

⇒ Child is encouraged in the chair for play and feeding
Future Plans:

Please tick appropriate checkbox

☐ Advised for regular therapy

☐ Advised to enroll in the regular school/ special school/ Anganwadi school for the better improvement

☐ Standing frame could be given later

☐ Reverse walker could be provided later to the standing frame

Rehabilitation facilities at Mobility India

⇒ Physiotherapy /Occupational therapy service;
   • Neuro developmental therapy,
   • PNF technique,
   • Accessibility / barrier free environment,
   • Visual & auditory stimulation

⇒ Amputation Rehabilitation; Pre operative, Post operative, Pre-prosthetic management,

⇒ Prosthesis & orthosis service with Gait (WALK) training facilities.

⇒ Rehabilitation for elder people.

⇒ Wheelchair service provision with based on WHO guideline,

⇒ Developmental aid & assistive devices service provision.

⇒ Rental services of wheelchair, crutch, walker, cane .

⇒ Mobile taxi service for wheelchair user.
Mobility India (MI) is a registered society, established in 1994 in Bangalore, Karnataka and our regional resource centre is in Kolkata, West Bengal. MI’s objective is to provide support to ensure that people with disabilities have equal rights and a good quality of life, particularly the poor people living in rural areas and urban slums.