

GOVERNMENT OF INDIA
DEPARTMENT OF SCIENCE & TECHNOLOGY
Technology Interventions for Elderly (TIE) Programme

ASSISTIVE & ENABLING DEVICES (AED) QUESTIONNAIRE

Purpose and Use of this Questionnaire

This questionnaire is designed to gather key information about the need of an elderly person for Assistive & Enabling Devices based on self assessment and preliminary interactions with the interviewers who are trained Occupational Therapy/Physiotherapy professionals. These descriptions explore a person's needs for assistance in key life functions and areas of daily activity.

The development of the questionnaire is based on the literature survey and perceptions of researchers and is considered only to be a preliminary assessment tool. This questionnaire is intended to be used initially with senior citizens attending the AISCOON-2008 at Delhi. The primary information collected through this survey will be used as the background material for a focused discussion with subject specialists and national experts, leading to a theme paper useful for the planners, policy makers, funding agencies, researchers, industry, etc.

General Principles

- Suggested devices should be able to realistically match with the targeted needs of the elderly.
- Devices should be non-obtrusive (as far as possible), simple in operation & maintenance, and should be affordable.

Name of the hospital/survey place:

PART-I: GENERAL INFORMATION

1. Name :	6. Phone # & email ID:
2. Age:	7. Highest qualification a. Self: b. Head of family:
3. Gender (M/F):	8. Occupation:
4a. Village/Town:	9. Annual income (present/past) a. Self: b. Head of family:
4b. District & State:	10. Living: Alone or with spouse/children
5. Area (Rural/Urban):	

PART-II: DIFFICULTY IN ACTIVITIES OF DAILY LIVING (ADL)

1. Floors: Slippery floors	
2. Entrance: Ramp	
3. Kitchen: Difficulty reaching items	
4. Toilet: Ht. of wash basins	
5. Lighting: Ht. & operation of switches	
6. Doors/windows: Ht. of bolts, use of locks	
7. Any other difficulty/requirement	

Date: _____

Signature: _____



PART-III: 'DEVICES' INFORMATION

SN	Category/Common problem	Is this a difficulty/problem (Y/N)	Potential AED	Aware (A)/not aware (NA)	Already using (A)/like to use (L)	If using, difficulty in use (Y/N)	Remarks (briefly mention difficulty in use/ desired improvement)
I	Architectural/ Home Elements						
1	Getting on/off toilet		Raised seat, Grab bars				
2	Home safety		Security alarms				
3	Difficulty knowing who is on entrance		Video intercom				
II	Aids to Daily Living						
4	Difficulty remembering medication schedule		Medicine dispenser/cabinet				
5	Difficulty opening jars, bottles		Jar opener/closer				
6	Can't see clock/watch		Talking alarm clock/watch				
7	Nail clipping		Magnifying toenail clipper				
8	Easy reading or working while in bed		Lap desk with book holder				
9	Makes back scrubbing easy		Back scrubber with hand loops on each end				
III	Kitchen Gadgets & Appliances						
10	Protection from sharp knives/blades		Kitchen finger protector				
11	Better gripping and comfort for arthritic and Parkinson's patients		Utensils with finger bump grips or hand strap				
IV	Furniture						
12	Rolling bed/Bed too low		Adjustable height bed				
	Getting in/out of bed		Bed rail				
V	Footwears						
13	Difficulty tying shoelaces		Velcro fastenings shoes				

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VI	Clothings						
14	Difficulty with buttons/zippers		Velcro clothings				
15	Varicose veins		Pressure modification stockings				
VII	Communication						
16	Difficulty reaching/dialing numbers/holding receiver		Cordless speaker phone with preset memory-dial, large buttons & numbers				
17	Cellular calls to predefined numbers		Mobile phone with one touch call to family members, friends, helplines, doctors, security				
VIII	Sensory Functions						
18	Low Vision		Eye glasses/ magnifiers				
19	Enabling the blind to hear what they can't see		'E-Netra'- reads text and converts into voice				
20	Hard of hearing		Hearing aids, visual alerting systems				
21	Difficulty doing activities involving concentration or thinking		Memory games				
IX	Mobility						
22	Difficulty walking		Walking stick, walkers, wheelchair, spinal braces				
23	Difficulty climbing stairs		Stair glide, handrails				
24	Loss of limbs		Prosthesis-artificial limbs				
25	Difficulty standing for long periods		Height adjustable/tilting chairs/stool/ tables/desks				
X	Recreation/ Entertainment						
26	Meaningful and occupying entertainment		CDs on traditions, historic movements, pilgrimage & tourist places, folk songs, etc.				