

UK Priority Assistive Products List (APL) National Survey

Background

We need more than a billion assistive products now and 2 billion by 2050. However, today only 1 in 10 persons in the world has access to the assistive technology products they need. To change this scenario, based on the success and learning of the Essential Medicines List (EML), the WHO has developed a Priority Assistive Products List (APL) to assist Member States plan policies and programmes related to the provision of Assistive Products.

The main goal of this UK initiative is to improve access to high-quality affordable assistive products, specific to our own domestic requirements. Therefore, the British Assistive Technology Association in collaboration WHO-GATE are launching a UK survey to identify the **UK's most essential priority Assistive Products List (APL)**. This will help us define our own national priorities for the assistive technology products we need today and into the future.

All stakeholders, especially users/potential users, their family members, organisations, AT and rehabilitation professionals are encouraged to take part in this survey. Please share it with your colleagues and friends.

You can complete this [survey online](#) or download the survey form and send the completed survey after selecting what you consider the most essential priority Assistive Products to: ukapl@bataonline.org

If you would like to be kept informed about progress related to this survey, please fill out your details below.

All survey result will be analysed anonymously and no personal identifiers will be linked to individual responses. All information will remain confidential.

Thank you very much for your valued participation in this exercise.

Esther Dakin-Poole BATA Council Member

BATA <http://bataonline.org.uk>

WHO - GATE https://www.who.int/phi/implementation/assistive_technology/phi_gate/en/

Your personal details:

Name: _____

Age: _____

E-mail: _____ Mobile/telephone no. _____

Do you have a disability? Yes No Do you use any assistive product/device? Yes No

If yes, what kind? Mobility Vision Hearing Communication Cognition Environment

Would like to be contacted in the future? Yes No

✓ Tick maximum 16 products which you consider important

1. Mobility

Area	Name of Product (ISO Code)		Explanation		
Crutches	1	Axillary crutches ISO 12.03.12		Devices providing support when walking that have a horizontal padded support that is placed against the upper body next to the armpit.	<input type="checkbox"/>
	2	Elbow crutches ISO 12.03.06		Devices, adjustable in height, providing support when walking that have a semi-circular support for the elbow, a horizontal hand grip, a single shaft, and one tip.	<input type="checkbox"/>
Walking sticks and canes	3	Walking sticks/canes ISO 12.03.03		Adjustable/non-adjustable mobility device with a handgrip.	<input type="checkbox"/>
	4	Tripod/Quadripod sticks ISO 12.03.16		Device providing support when walking that has a single shaft that branches into three or four shafts, each of which ends with a non-slip tip (ferrule).	<input type="checkbox"/>
Walkers	5	Walking frames ISO 12.06.03		Frame that helps a person to maintain stability and balance while walking or standing, with either four tips (ferrules) or two tips and two castors.	<input type="checkbox"/>
	6	Rollators ISO 12.06.06		Frame that help a person to maintain stability and balance while walking, that has hand grips and three or more wheels (with or without a platform).	<input type="checkbox"/>
Wheelchairs	7	Manual wheelchairs – basic type for active users ISO 12.22.03		Intended to be self-propelled by the users by pushing rims or wheels. Can be used indoor/outdoor and on various types of terrain.	<input type="checkbox"/>
	8	Manual wheelchairs - push type		Only for indoor use and limited outdoors, pushed by an attendant.	<input type="checkbox"/>
	9	Manual wheelchairs – intermediate/advanced type ISO 12.22.03		Manual wheelchairs with postural support that can be adjusted to the individual user's needs.	<input type="checkbox"/>
	10	Sports wheelchairs ISO 12.22.03		Light-weight wheelchairs for sports.	<input type="checkbox"/>
	11	Electrical wheelchairs ISO 12.23.06		Wheelchair powered by battery.	<input type="checkbox"/>
	12	Electrical wheelchairs with postural support ISO 12.23.06		Wheelchairs with postural support powered by battery.	<input type="checkbox"/>
	13	Tricycles (three-wheeled cycles) ISO 12.18.09		Trikes or three-wheeled cycles for greater mobility and mostly for outdoor use.	<input type="checkbox"/>
Lower limb orthoses	14	Foot Orthoses (FO) ISO 06.12.03		Orthosis that encompass the whole or part of the foot. Included are, e.g.: insoles and shoe inserts, pads, arch supports, heel cushions.	<input type="checkbox"/>
	15	Footwear for diabetes/neuropathic foot ISO 06.12.03/09.03.42		Orthopaedic shoes to reduce or distribute load on tissue to prevent injuries in the development of a diabetic foot.	<input type="checkbox"/>

	16	Orthopaedic shoes or footwear ISO 06.12.03/09.03.42		Footwear intended to treat or compensate for the impaired body functions or body structures of a person's leg, ankle and foot.	<input type="checkbox"/>
	17	Foot abduction braces/ Club foot braces/splints		Device used in the treatment of club foot.	<input type="checkbox"/>
	18	Ankle Foot Orthoses (calliper/brace) (AFO) ISO 06.12.06		Orthosis that encompasses the ankle joint and the whole or part of the foot.	<input type="checkbox"/>
	19	Knee orthoses (calliper/brace) (KO) ISO 06.12.09		Orthosis that encompasses/supports the knee joint.	<input type="checkbox"/>
	20	Knee ankle foot orthoses (calliper/brace) (KAFO) ISO 06.12.12		Orthosis that encompasses the knee and ankle joints and the foot.	<input type="checkbox"/>
Upper limb orthoses	21	Hand splints (cock-up/wrist immobilizer) ISO 06.06.12		Used to stabilize (immobilize) the wrist and hand in the desired position to rest the joint, tendons, ligaments or maintain a certain bone alignment.	<input type="checkbox"/>
	22	Static wrist-hand orthoses (WHO) /splints ISO 06.06.12		Orthosis that encompasses the wrist joint and the hand to maintain functional position of the hand and prevent wrist and hand deformities.	<input type="checkbox"/>
	23	Shoulder slings		A sling is a bandage used to support an injured arm.	<input type="checkbox"/>
Spinal orthoses	24	Thoraco-lumbo-sacral orthoses ISO 06.03.09		Orthosis that encompasses the whole or part of the thoracic, lumbar and sacro-iliac regions of the trunk.	<input type="checkbox"/>
	25	Cervical orthoses ISO 06.03.12		Orthosis that supports the whole or part of the cervical spine.	<input type="checkbox"/>
Lower limb prostheses	26	Below knee lower limb prosthesis ISO 06.24.09		Device that replaces part of the lower limb between the knee joint and the ankle joint after amputation or in cases of limb deficiency (includes trans-tibial, foot prosthesis and partial foot prosthesis).	<input type="checkbox"/>
	27	Above knee lower limb prosthesis ISO 06.24.15		Device that replaces part of the lower limb between the hip joint and the knee joint after amputation or in cases of limb deficiency (includes trans-femoral, knee disarticulation and hip disarticulation prosthesis).	<input type="checkbox"/>
Upper limb prostheses	28	Trans-humeral (above elbow) upper limb prosthesis ISO 06.18.15		Device that replaces part of the upper limb between the shoulder and elbow joints after amputation or in cases of limb deficiency.	<input type="checkbox"/>
	29	Trans-radial (below elbow) upper limb prosthesis ISO 06.18.09		Device that replaces part of the upper limb between the wrist and elbow joints after amputation or in cases of limb deficiency.	<input type="checkbox"/>
Special devices for children with developmental delays	30	Adjustable walkers for children		Assists children with any kind of developmental delays to walk.	<input type="checkbox"/>
	31	Table/seating frames		Specially designed seat and desk for children with any kind of developmental delay for seating and standing.	<input type="checkbox"/>

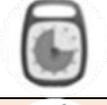
	32	Adjustable standing frames ISO 04.48.08		Standing frame that provides angle adjustable supine and prone full body support option for children with range of mobility and developmental delay.	<input type="checkbox"/>
2. Vision					✓ Tick maximum 9 products which you consider important
Area	Name of Product (ISO Code)		Explanation		
Spectacles	33	Spectacles for short distance/Reading glasses ISO 22.03.06		Eyeglasses that help correct close-range vision issues for selected fixed power range.	<input type="checkbox"/>
	34	Spectacles for long distance ISO 22.03.06		Distance glasses focus on things that are further away in positive selected power grades.	<input type="checkbox"/>
	35	Eyeglasses for low vision ISO 22.03.06		Special glasses for Gross magnification (of selected positive power).	<input type="checkbox"/>
Magnifying devices	36	Magnifying glasses ISO 22.03.09		Convex lens that is used to produce a magnified image of an object.	<input type="checkbox"/>
	37	Hand-held digital magnifiers ISO 22.03.18		Portable systems that display an enlarged image of a close object captured by a video camera.	<input type="checkbox"/>
	38	Pc Magnifiers		Magnification and screen reading software for the visually impaired and helps countless individuals Some features Color Enhancement Transition Effects - Smooth Mouse Pointers.	<input type="checkbox"/>
Tactile sticks	39	White canes (folding or non-folding) ISO 12.39.03		Devices for navigation or identification of the surroundings used by a person with a visual impairment.	<input type="checkbox"/>
Interactive products	40	Refreshable braille displays ISO 22.39.05		Electro-mechanical device for displaying braille characters, usually by means of round-tipped pins raised through holes in a flat surface.	<input type="checkbox"/>
	41	Text to speech software		Software that reads selected text.	<input type="checkbox"/>
	42	Screen readers ISO 22.39.12		Software that interprets what is being displayed on the screen and presents it to the user with text-to-speech, sound icons, or a Braille output.	<input type="checkbox"/>
	43	Screen Reader for Smart Phone/tablet		Communication device with screen reading software also used for reading books and newspaper and also for GPS based navigation.	<input type="checkbox"/>
Products for writing	44	Portable braille note takers ISO 22.12.21		Portable devices that use either a Braille or keyboard for input and voice and/or refreshable Braille for output.	<input type="checkbox"/>
	45	Braille Printers		Printer that generates Braille embossed paper documents.	<input type="checkbox"/>
	46	Braille writing equipment ISO 22.12.12		Devices for manual Braille input entry for producing Braille onto paper.	<input type="checkbox"/>

	47	Braille translation software ISO 22.39.12		Braille translation software converts electronic files into Braille.	<input type="checkbox"/>
	48	Automatic Speech Recognition software		Software for transcription of spoken language into readable text on a screen in real time.	<input type="checkbox"/>
Talking devices	49	Talking calculators ISO 22.15.06		Calculating device that presents calculations in sounds.	<input type="checkbox"/>
	50	Talking/touching watches ISO 22.27.12		Timekeeping device that presents the time as sounds.	<input type="checkbox"/>

3. Hearing					✓ Tick maximum 7 products which you consider important
Area	Name of Product (ISO Code)		Explanation		
Hearing aids	51	Body worn hearing aids ISO 22.06.06		Device worn attached to the person's clothes or hanging around her/his neck that amplifies sound.	<input type="checkbox"/>
	52	Behind the ear hearing aids ISO 22.06.15		Devices worn behind the ear to amplify sound.	<input type="checkbox"/>
	53	In the ear or in the canal hearing aids ISO 22.06.12		Partial or completely in the canal. Devices worn in the ear or in the year canal to amplify sound.	<input type="checkbox"/>
	54	Hearing aid rechargeable batteries and chargers		Devices to re-charge hearing aid batteries using electric/solar power.	<input type="checkbox"/>
Communication products	55	Amplified telephones ISO 22.24.03		Type of telephone that is designed to amplify sound for people with a hearing impairment.	<input type="checkbox"/>
	56	Video communication devices		Device that allows for interaction achieved by means of a video link.	<input type="checkbox"/>
	57	Text to Text Communication Device		Wired/wireless (often battery operated) real time text-to-text communication among 2 - 4 people.	<input type="checkbox"/>
	58	Device/software for gesture to voice technologies		Sign language is converted into speech and speech into text or sign language.	<input type="checkbox"/>
	59	DeafBlind Communicator (DBC)		Consists of a Braille note-taker linked by Bluetooth to a mobile phone.	<input type="checkbox"/>
Signalling products	60	Doorbell indicators ISO 22.27.03		Flashing device activated when doorbell rings.	<input type="checkbox"/>

	61	Fire and smoke alarm signallers ISO 22.27.09		Flashing strobe light and/or a vibrating pad that can be placed under the pillow which activate when the smoke alarm sounds.	<input type="checkbox"/>
	62	Vibrating multi-sound wrist bracelets ISO 22.27.09		Notifies user with vibrations when different sounds are detected (e.g. telephone, doorbell, baby-cry, etc.).	<input type="checkbox"/>
Other products	63	Captioning TVs ISO 22.18.21		Audio portion of the television program is converted into written words, which appear in a window on the screen.	<input type="checkbox"/>
	64	Automatic speech recognition in captioning systems		Auditory information picked-up by an ASR is translated into text and displayed for the deaf user.	<input type="checkbox"/>

4. Communication					✓ Tick maximum 4 products which you consider important
Area	Name of Product (ISO Code)		Explanation		
Non-electronic AAC	65	Communication boards/books ISO 22.21.03		Communication displays consisting of photographs, symbols, words/letters or a combination of all three.	<input type="checkbox"/>
	66	Communication cards ISO 22.21.03		Users point to the picture representing need or exchange picture for object depicted.	<input type="checkbox"/>
Electronic AAC	67	Face-to-face communication software ISO 22.21.12		Software for direct communication - based on symbols or text - which supplements or replaces speech or verbal communication.	<input type="checkbox"/>
	68	Symbols generating software		Enables the creation of individualised low/no technology communication tools (i.e. communication boards/books/cards).	<input type="checkbox"/>
	69	AAC apps		Augmentative and Alternative Communication (AAC) application for SMART phones to facilitate communication.	<input type="checkbox"/>
Accessories	70	Head mouse		Helps paralyzed people interact with computers, using head movements to perform common operations such as typing, copying and pasting.	<input type="checkbox"/>
	71	Head-mouth sticks ISO 24.18.15		Accessory mounted to the head or mouth used as a keyboard aid, a pencil holder, accessing a communication board or for turning pages.	<input type="checkbox"/>
	72	Keyboard and mouse emulation software ISO 22.36.18		Software that reproduces the keyboard on the device screen and/or allows control of mouse pointer movement and/or click functions.	<input type="checkbox"/>

5. Cognition				✓ Tick maximum 9 products which you consider important
Area	Name of Product (ISO Code)		Explanation	
Multiple uses	73	Personal Digital Assistants (PDA) ISO 22.33.06	 Computers that can be powered with batteries and thus can be used anywhere - includes mobile phones such as smartphones and tablets.	<input type="checkbox"/>
Memory Aids	74	Recorders (Dictaphone) ISO 22.18.08	 Portable devices that can record, store, and replay audible information to facilitate the recall of facts or appointments.	<input type="checkbox"/>
	75	Watch with pre-programmed task reminders	 Watch that can be programmed by user or by carers with audible alarms or text messages that bring the user attention to a task.	<input type="checkbox"/>
	76	Pill organizers ISO 04.19.04	 Special container for storing scheduled doses of one's medications to keep track of whether or not the user has taken the medication.	<input type="checkbox"/>
Time devices	77	Visual timers	 Operated by the user or support person to enable the user to stay on task, complete task on time, wait without anxiety among many other uses.	<input type="checkbox"/>
	78	Time orientation products	 Products that support orientation in time (year, season, month, date, weekday, part of day, clock-time).	<input type="checkbox"/>
	79	Time management products ISO 22.27.15	 Products that support ordering events in chronological sequence and allocating amounts of time to events and activities.	<input type="checkbox"/>
Locator devices	80	Portable GPS trackers ISO 22.27.24	 Small portable GPS devices that come in different shapes and sizes and are powered by batteries.	<input type="checkbox"/>
	81	GPS locator watch/locator ISO 22.27.24	 GPS tracking device integrated in watch or in another object that can be carried.	<input type="checkbox"/>
	82	Item locators	 Devices that can help locate commonly mislaid items in the home such as keys, wallets, glasses case etc. or warn user when any tagged items have wandered outside of a user-set boundary.	<input type="checkbox"/>
Navigation devices	83	Portable navigation aids ISO 12.39.06	 Product that supports users to walk from one location to another.	<input type="checkbox"/>
	84	Portable travel aids ISO 12.39.06	 Product that supports user to travel from one location to another, with route data and information on public transportation services, payments and outdoor navigation.	<input type="checkbox"/>
Communication and language tools	85	Simplified mobile phones	 Easy to use mobile phones i.e. easy interface, big buttons for facilitating calling or texting, etc.	<input type="checkbox"/>
	86	Word completion programs ISO 22.12.24	 Programs that predict whole words on the basis of the first few letters typed by the user.	<input type="checkbox"/>

	87	Picture based navigation software		Takes through pre-programmed daily-living tasks, step-by-step using pictures for each step.	<input type="checkbox"/>
Alarms	88	Personal emergency alarm systems ISO 22.27.18		Device either operated by the user or activated automatically in case of personal emergency to notify the user or obtain help from another individual or service.	<input type="checkbox"/>
	89	Fall detectors		Fall detectors are worn by the person and will trigger an alert to a carer if an impact is detected and/or the person remains in a lying position. The device then sends an alarm signal to a carer or monitoring centre.	<input type="checkbox"/>
	90	Medical Alert ID		Smart ID allows for communication of medical conditions and emergency contact information.	<input type="checkbox"/>

6. Environment

✓ Tick maximum 5 products which you consider important

Area	Name of Product (ISO Code)		Explanation		
Handrails and grab bars	91	Handrails and support rails ISO 18.18.03		Bars, usually cylindrical, attached to a wall, floor or other stable structure that provide the means for a person to support or stabilize themselves.	<input type="checkbox"/>
	92	Grab bars and handgrips (fixed or removable) ISO 18.18.06 / 18.18.10		Straight or angled bars that provide support to a person while changing position, standing or walking.	<input type="checkbox"/>
Assistive products for washing	93	Shower chairs ISO 09.33.03		Waterproof chair/stool with or without castors that support seating in the shower. It may include armrests, adjustable height legs, and reclining facilities.	<input type="checkbox"/>
	94	Bath/shower seats ISO 09.33.03		Devices for supporting sitting during bathing or showering.	<input type="checkbox"/>
Assistive products for toileting	95	Toilet seat raisers ISO 09.12.15		Raised toilet seats that can easily be removed from the WC pan.	<input type="checkbox"/>
	96	Commode chairs ISO 09.12.03		Chairs, with or without castors, with a built-in collection receptacle used for toileting away from the bathroom.	<input type="checkbox"/>
Beds	97	Pressure relief mattress ISO 04 33 06		Prevent pressure injuries by dispersing pressure away from bone protrusions.	<input type="checkbox"/>
Wheelchair accessories	98	Pressure relief cushions ISO 04.33.03		Device for tissue integrity through redistribution of the load on the buttocks.	<input type="checkbox"/>
	99	Portable ramps ISO 18.30.15		Moveable sloping surfaces that bridge a limited gap between two levels.	<input type="checkbox"/>
	100	Sliding boards, sliding mats and turning sheets ISO 12.31.03		Devices for changing position or direction of a person sitting or lying, using sliding techniques.	<input type="checkbox"/>