

No.5-46/2015/DD-I
Government of India
Ministry of Social Justice & Empowerment
Department of Empowerment of Persons with Disabilities

Paryavaran Bhawan, CGO Complex, New Delhi-110 003

Dated the 5th May, 2016

OFFICE MEMEORANDUM

Subject: Aids and assistive devices approved for Orthopedically Impaired for financial assistance under revised ADIP Scheme-forwarding of.

The undersigned is directed to say that the Scheme of Assistance to Disabled Persons for purchase/fitting of aids/appliances (ADIP), administered by the Department of Disability Affairs has been revised w.e.f. 01.04.2014.

2. Para 7: Quantum of Assistance, sub-para (ii) of the Scheme is as under:

“For providing modern assistive devices for all categories of PwDs both physical and mental and multiple disability impaired groups, e.g. Daisy Book players and other Talking Devices, Net Book Laptop and Digital Magnifiers for visual impairment and Behind the Ear (hearing aid) for hearing impairment, the items will be decided by an Expert Committee constituted in the Department of Disability Affairs with the approval of Minister for Social Justice & Empowerment.....”.

3. Accordingly an Expert Committee was constituted in the Department under the Chairpersonship of Secretary (DEPwD) vide Order dated 11.04.2014 to decide and list out modern assistive devices for all categories of Persons with Disabilities (PwDs) under the revised ADIP Scheme. Thereafter, based on the recommendations of various Core Groups and with the approval of Competent Authority, the Department had notified contemporary aids and assistive devices for distribution under ADIP Scheme to Visually Impaired, Leprosy Affected, Hearing Impaired and Kits for persons with intellectual and developmental disabilities.

4. In order to finalize contemporary aids and assistive devices for Orthopedically Impaired, a meeting of the Core Group for Orthopedically Impaired was held under the Chairmanship of Secretary (DEPwD) on 11.09.2015 and 21.03.2016. Approval of the Competent Authority is hereby conveyed to the following decisions taken in the meetings of Core Group for Orthopedically Impaired:

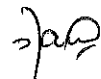
A. Approved the modified list of High-end Mobility Devices, Prosthetic Devices & Other P&O Devices as discussed in the meeting held on 21.03.2016 (**Annexure-I**).

B. Reiterated the following decisions taken in the Core Committee meeting held on 11th September, 2015:

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- I. Recommended criteria for High-End Prosthesis appended to Annexure-IC of Department of Health & FW's OM No. S- 11011/25/2014 dated 08.07.2014 not to be applied for distribution of High End Lower Extremity Prosthetics devices under ADIP Scheme.
- II. Rates approved by the Department of Health & FW will be the upper limit subject to adherence of the provisions contained in General Financial Rules by Implementing Agencies for procurement of Prosthetics, Orthotics and mobility aids under ADIP Scheme.
- III. As provided in the ADIP Scheme, in respect of all expensive items costing above Rs. 20,000/- Government of India shall bear 50% of cost of those items listed by the Committee and the remainder shall be contributed by either the State Govt. or the NGO or any other agency or by the beneficiary concerned subject to prior approval of Ministry on case to case basis; limited to 20% of the Budget under the Scheme.
- IV. Revised Assessment Format for High-End Prosthetics & Orthotic Aids/Appliances under ADIP Scheme worked out by the Technical Specification Committee is accepted (**Annexure-II**).
- V. Bilateral requirement is to be allowed as per provisions of ADIP Scheme.
- VI. List may be revised by the Committee, whenever required.

Encl: As above



(S.K. Mahto)

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1. All Principal Secretaries/Secretaries Social Welfare/Social Justice Department in States/UTs
2. Chairman-cum-Managing Director, Artificial Limbs Manufacturing Corporation of India, G. T. Road, Kanpur, Uttar Pradesh.
3. Joint Secretary & FA, M/o Social Justice & Empowerment, Shastri Bhawan, New Delhi.
4. Director, Pt. Deendayal Upadhyay Institute for Physically Handicapped, 4, Vishnu Digamber Marg, New Delhi.
5. Director, Swami Vivekanand National Institute for Rehabilitation Training & Research, Olatpur, Bairoi, Cuttack, Odisha
6. Director, National Institute for the Orthopaedically Handicapped, B.T. Road, Bon-Hooghly, Kolkata.

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7. Director, National Institute for Mentally Handicapped, Manovikasnagar, Secunderabad-500 009.
8. Director, National Institute for Empowerment of Persons with Multiple Disabilities, East Coast Road, Muttukaddu, Kovalam Post, Chennai- 603 112.
9. Members of Technical Specification Committee Members
 - (i) Prof. Sanjay Wadhwa, AIIMS, New Delhi.
 - (ii) Shri Rajnish Kumar Sharma, Asstt. Prof (P&O), PDDUIPH, NewDelhi
 - (iii) ShriG.S. Chaudhary, P&O Officer, ALIMCO, Kanpur
 - (iv) Shri S.N. Rout, Asst. Prof./HOD (Prosthetics & Orthotics), SVNIRTAR, Cuttack.
 - (v) Shri. Prasanna Lenka, Lecturer, P&O, NIOH, Kolkata.
10. PS to Minister (SJ&E)/PS to Minister of State (SJ&E-KP)/Sr.PPS to Secretary (DEPwD)/PPS to JS (AKA), DEPwD.

Technical Specifications and Cost of the High-End Prosthetic & Orthotic Devices and Other Mobility Aids approved for financial assistance under ADIP Scheme.

LOWER EXDTREMITY PROSTHESIS

Sl.No	Name of the Prosthetic Devices	Indicative Price Maximum (Above 12 years) (in Rs.)	Indicative Price Maximum (Up to 12 years) (in Rs.)
01	Trans-tibial Prosthesis (Below Knee) with Stainless Steel/Aluminium Socket Adapter with Stainless Steel/Aluminium pylon tube with Stainless Steel/Aluminium Tube Clamp Adapter with stainless steel/Aluminium Foot Adapter with PU foam foot/SACH foot with sleeve suspension/Suspension Strap/Suction with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	20,000/-	18,140/-
02	Trans-tibial Prosthesis (Below Knee) with Stainless Steel/Aluminium Socket Adapter with Stainless Steel/Aluminium pylon tube with Stainless Steel/Aluminium Tube Clamp Adapter with Stainless Steel/Aluminium Foot Adapter with PU foam foot/SACH foot with sleeve suspension with cosmetic cover with coloured socks with laminated/thermo-mouldable socket with Silicone/PU Liner	37,000/-	35,140/-
03	Trans-tibial Prosthesis (Below Knee) with Stainless Steel/Aluminium Socket Adapter with Stainless Steel/Aluminium pylon tube with Stainless Steel/Aluminium Tube Clamp Adapter with Stainless Steel/Aluminium Foot Adapter with PU foam foot/SACH foot with sleeve suspension with cosmetic cover with coloured socks with laminated/thermo-mouldable socket with Silicone/PU Liner with Shuttle Lock	45,500/-	43,640/-

04	Trans-tibial Prosthesis (Below Knee) with Carbon Fiber composite shank with sleeve suspension/strap suspension with multi-axial foot with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	48,000/-	Not applicable
05	Trans-tibial Prosthesis (Below Knee) with Stainless Steel/Aluminium Socket Adapter with Stainless Steel/Aluminium pylon tube with Stainless Steel/Aluminium Tube Clamp Adapter with Stainless Steel/Aluminium Foot Adapter with Dynamic Response/Energy Storing Foot with sleeve suspension with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	26,700/-	Not applicable
06	Trans-tibial Prosthesis (Below Knee) with Stainless Steel/Aluminium Socket Adapter with Stainless Steel/Aluminium pylon tube with Stainless Steel/Aluminium Tube Clamp Adapter with Stainless Steel/Aluminium Foot Adapter with Dynamic Response/Energy Storing Foot with sleeve suspension with cosmetic cover with coloured socks with laminated/thermo-mouldable socket with Silicon/ PU Liner etc.	43,700/-	Not applicable
07	Trans-tibial Prosthesis (Below Knee) with Stainless Steel/Aluminium Socket Adapter with Stainless Steel/Aluminium pylon tube with Stainless Steel/Aluminium Tube Clamp Adapter with Stainless Steel/Aluminium Foot Adapter with Dynamic Response/Energy Storing Foot with sleeve suspension with cosmetic cover with coloured socks with laminated/thermo-mouldable socket with Silicon/ PU Liner with Shuttle Lock etc.	52,200/-	Not applicable
08	Through Knee Prosthesis (TK) with Stainless Steel four bar linkage/equally compatible Knee joint with socket adapter with Stainless Steel pylon tube with stainless steel foot adapter with PU foam foot/SACH foot with TES Suspension/ or Suction suspension with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	51,940/-	49,900/-

09	Through Knee Prosthesis (TK) with Stainless Steel four bar linkage Knee joint with socket adapter with Stainless Steel Tube with Stainless Steel foot Adapter with Dynamic Response Foot/Energy Storing Foot with TES suspension with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	58,640/-	Not applicable
10	Trans-femoral (Above Knee) Prosthesis with Stainless Steel four bar linkage polycentric Knee joint with socket adapter with Stainless Steel pylon tube with stainless steel foot adapter with PU foam foot/SACH Foot with TES suspension with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	49,980/-	49,980/-
11	Trans-femoral (Above Knee) Prosthesis with Stainless Steel four bar Linkage Polycentric knee joint with socket adapter with Stainless Steel pylon tube with stainless steel foot adapter with PU foam foot/SACH foot with TES and Suction suspension with Silicon liner with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	70,280/-	61,140/-
12	Trans-femoral (Above Knee) Prosthesis with Stainless Steel Four bar linkage Polycentric knee joint with socket adapter with Stainless Steel pylon tube with Stainless Steel foot adapter with PU foam foot/SACH foot with TES suspension with Silicon or PU Liner with Shuttle Lock and pin mechanism with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	78,780/-	69,640/-
13	Trans-femoral (Above Knee) Prosthesis with Stainless Steel four bar linkage polycentric Knee joint with socket adapter with Stainless Steel pylon tube with stainless steel foot adapter with Dynamic response foot with TES suspension with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	51,340/-	Not applicable

14	Trans-femoral (Above Knee) Prosthesis with Stainless Steel four bar Linkage Polycentric knee joint with socket adapter with Stainless Steel pylon tube with stainless steel foot adapter with Dynamic response foot with TES and Suction suspension with Silicon liner with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	64,540/-	Not applicable
15	Trans-femoral (Above Knee) Prosthesis with Stainless Steel four bar Linkage Polycentric knee joint with socket adapter with Stainless Steel pylon tube with stainless steel foot adapter with Dynamic response foot with TES suspension with Silicon or PU liner with Shuttle Lock and pin mechanism with cosmetic cover with coloured socks with laminated/thermo-mouldable socket etc.	73,040	Not applicable
16	Hip Disarticulation Prosthesis with polycentric or single axis hip joint with polycentric or single axis knee joint with extension assist devices with pylon shank tube with angle thigh tube with socket and foot adapter with PU foam foot/SACH foot with cosmetic cover with coloured socks with laminated or thermo-mouldable socket etc.	75,000/-	Not applicable
17	Syme's prosthesis with good quality high end durable Syme foot (SACH Foot with external keel) as prefabricated components.	19,300/-	19,300/-

UPPER EXTREMITY PROSTHETICS

S.No.	Name of Prosthesis	Indicative Price (in Rs.) (Above 12 years of age)	Indicative Price (in Rs.) Child (7-12 Years)
1.	Silicone Finger Prosthesis each	7,000/-	5,000/-
2.	Silicone Thumb Prosthesis each	8,000/-	6,000/-
3.	Silicone Partial Hand Prosthesis each	35,000/-	25,000/-
4.	Trans Radial or Below Elbow / Wrist Disarticulation Passive Prosthesis	10,000/-	5,000/-
5.	Body Powered Prosthesis (Trans Radial or Below Elbow / Wrist Disarticulation) Its components includes trans radial kit and socket	17,000/-	12,000/-
6.	Trans Humeral or Above Elbow / Elbow Disarticulation Passive Prosthesis	20,000/-	10,000/-
7.	Body Powered Prosthesis (Trans Humeral or Above Elbow / Elbow Disarticulation)	28000/-	22000/-
8.	Shoulder Disarticulation Passive Prosthesis	30,000/-	20,000/-
9.	Shoulder Disarticulation body powered Prosthesis	37,000/-	28,000/-

HIGH END UPPER EXTREMITY PROSTHESIS

S.No.	Name of Prosthesis	Indicative Price (in Rs.) (Above 12 years of age)
1.	Externally Powered below elbow or Trans radial / Wrist Disarticulation prosthesis (It include:-Hand, Lithium ion Battery (one pair) with cover Electrodes, Wrist Unit Battery Charger & Transformer, Electrodes cable, Connector block cable, Silicone Glove, Flexible inner Liner and socket etc.	1,29,500/-
2	Externally Powered Trans Humeral / Elbow Disarticulation Prosthesis (It includes:-Hand Lithium ion Battery (one pair) with cover Electrodes, Wrist Unit, Mechanical Elbow,	1,76,500/-

Battery Charger & Transformer, Electrode cable, Connector block cable Silicone Glove, Flexible inner Liner and sockets, etc.	
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LOWER EXTREMITY ORTHOSIS

S.No.	Name of Orthosis	Indicative Price (in Rs.) (Above 12 years)
1.	Reciprocating Gait Orthosis	32,000/-
2.	Off Loader Knee Orthosis (Unit Price)	17,000/-

SPINAL ORTHOSIS

S.No.	Name of Orthosis	Indicative Price (in Rs.) (Above 12 years)
1.	HALO Brace	15,000/-

MOBILITY AIDS

S.No.	Name of Mobility Aids	Indicative Price (in Rs.) (Above 12 years of age)
1.	Motorized Wheel chair (i) Quadriplegic wheel chair with Chin and Head Control (ii) Quadriplegic wheel chair with joy stick (iii) Motorized wheel chair (Handle driven)	1,10,000/- 60,000/- 35,000/-

Assessment format for High-End Prosthetic & Orthotic Aids/Appliances under ADIP Scheme

- 1. Name Age: Sex: Weight:
Height:
- 2. Address & Contact Details (Mobile/Email)
- 3. Activity Level (Tick Mark): K0 /K1 /K2 /K3 /K4
- 4. Locomotor Capability Index (please tick mark the score that best describe the outcome):

Particulars	NO	YES, if someone helps me	YES, if someone is near me	YES, alone, with ambulation aids	YES, alone, without ambulation aids
Basic Activities					
1. Get up from a chair	0	1	2	3	4
2. Walk in the house	0	1	2	3	4
3. Walk outside on even ground	0	1	2	3	4
4. Go up the stairs with a handrail	0	1	2	3	4
5. Go down the stairs with a handrail	0	1	2	3	4
6. Step up a sidewalk curb	0	1	2	3	4
7. Step down a sidewalk curb	0	1	2	3	4
Basic Activities Score					
Advance activities					
1. Pick up an object from the floor (when you are standing up with your prosthesis)	0	1	2	3	4
2. Get up from the floor (e.g. if you fall)	0	1	2	3	4
3. Walk outside on uneven	0	1	2	3	4

ground (e.g. grass, gravel, slope)					
4. Walk outside in inclement weather (e.g. snow, rain, ice)	0	1	2	3	4
5. Go up a few steps (stairs) without a handrail	0	1	2	3	4
6. Go down a few steps (stairs) without a handrail	0	1	2	3	4
7. Walk while carrying an object.	0	1	2	3	4
Advanced Activities Score					
Total Score					

5. Socket Comfort Score (rate between 0 to 10) :

(0- Most uncomfortable socket, 5- Medium comfort , 10- represents most comfortable)

6. Walking Ability Index (tick mark the best option) 1-6) mentioned below)

1. Normal Gait - fully mobile with Prosthesis/Orthosis, normal walking pattern.
2. Abnormal Gait - fully mobile with Prosthesis/Orthosis, abnormal walking pattern.
3. Use of 1 stick or crutch.
4. Use of 2 sticks or crutches.
5. Walking with a frame only.
6. Unable to walk - uses a wheelchair.

7. Assessment of Capacity for Myoelectric Control(ACMC)

Rate on 4 point scale (zero = not capable, 1 = sometimes capable, capacity not established, 2 = capable on request, and 3 = spontaneously capable) the capacity in gripping, holding, releasing and coordinating.

- a. Gripping :
- b. Holding
- c. Releasing
- d. Coordinating

8. Gait Parameter

- a. Step length (Left/Right)
- b. Cadence
- c. Stride duration
- d. Velocity