



**USAID'S HEALTH EVALUATION AND APPLIED RESEARCH DEVELOPMENT (HEARD) PROJECT**

**Appendix D Standard Rubric**

Domain	Testable skill	Inadequate skill (0)	Emerging skill (1)	Adequate skill (2)	Time allocation
Assessment	Able to ask questions about what ADL/IADLs the client wants to accomplish	Does not ask any questions about ADL/IADLS or asks irrelevant questions to ADL/IADLS	Asks 3-5 questions relevant to ADL/IADLS and some follow up questions (when warranted)	Asks 5 or more questions relevant to ADL/IADLS and many follow up questions (when warranted)	5 min
	Able to write the client relevant goals				
	Able to conduct interview with the client to obtain relevant information e.g. <ul style="list-style-type: none"> <li><input type="checkbox"/> physical condition</li> <li><input type="checkbox"/> posture</li> <li><input type="checkbox"/> lifestyle and environment</li> <li><input type="checkbox"/> existing wheelchair</li> <li><input type="checkbox"/> presence, risk or history of pressure sores</li> <li><input type="checkbox"/> method of pushing</li> <li><input type="checkbox"/> personal objectives (goals)</li> </ul>	Does not ask any questions about relevant information as listed	Asks 3-5 questions about relevant information as listed	Asks the majority of 7 questions about relevant information as listed	10 min
	Able to perform necessary (basic) measurements <ul style="list-style-type: none"> <li><input type="checkbox"/> hip width</li> <li><input type="checkbox"/> seat depth</li> <li><input type="checkbox"/> calf length</li> <li><input type="checkbox"/> backrest height</li> </ul>	Places measurement tool improperly and performs less than half of all measurements	Places measurement tool properly and performs at least half of all measurements	Places measurement tool properly and performs the majority of 11 measurements	15 min



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	<input type="checkbox"/> seat width <input type="checkbox"/> seat depth <input type="checkbox"/> seat height <input type="checkbox"/> backrest height <input type="checkbox"/> footrest height <input type="checkbox"/> frame length <input type="checkbox"/> wheelbase				
	Able to observe the client push the wheelchair	Does not observe the client push the wheelchair	Observes the client push the wheelchair but cannot explain what s/he observes	Observes the client push the wheelchair and can explain what s/he observes	
	Able to observe the client do transfers	Does not observe the client do transfers	Observes the client do transfers but cannot explain what s/he observes (techniques)	Observes the client do transfers and can explain what s/he observes (techniques)	
<b>Prescription (selection)</b>	Able to perform specific checks on the wheelchair before fitting i.e. <ul style="list-style-type: none"> <li><input type="checkbox"/> wheelchair frame</li> <li><input type="checkbox"/> castor and rear wheels</li> <li><input type="checkbox"/> footrests</li> <li><input type="checkbox"/> armrests</li> <li><input type="checkbox"/> backrest height</li> <li><input type="checkbox"/> rear wheels position support and comfort</li> </ul>	Does not perform specific fitting checks as listed	Performs half (3-4) of specific fitting checks as listed	Performs the majority of specific fitting checks as listed	12 min
	Able to describe the most suitable cushion for the client	Cannot describe the most suitable cushion	Can describe the most suitable cushion without any suggestion	Can describe the most suitable cushion by suggesting off-the-shelf or customized cushion	3 min
<b>Fitting</b>	Able to observe the client sit from front/back and side view	Does not observe the client sit from front/back and side view	Observes the client sit from front/back and side view but cannot explain what s/he observes	Observes the client sit from front/back and side view and can explain what s/he observes	6 min



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	Able to check pressure under the client's seat bones and to test if the cushion works	Does not check pressure	Checks pressure incorrectly – without explanation to the client	Checks pressure correctly by placing his/her fingertips under the client's seat bones, ask the client to sit back down on his/her fingers and then identify how much his/her fingertips can wriggle and explains the test to the client	4 min
	Able to do fitting of individual client. The fitting checks include: <input type="checkbox"/> wheelchair size and adjustments <input type="checkbox"/> posture <input type="checkbox"/> fit while the client is moving	Does not perform fitting checks as listed	Performs half (2) of fitting checks as listed	Performs the majority of fitting checks as listed	5 min
<b>Process</b>	Able to document processes	Does not do any documentation	Does inadequate documentation	Does adequate documentation	-
	Able to follow the WHO guidelines step by step, and not miss any step	Does not follow the guidelines	Follows the guidelines but not orderly	Follow the guidelines orderly	-
	Able to show professionalism, build rapport to the client and work with a client-centered approach	Does not show professionalism, does not build rapport and show client-centered approach	Shows some professionalism, builds rapport and shows some client-centered approach	Shows professionalism and respect, builds rapport and shows client-centered approach	-
<b>Product preparation</b>	Able to assemble and adjust parts of the wheelchair: <input type="checkbox"/> height of backrest, armrests, footrests and push handles <input type="checkbox"/> position of rear wheels and brakes	Does not show ability to do assembly or adjustment	Shows ability to do assembly or adjustment some of the wheelchair parts as listed	Shows ability to do assembly or adjustment the majority of the wheelchair parts as listed	10 min



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	Able to check if the wheelchair is safe and ready to use including: <ul style="list-style-type: none"> <li><input type="checkbox"/> no sharp edges</li> <li><input type="checkbox"/> no parts are damaged or scratched</li> <li><input type="checkbox"/> the wheelchair travels in a straight line</li> <li><input type="checkbox"/> front castor wheels</li> <li><input type="checkbox"/> front castor barrels</li> <li><input type="checkbox"/> rear wheels</li> <li><input type="checkbox"/> brakes</li> <li><input type="checkbox"/> footrests</li> <li><input type="checkbox"/> frames</li> </ul>	Does not check for safety at all	Checks half (4-5) of the safety items as listed	Checks the majority of the safety items as listed	12 min
	Able to check cushion <ul style="list-style-type: none"> <li><input type="checkbox"/> correct cover</li> <li><input type="checkbox"/> during sitting, tight but not too tight</li> <li><input type="checkbox"/> fully covers the seat</li> </ul>	Does not check cushion	Checks cushion by considering some (1-2) of the items as listed	Checks cushion by considering the majority of the items as listed	3 min
<b>User training</b>	Able to train basic level wheelchair mobility skills e.g. <ul style="list-style-type: none"> <li><input type="checkbox"/> pushing</li> <li><input type="checkbox"/> turning</li> <li><input type="checkbox"/> going up and down slopes</li> <li><input type="checkbox"/> going up and down stairs with assistance</li> <li><input type="checkbox"/> partial wheelie with safety</li> </ul>	Does not demonstrate basic level wheelchair mobility skills with safety	Demonstrates 2-3 basic level wheelchair mobility skills as listed with safety	Demonstrates the majority of basic level wheelchair mobility skills as listed with safety	15 min
	Able to train the following: <ul style="list-style-type: none"> <li><input type="checkbox"/> independent transfer from wheelchair to bed</li> <li><input type="checkbox"/> assisted transfer with a transfer board from wheelchair to bed</li> </ul>	Does not demonstrate ability to train any transfer skill	Demonstrates 2-3 transfer skills as listed	Demonstrates the majority of transfer skills as listed	10 min



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	<input type="checkbox"/> assisted standing transfer from bed to wheelchair <input type="checkbox"/> independent transfer from wheelchair to floor <input type="checkbox"/> independent transfer from floor to wheelchair				
	<p>Able to solve common fitting problems including:</p> <input type="checkbox"/> seat depth too short or too long <input type="checkbox"/> footrests height too low or too high <input type="checkbox"/> legs tend to roll inwards or outwards <input type="checkbox"/> wheelchair is too wide <input type="checkbox"/> feet tend to slide off the footrests	Does not demonstrate ability to solve common fitting problems	Demonstrates ability to solve 2-3 common fitting problems as listed	Demonstrates ability to solve the majority of common fitting problems as listed	5 min
<b>Follow-up</b>	<p>Able to explain how to care for wheelchair and cushion at home including:</p> <input type="checkbox"/> clean the wheelchair and cushion <input type="checkbox"/> oil moving parts <input type="checkbox"/> pump up tires <input type="checkbox"/> tighten nuts and bolts <input type="checkbox"/> tighten spokes <input type="checkbox"/> check the cushion	Does not explain care for wheelchair and cushion	Explains care for wheelchair and cushion by explaining 3 of the items as listed	Explains care for wheelchair and cushion by explaining the majority of the items as listed	5 min

