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Rating of ATT Need

	RATING ATT NEED			
ATTILA Sites Key Questions	MOHOST			
ATTILA Sites Key Questions ATTILA Sites Questions		Items (partial)	Domains	
Does the person's motivation put them at risk when doing daily	Does the person's insight put them at higher/lower risk?	Appraisal of Ability	Motivation for	
activity?	Does what is important to the person put them at higher or lower risk?	Choices	Occupation	
Do the person's routines & responsibilities put them at risk	Do the person's routines put them at higher/lower risk?	Routines	Pattern of Occupation	When doing daily activity
when doing daily activity?	Do the person's responsibilities put them at higher/lower risk?	Responsibilities	rattern of occupation	does this issue cause risk?
Does the person's communication skill place them at risk when doing	Does the person's ability to have a conversation put them at higher or lower risk?	Conversation Communication and		If no choose either
daily activity?	Does the person's ability to express their needs put them at higher or lower risk?	Vocal Expression	Interaction Skills	4 no risk , OR
Does the person's cognitive skill place them at risk when doing	Does memory and understanding of how to do things put the person at higher/lower risk?	Knowledge	Process Skills	3 mostly risk free
daily activity?	Does the ability to problem solve put the person at higher/lower risk?	Problem-solving	FTOCESS SKIIIS	If yes choose either
Does the person's physical skill place them at risk when doing	Does the person's mobility put them at higher/lower risk?	Posture & Mobility	Motor Skills	2 some risk, OR
daily activity?	Does the person's grip/dexterity put them at higher/lower risk?	Strength & Effort		1 significant,
Do the features of the physical environment put the person at risk	Does the person's physical space put them at higher/lower risk?	Physical space	Dhysical Environment	multiple risks
when doing daily activity?	Does the persons physical resources put them at higher/lower risk?	Physical resources	Physical Environment	
Does who is involved and how are activities completed put the	Does the support available put them at higher/lower risk?	Social groups	Social Environment	
person at risk when doing daily activity?	Does the way the person completes activity put them at higher/lower risk?	Occupational Demands	•	

Motivation

Key Question	ATTILA Sites Questions	ATT Needs Scale	
Does the	Insight Does the person's insight put them at higher/lower risk? Has service user insight and ability to activate a pendant alarm if requiring assistance e.g. if they have a fall? What is the extent to which the service user is able to be involved in the Telecare process? Was the assessment carried out jointly with the service user? If the person has a history of falls, or has poor mobility, do they avoid mobilising because they lack confidence in their ability to do so safely? If the person lacks confidence in their physical skills, what attempts have been made to date to address this?	Accurately assesses own capacity, recognises strengths, aware of limitations No risk when doing daily activity because the person is mostly doing activities within their ability (appropriately confident), mostly has insight to activate ATT if required, has involvement in ATT process Reasonable tendency to over/under estimate own abilities, recognises some limitations Mostly risk free when doing daily activity, the person is mostly doing activities within their ability (appropriately confident), mostly has insight to activate ATT if required, has involvement in ATT process. Difficulty understanding strengths and limitations without support Some risk when doing daily activity related to the person being over confident (thinking they have the ability to do activity when they do not), under confident (can do the activity but don't think they can), difficulty knowing to activate ATT due to some lack of insight, difficulty being involved in ATT process Does not reflect on skills, fails to realistically estimate own abilities Significant multiple risks when doing daily activity due to no insight into their lack of ability to safely do everyday activity (may appear over confident), lacks confidence to do activities leading to risks lack insight to activate ATT if required, not able to be involved in ATT process	ly cy co
person's motivation put them at risk when doing daily activity?	 Values Does what is important to the person put them at higher or lower risk? Has what is important to the service user been considered in the assessment process, including discussion of options available? Are there domestic or other tasks, which the service user has identified as important which they are currently unable to carry out, for which ATT would be helpful? This may require a functional assessment. Does the service user find the ATT suggested acceptable to their lifestyle, including cultural considerations? Can the deployment of ATT be in keeping with the service user needs, e.g. weighing up the consequences of not using ATT compared with using it? Did user request support, and if so for what purpose? Has the service user/carer been able to trial a device prior to making a final decision? Is the service user willing to explore or trial ATT options before a longer term option is agreed? Is the service user willing to take medication and/or use a medication reminder? 	Clear preferences & sense of what is important, motivated to work towards occupational goals No risk when doing daily activity the person's skills matches what they think is really important to do, they have things that are important to them and are active, support is acceptable to them, willing to explore options Mostly able to make choices, may need encouragement to set and work towards goals Mostly risk free when doing daily activity, the person's skills mostly match what they think is really important to do, they have something's that are important to them and are mostly active, support is marginally acceptable to them but they feel it is important to be independent, reluctantly willing to explore options i.e., they don't want ugly equipment as they are house proud. Difficulties identifying what is important or setting and working towards goals, inconsistent Some risk when doing daily activity due to the person's skills not always matching what they think is really important to do, something's are important to them but can be passive, support is marginally acceptable to them but they feel it is important to be independent, reluctantly willing to explore options i.e., they don't want ugly equipment as they are house proud. Cannot set goals, impulsive, chaotic, goals are unattainable or based on anti-social values Significant multiple risks when doing daily activity due to the person's skills not matching what they think is really important to do, nothing important to them leading to passivity, support is not acceptable to them as they feel it is important to be independent, not willing to explore options i.e., they don't want ugly equipment as they are house proud	ey eel oo is is ee

Routine

Key Question	ATTILA Questions	ATTILA SCALE		
Do the person's routines & responsibilities put them at risk when doing daily activity?	 Wandering/Disorientation Do the person's routines put them at higher/lower risk? What are the service user's daily practices e.g. times and day(s) of the week spent shopping, visiting friends and family, attending day centre. State times that user is alone, usual sleep pattern, etc. Are there risks associated with user's routines, e.g. smoking, abusing alcohol, drugs? Is there a lack of understanding of routines and risks? Are there concerns with regards to 'wandering', disturbances to day/night activity levels, food preparation? Are there any behavioural routines such as restlessness, periods of agitation, verbal or physical aggression or passivity Does the service user sleep in a bed or chair, and in which room? Does the service user get up during the night? Is the reason for this known (how much activity during the day, usual routine, going to the toilet, medication for sleeping)? How often do they get up? What happens when they get up (do they go back to bed or get disorientated)? Does the service user turn on lights as needed during the night? Is the service user at risk of becoming lost if leaving their property alone? Specify related history, including night/day, frequency, regular destinations & patterns. Daily Activity Do the person's responsibilities put them at higher/lower risk? Specify the service user's chosen responsibilities identified as important for their wellbeing, including leisure, domestic and other activities. Does the service user bath/shower independently? Can the service user cook, bathe, dress/undress, shop unaided, do they need 	Able to arrange a balanced, organised and productive routine of daily activates No risk when doing daily routine e.g. productive routine, no wandering, balance of sleeping at night and productive activity during day, up at night but able to go back to bed, calm settled routine Generally able to maintain or follow an organised and productive daily schedule Mostly risk free when doing daily routine including sporadic wandering, disturbance in day/night activity levels, getting up at night and become disoriented, kitchen routines not effective, periods of restlessness, periods of agitation/aggression Difficulty organising balanced, productive routines of daily activities without support Some risk when doing daily routine including some wandering, disturbance in day/night activity levels, getting up at night and become disoriented, kitchen routines not effective, periods of restlessness, periods of agitation/aggression Chaotic or empty routine, unable to support responsibilities and goals, erratic routine Significant multiple risks when doing daily routines including wandering, disturbance in day/night activity levels, getting up at night and become disoriented, kitchen routines not effective, periods of restlessness, periods of agitation/aggression Reliably completes activities and meets the expectations related to role obligations No risk when doing daily responsibilities e.g. including managing medication, safely doing their cooking, able to safely make a hot drink/snack, safely bathe/dress Copes with most responsibilities, meets most expectations, able to fulfill most role obligations		
	their wellbeing, including leisure, domestic and other activities.Does the service user bath/shower independently?	cooking, able to safely make a hot drink/snack, safely bathe/dress Copes with most responsibilities, meets most expectations, able to fulfill most role obligations Mostly risk free when doing daily responsibilities including sporadic difficulties with managing		

Communication

Key Question	ATTILA Questions	ATTILA Scale		
Does the person's communication skill place them at risk when doing	 Conversation Does the person's ability to have a conversation put them at higher or lower risk? Would the service user be able to communicate reliably via the lifeline and/or will they confabulate e.g. if there fire alarm goes off, saying there is not fire, when there is? Is the service user able to verbally communicate their needs effectively? Have the service user and carer been able to discuss different ATT options? Would the service user be able to communicate through the lifeline unit without becoming disorientated, considering communication and cognitive issues? Is the service user able to use a telephone appropriately? Is this a picture or standard phone? 	Appropriately initiates, discloses and sustains conversation (clear/direct/open) Mostly risk free when doing daily activity due to no confabulation, able to communicate their needs, abilit to use a telephone or lifeline unit without becoming disorientated in conversation. Generally able to use language or signing to effectively exchange information Mostly risk free when doing daily activity due to limited confabulation, mostly able to communicate the needs, mostly ability to use a telephone or lifeline unit without becoming disorientated in conversation. Difficulty initiating, disclosing or sustaining conversation (hesitant/abrupt/limited/ irrelevant) Some risk when doing daily activity due to some confabulation, only able to communicate some of the needs, some ability to use a telephone or lifeline unit without becoming disorientated in conversation. Uncommunicative, disjointed, bizarre or inappropriate disclosure of information Significant multiple risks when doing daily activity due to confabulation, unable to communicate their needs unable to use a telephone or lifeline unit without becoming disorientated in conversation.	eir eir	
everyday things?	Express needs Does the person's ability to express their needs put them at higher or lower risk? Does user have speech impairment? Specify how this would impact on ATT, and what adaptations and response procedures would be required to support the user? Has the ability to express themselves verbally limited? Is there a family member/carer usually present in the property, who can communicate on behalf of the service user? What is the service user's preferred language? Do they speak another language? Specify if special arrangements, including a language line, are required.	Assertive, articulate, uses appropriate tone, volume and pace Mostly risk free when doing daily activity due to no speech impairment, no word substitutions, no stammering, adequate vocabulary Vocal expression is generally appropriate in tone, volume and pace Mostly risk free when doing daily activity due to minimal speech impairment, minimal word substitutions minimal stammering, mostly adequate vocabulary Difficulty with expressing self (mumbling/pressured speech/monotone) Some risk when doing daily activity due to speech impairment, as there are word substitutions for words the sound the same, stammering, function of items described rather than the names of items, limited vocabular Unable to express self (unclear/too quiet or loud/too fast or too passive) Significant multiple risks when doing daily activity due to speech impairment, an inability to express the needs, incomplete sentence structure, mute, speak in another language only	ns, nat ary	

Cognitive Skills

Key Question	ATTILA Questions		ATTILA Scale
Rey Question	Memory		ATTILASCOLE
Does the person's cognitive skill	 Memory Does memory and understanding of how to do things put the person at higher/lower risk? Would the service user understand and be able to use a pendant alarm appropriately? Would the service user benefit from prompting to take medication? Does the service user have the ability to learn how to use a medication reminder device? Does the service user ever forget to close doors and windows? Does the service user leave external doors open at the wrong time of day or time of year? Is heating system switched on in cold weather by the service user? Is service user able to turn on/off taps appropriately and remember to turn them off? Does the person know how to safely turn on/off gas cooker and/or other appliances? Is there a history of unsafe use of gas or electrical appliances such as iron marks, covering the heater up, tampering with controls, cigarette burn marks, or scalding? Would the person know how to respond if smoke, carbon monoxide or other alarms activated? 	3 2	No risk when doing daily activity inclusive of not needing prompting, remembering to take medication, remembering to close doors/turn off taps, aware of how to use appliances, aware of how to respond to alarms Generally able to seek and retain information and know how to use tools Mostly risk free when doing daily activity inclusive of occasionally needing prompting, occasionally forgetting to take medication, occasionally forgetting to close doors/turn off taps, mostly awareness of how to use appliances, mostly aware of how to respond to alarms Difficulty knowing how to use tools, difficulty in asking for or retaining information Some risk when doing daily activity inclusive of needing some prompting, sometimes forgetting to take medication, sometimes forgetting to close doors/turn off taps, some awareness of how to use appliances, some awareness of how to respond to alarms Unable to use knowledge/tools, does not retain information, asks repeatedly for same info Significant multiple risks when doing daily activity inclusive of needing prompting, forgetting to take medication, forgetting to close doors/turn off taps, no awareness of how to use appliances, no awareness of how to respond to alarms
place them at risk when doing	Problem solve		
everyday things?	 Does the ability to problem solve put the person at higher/lower risk? Does the service user let in strangers? Does the service user leave water taps running, leading to flooding? Is there a history of service user leaving gas appliance on unlit? Is there evidence or history of burning food or pans during domestic activities? Would the service user know what to do if an alarm signal was generated, such as the activation of a smoke detector? 	3	Shows good judgment, anticipates difficulties and generates workable solutions (rational) No risk when doing daily activity inclusive of never letting in strangers, always closes doors in winter, never burns food, no cigarette burn marks, gas use always safe, no tampering with controls, heating always switched on in cold weather Generally able to make decisions based on difficulties that arise Mostly risk free when doing daily activity inclusive of rarely letting in strangers, mostly closes doors in winter, rarely burns food, one or two cigarette burn marks, gas use mostly safe, minimal tampering with controls, rarely heating not switched on in cold weather Difficulty anticipating and adapting to difficulties that arise, seeks reassurance Some risk when doing daily activity inclusive of sometimes letting in strangers, sometimes leaving doors open in winter, sometimes burns food, some cigarette burn marks, some flooding, sometimes gas left on despite smell, sometimes tampering with controls, heating sometimes not switched on in cold weather Unable to anticipate and adapt to difficulties that arise and makes inappropriate decisions Significant multiple risks when doing daily activity inclusive of letting in strangers, leaving doors open in winter, history of burning food, cigarette burn marks, flooding, gas left on despite smell, tampering with controls, heating not switched on in cold weather

Physical Skills

Key Question	ATTILA Questions		ATTILA Scale		
	Mobility				
Does the person's physical skill place them at risk when doing everyday things?	· · · · · · · · · · · · · · · · · · ·	3 2 1 3	Stable, upright, independent, flexible, good range of movement (possibly agile) No risk when doing daily activity as posture and stability adequate, walking indoors is safe, the person is safe using stairs, safe walking outdoors, walking is stable enough not to put person at risk of falls Generally able to maintain posture and mobility in occupation, independently or with aids Mostly risk free when doing daily activity as posture and stability/balance mostly adequate, walking indoors is mostly safe, mostly safe using stairs, mostly safe walking outdoors, mostly walking is stable enough not to put person at risk of falls Unsteady at times despite any aids, slow or manages with difficulty Some risk when doing daily activity inclusive some poor posture and instability/balance when walking indoors, some safety issues using stairs, some safety issue walking outdoors, walk with a shuffle or a stoop putting at some risk of falls Extremely unstable, unable to reach and bend or unable to walk Significant multiple risks when doing daily activity due to poor posture and instability/poor balance when walking indoors, unsafe using stairs, unsafe walking outdoors, walk with a shuffle or a stoop putting at risk of falls Grasps, moves & transports objects securely with adequate force/speed (possibly strong) No risk when doing daily activity as grip is adequate, hand strength is adequate, able to carry hot liquids, able to use grip when turning on/off domestic appliances, can operate ATT as required Strength and effort are generally sufficient for most tasks Mostly risk free when doing daily activity as grip is mostly adequate, hand strength mostly adequate, mostly able to carry hot liquids, mostly able to use grip when turning on/off domestic appliances, can mostly operate ATT as required Has difficulty with grasping, moving, transporting objects with adequate force and speed Some risk when doing daily activity due poorer grip, poorer hand strength, may drops hot liquids, some challenge effectively using domestic		
	 spread butter on bread, turn gas cooker knobs, Can the person apply enough pressure to trigger alarm, if appropriate? Does the person have enough grip to carry hot liquid without burning themselves. Does the person have enough grip/strength/dexterity to use the device (e.g., fasten/unfasten device, pull handle, push button, pull 	2	Mostly risk free when doing daily activity as grip is mostly adequate, hand strength mostly adequate, mostly able to carry hot liquids, mostly able to use grip when turning on/off domestic appliances, can mostly operate ATT as required Has difficulty with grasping, moving, transporting objects with adequate force and speed Some risk when doing daily activity due poorer grip, poorer hand strength, may drops hot liquids, some		

Physical Environment

Key Question	ATTILA Questions		ATTILA Scale
Do the features of the physical environment put the person at risk when doing daily activity?	 Mobility Does the person's physical space put them at higher/lower risk? The general state of repair, including electrics, heating system, adequate lighting, working landline, level of safety of gas or electric appliances. Is there access for emergency responses (note: bolts, chains, keys left in doors)? Are there trip hazards within the property (e.g. rugs, clutter, cables tidy, pets)? Are there risks to service user when entering any part of the property alone, e.g., stairs, kitchen or bathroom? Are there environmental hazards (e.g. blocked access, poisonous substances)? Is there anything in the vicinity that may interfere with the operation of the unit? Are there any special materials or conditions that need to be considered when mounting sensors (e.g. concrete\high ceilings, potential asbestos)? Grip/Dexterity Does the persons physical resources put them at higher/lower risk? Does the service user use a gas cooker? Detail the cooker type e.g. hob, freestanding, servicing Is there a bath, walk-in shower, over bath shower or bathing equipment? Are there other appliances in use by the service user (in the home/outside the home)? 	3 2 1	Space affords a range of opportunities, supports & stimulates valued occupations No risk when doing daily activity in the physical space e.g., clear access, appropriate flooring, no trailing cables, uses bolts/chains effectively, good state of repair, good lighting, safe on stairs, can access rooms Space is mostly adequate, allows daily occupations to be pursued Mostly risk free when doing daily activity in physical space e.g., occasional low risk i.e., blocked access, rugs, cables, bolts/chains, poor state of repair, poor lighting, negotiating stairs, accessing rooms Affords a limited range of opportunities and curtails performance of valued occupations Some risk in some aspects of the physical space when doing daily activity e.g., including blocked access, rugs, cables, bolts/chains, poor state of repair, poor lighting, negotiating stairs, accessing rooms Space restricts opportunities and prevents performance of valued occupations Significant multiple risks when doing activity in physical space e.g., blocked access, rugs, cables, bolts/chains, poor state of repair, poor lighting, negotiating stairs, accessing rooms Enable occupational goals to be achieved with ease, equipment and tools are appropriate No risk when using appliances/objects to do daily activity e.g., appliances are in good repair i.e., electric fire, cookers, smoke alarm fitted, hot water not a risk for scalding, bath available and person uses safely, shower available as required. Generally allow occupational goals to be achieved, may present some obstacles Mostly risk free when using appliances/objects to do daily activity e.g., mostly appliances are in good repair
	 Does the service user have electrical appliances such as a kettle, microwave, electric blanket, toaster, or cooker? Are there any potential fire hazards as appliances are in disrepair (e.g. evidence of burns from cooking)? Is there smoke, carbon monoxide or other alarms already fitted? Is the water excessively hot, with potential for scalding? What is the source of hot water (immersion tank, combi-boiler, backboiler i.e. behind gas fire, over sink heater)? Risk of fall in night due to lack of night light 	2	i.e., electric fire, cookers, smoke alarm fitted, an episode of excessively hot water/risk of scalding, only bath available and person mostly uses safely Impede ability to achieve occupational goals safely, equipment and tools are inadequate Some risk in some aspect of using appliances/objects to do daily activity e.g., some appliances are in disrepair and a fire risk, i.e., electric fire, cookers, no smoke alarms, an episode of excessively hot water/risk of scalding, only bath available and person not safe to use, no night light when needed Have major impact on ability to achieve occupational goals, lack of tools lead to high risks Significant multiple risks when using appliances/objects to do daily activity e.g., appliances are in disrepair and a fire risk, i.e., electric fire, cookers, no smoke alarms, excessively hot water/risk of scalding, only bath available and person not safe to use, no night light when needed

Social Environment

	Social Environment				
Key Question	ATTILA Questions		ATTILA Scale		
	Social support Does the support available put them at higher/lower risk? Does the service user live alone or with others? Is the service user receiving formal care services? Does the service user have adequate social support, including medication management?	4	Social groups offer practical support, values and attitudes support optimal functioning No risk when doing daily activity due to carer(s) e.g., appropriate family support, carers needs being met, carer available when needed to prompt, provide emergency access or respond to an alert, accepting of a non-familiar person, clarity around who maintains ATT		
	 Who will remind/assist the service user to use the device if they need help? Has emergency access been agreed (e.g. key safe, key holding)? Are the primary carers needs being met? 	3	Generally able to offer support but may be some under or over involvement Mostly risk free when doing daily activity due to carer(s) e.g., mostly appropriate family support, carers needs mostly being met, mostly carer available when needed to prompt, provide emergency access or respond to an alert, mostly accepting of a non-familiar person, mostly clarity around who maintains ATT		
	 Is the service user receiving help from unpaid carers, e.g. relative's informal support, and if so is anyone able to respond?, would there be any risks to them? Are they able to respond to sensor alerts? Are potential responders acceptable to the service user? 	2	Offer reduced support, or detracts from participation, some groups support but not others Some risk when doing daily activity due to carer(s) e.g., minimal family support, carers needs not fully being met, minimal carer availability when needed to prompt, provide emergency access or respond to an alert, minimal acceptance of a non-familiar person, lack of clarity around who maintains ATT		
Does who is involved and how are activities completed put the person at risk when	 Would the service user accept an unfamiliar person visiting in response to an alert? Who will be responsible for maintenance? 	1	Do not support participation due to lack of interest or inappropriate involvement Significant multiple risks when doing activity due to carer(s) e.g., no family support, carers needs not being met, no carer currently unavailable when needed to prompt, provide emergency access or respond to an alert, no acceptance of a non-familiar person, no one to maintain ATT		
doing daily activity?	The way the activity is completed				
	 Does the way the person completes activity put them at higher/lower risk? Does the person wear appropriate clothing when going outdoors? Does the person use their gas fire/cooker even when they are not safe? Is an alternative available? Does the person repeatedly go to toilet at night without putting the light on and increases risk of falls? 	3	Demands of activities match well with abilities, interests, energy and time available No risk due to the way the activity is being done e.g., safe when using an overhead gas grill, safe going to the toilet at night by putting light on, safe having a night time bath, safe using stairs repeatedly in the day, no evidence of wearing shoes/coat outdoors in wet weather Generally consistent with abilities, interest, energy or time available, may present challenges Mostly risk free due to the way the activity is being done e.g., mostly safe when using an overhead gas grill instead of a toaster, mostly safe going to the toilet at night by putting light on, mostly safe having a night time bath, mostly safe using stairs repeatedly in the day, minimal evidence of wearing shoes/coat outdoors in wet weather		
		2	Some clear inconsistencies with abilities and interest, or energy and time available Some risk due to the way the activity is being done e.g., can be unsafe when using an overhead gas grill instead of a toaster, can be unsafe going to the toilet at night due to lack of light, can be unsafe having a night time bath when tired, can be unsafe using stairs repeatedly in the day when physically not able, some evidence of wearing shoes/coat outdoors in wet weather		
		1	Mostly inconsistent with abilities, construction of activity is under or over-demanding		

Forsyth Supplementary Material 2

	Significant multiple risks due to the way the activity is being done e.g., unsafely using an overhead gas grill instead of a toaster, unsafely going to the toilet at night due to lack of light, unsafely having a night time bath when tired,
	using stairs repeatedly in the day when physically not able, not wearing shoes/coat outdoors in wet weather