

Telecare Case Studies

Older People - Mrs A	
<p>Mrs A is a 92 year old lady who lives alone. She has short term memory difficulties, she also has diabetes type 2 which is tablet controlled.</p> <p>Mrs A has left her home during the night in her nightdress and has been taken home by neighbours on two occasions. She enjoys going out alone to her local shops during the day, she usually returns home safely but has become disorientated on two occasions and has got lost. She has fallen on 3 occasions at home and remained on the floor until carers arrive in the morning.</p> <p>Mrs A receives a domiciliary care package of two, half hour calls per day for assistance with morning personal care, prompting with medication and meal preparation. She also attends day care twice per week.</p> <p>Mrs A receives support from her daughter who lives locally and is willing to act as a responder for an Intellilink alarm and any Telecare sensors required.</p>	
Risks identified	Telecare sensor/equipment required to minimise these risks
Risk of Mrs A becoming disorientated and becoming lost in her Local area during the daytime / risk of Mrs A losing her independence to venture out alone in her local area.	Buddi GPS location system required with a virtual boundary around her local area required. Family helped to establish area which Mrs A visits and agreed to respond to any calls from the monitoring centre if virtual boundary is broken. Carers to ensure Buddi is placed in Mrs A`s handbag each morning.
Risk of wandering during the night	Door exit sensors set to be active between the hours of 8pm and 7am required, also Carers to place Buddi system in handbag which she usually takes out with her.
Risk of disorientation of time	Memory clock required
Risk of falling when at home	Wrist worn impact falls detector which will alert the monitoring centre in the event of a fall required/
Risk of fire due to Mrs A`s memory difficulties impairing her judgement around general fire safety issues	Heat and Smoke sensors required, also Home Fire Safety Check to be carried out by Flintshire Fire Service.
Risk of carbon monoxide poisoning due to Mrs A often sleeping in her lounge chair in the same room as a gas fire	Carbon Monoxide detector required.
Risk of flooding due to history of Mrs A leaving taps running and using	Flood detector required in kitchen and bathroom.

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copious amounts of toilet paper causing toilet to overflow	
Risk of being unable to raise an alert in the event of an emergency	Intellilink alarm and pendant required.
<p>Outcome Mrs A continues to live at home, her domiciliary care package has increased to two half hour calls and one full hour call per day, she continues to attend day care twice per week.</p>	

<p>Children's Services - C</p> <p>C is a 6 years old boy, he has autism, ADHD. epilepsy, behavioural problems and a Learning Disability. He lives with his mother and father who provide all his care needs. C is hyperactive and has recently been attempting to open the front door in an attempt to leave the house, this is extremely dangerous as he lives on a busy main road and has no road safety awareness. Mother states "we try to keep the front door locked at all times but we need to open the door sometimes, if we forget to lock it again he gets out and has even run into the road. We need something to act as an alarm to alert us if the front door is opened". He can use the back door freely as the back garden is secure. C has also started to get up during the early hours of the morning to try to open the front door, and although the door is locked, going downstairs alone exposes C to other risks including him attempting to turn the cooker on. He has nocturnal Tonic Clonic seizures which require rescue medication. Telecare assessment completed</p>	
<p>Risks identified</p>	<p>Telecare sensor/equipment required to minimise these risks</p>
Risk of C coming downstairs at night and attempting to leave the property or turn on electric cooker	PIR movement sensor to be installed on second stair down in order to alert parents via a Carer Alert if C attempts to go downstairs at night.
Risk of C opening the front door and leaving the property and parents being unaware	Property exit sensors required to front door, to be monitored via a Carer Alert by parents.
Risk of C having a nocturnal Tonic Clonic seizure and parents being unaware he needs medication-	Chubb epilepsy sensor required, to be monitored by parents via a Carer Alert.
<p>Outcome C`s mother states that the equipment has " helped to keep C safe and provided her with reassurance, especially during the night. She states that " I feel I am getting a much better quality sleep as I know if he has a seizure or attempts to go down stairs during the night I will be woken"</p>	
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Learning Disabilities - Mr S

Mr S is a 27 year old man who lives with a learning disability, he lives with his mother who provides prompting and support with most daily living activities. Mr S is currently supported by Work Opportunities service 4 days per week, working 3 days at a catering project and one day at a supermarket. Mr S requested an assessment of needs as he would like to explore the possibility of having some support to allow him to develop his independence, with a view to him spending time alone in his home.

Following a Telecare assessment Mr S and his mother agreed to the installation of an Intellilink community alarm and various telecare sensors in order to ensure his safety within the home while carrying out daily living activities independently.

Risks identified	Telecare sensor/equipment required to minimise these risks
Risk of Mr S being unable to make contact with the outside world in the event of an emergency when left alone at home	Intellilink alarm with pendent required. (mother and next door neighbour agreed to be responders).
Risk of Social Isolation due to Mr S being unable to sequence telephone numbers, resulting in him being unable to make outgoing telephone calls	Picture telephone required, Mrs S will insert pictures of friends and family which will enable Mr S to make outgoing calls to people of his choice..
Risk of Fire in the kitchen when Mr S is preparing hot food independently	Heat sensor installed in kitchen which will activate on a rapid rise in temperature and provide a local alert by sounding and activate a call to the monitoring centre will provide a high level of protection and reassurance to both Mr S and his mother.
Risk of Fire and flooding	Telecare Heat and Smoke detectors to be installed by Flintshire Fire Service, also a Home Fire Safety Check to be carried out by Flintshire Fire Service.
Risk of flood.	Flood detector provided required in upstairs bathroom and downstairs toilet .

Outcome

The provision of this equipment has enabled Mr S to spend some time alone within his own home.

His mother states “ I feel happy that if my son needs help the equipment will alert either myself or the monitoring centre. Not only has it helped my son it has also provided me with reassurance”.

Mr S states “ I am pleased that I can come home from work and let myself into my own home and spend some time alone”.

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