

Care3® CASE: INSULIN SHOCK

Outcome: Ann was saved by an automatic alarm as a result of low blood sugar levels before becoming consciousness.



THE SITUATION

Ann lives in on her own. She is 77 years old and suffers from diabetes which is treated with insulin. During the night, her blood sugar levels dropped and she almost lost consciousness in her sleep and going into a comma.

THE SOLUTION

Ann's Care3® real-time, health and wellness watch and monitoring ecosystem collects medical data . A 24x7 monitoring triage plus automatic alerts when changes occur in the service user's condition. Ann's prolonged immobility and other vital signs that Care3®monitors, triggered an alarm which was automatically transmitted to an ambulance, nurse's mobile phone and other stakeholders. A first responder got to Ann in time. The call center co-ordinated emergency procedures and kept all other stakeholders informed.

SUMMARY

Changes in the client's wellbeing triggered an automatic alarm so that the monitoring center, ambulance, nurses other stakeholders are able to respond quickly and, when necessary, call assistance. The progress of the client's wellbeing can be monitored on the basis of wellbeing data.

A more detailed description on the reverse side



“It was an automatic alarm. I don’t know what would have happened without this. I think everybody should wear one,” says Ann.



Ann is 77 years old and lives in her own apartment in a sheltered housing unit. She does not require any help with her medication but is sometimes forgetful and does not monitor her food. Ann is a diabetic and her disease is treated with insulin.

Ann did not eat much that day but she had injected the normal dose of insulin. During the night, Ann’s blood sugar levels dropped and she almost lost consciousness while asleep. As Ann’s immobility lasted longer than normal, Care3® ecosystem triggered an automatic alarm transmitted to the monitoring center and other stakeholders. The 1st responder immediately check on Ann, measured her blood sugar level and administered insulin before being taken to hospital. for observation. She was discharged the same day. The activity chart tells the before and after story. Following nights shows how the incident affected made Ann apprehensive and restless about going to sleep.

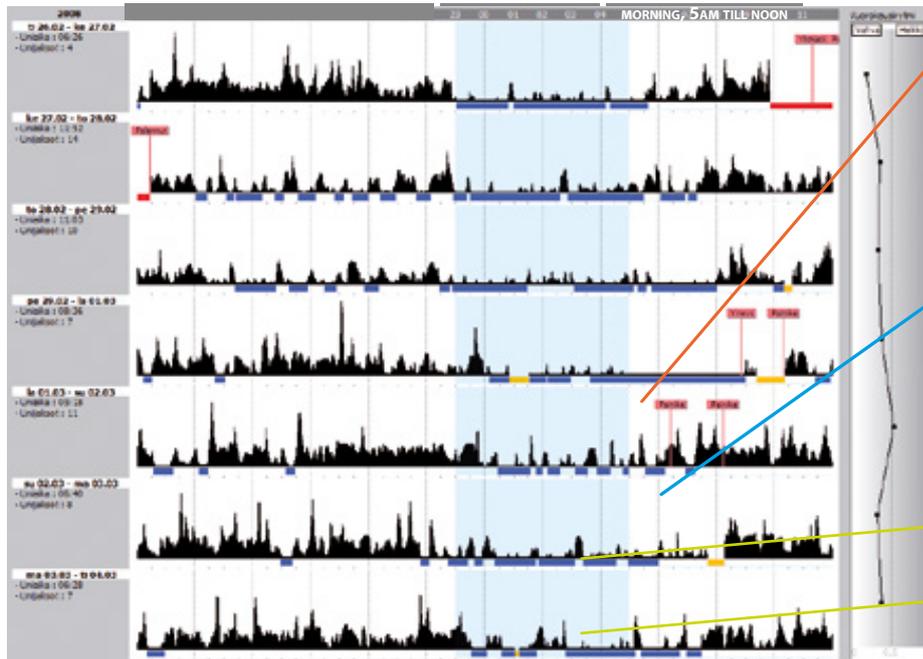
Ann's Activity Report

sleep

atch not worn

no activity data

High bars = good activity interspersed with moments of rest Low bars = poor level of activity and rest



Situation Exceptional i prolonged immobility
Cause Low blood sugar leading to Unconsciousness and coma.

Situation Next night, Ann’s sleep is restless (broken blue line)
Cause Ann is apprehensive and anxious about sleeping

Situation Subsequent nights, Ann’s sleep is back to normal



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