

Care3® CASE STUDY: MONITORING THE CHANGE AND EFFECTIVENESS WHEN APPLIED TO PARKINSON'S DISEASE MEDICATION



OUTCOME: *Once bedridden, he now moves about on his own. Regular monitoring informed his Parkinson's medication dosage and timing for for greater mobility and pain relief*

THE SITUATION

Jack, an 81-year-old man, suffers from Parkinson's disease. Jack lives in a sheltered housing unit. He muscles feel stiff and often in pain. His mobility is also very poor needs a lot of help to get around, personal hygiene and domestic chores

THE SOLUTION

Jacks functional capacity was assessed using the real-time medical wellbeing data produced by Care3®. The data was also used for monitoring immobility and wellbeing patterns, to inform and measure the effectiveness around changing Jack's medication and daily routines.

SUMMARY

Wellbeing data was utilised as Jack's medication was adjusted. After the change in medication, Jack was better able to get around and his daytime sleep periods decreased. Jack's functional capacity has improved significantly and he is able to go out using his walker.

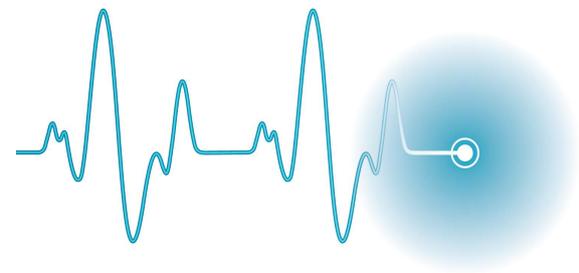
A more detailed description on the reverse side



Once bedridden, now mobile, real-time remote monitoring and analysis, using Care3® data, enabled the clinical and social care team to work together and adapt his medication.



Jack, an 81-year-old man, suffers from Parkinson's disease. Jack's lives in sheltered housing. His functional capacity is being monitored through the Care3® health and wellness ecosystem. Stiffness clearly limited Jack's daily mobility. His medication was put under review. Jack's doctor, nurse and neurologist utilized Care3®'s data to adjust Jack's medication and now his mobility has significantly improved, he sleeps less in daytime and his motivation has increased. Jack is now able to move and he is able to go out using his walker. Jack's quality of life and functional capacity have increased and he is less reliant on the NHS & Social Services for his needs.



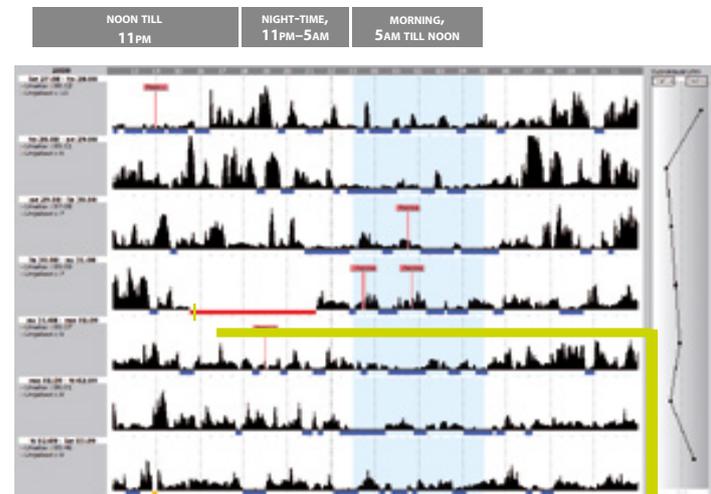
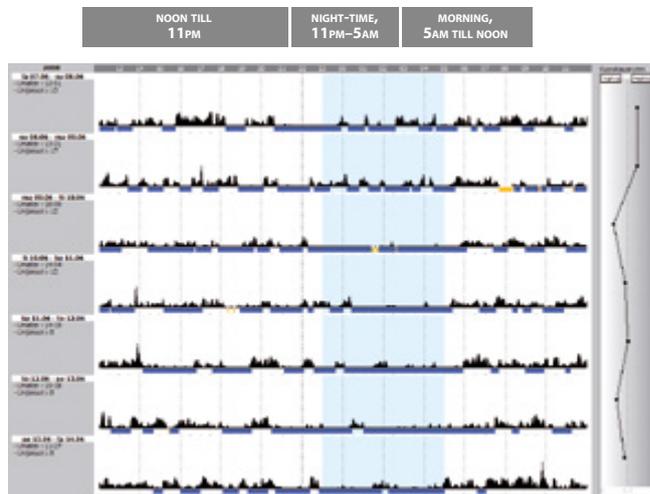
Jack's activity chart

sleep

watch not worn

no activity data

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



Situation
Jack's poor circadian rhythm (far right column) has deteriorated and he sleeps a lot during daytime.

Situation
Activity has increased, Jack sleeps less in daytime. He is able to go out using his walker (red line). Circadian rhythms (far right column) are stronger



The Future Care (UK) Ltd.
Disruptive Technology Enabled Care Services