CarePredict Technology:

CarePredict employs lightweight sensors and smart wearables, designed for seniors, to unobtrusively and autonomously collect rich data sets on the senior's activity and behaviors. Machine learning and unique kinematics algorithms are used to quantify daily activities performed by older adults, including eating, sleeping, walking, and grooming. CarePredict uses these unique data sets to train its deep learning neural nets to surface insights that provide early warning of a wide range of developing health conditions including the possible onset of depression, urinary tract infection and increased fall risk.

All of these insights are generated without any self-reporting by the senior and without the need for in-person observation.

Smart wearables and real-time location system

- Autonomously detects activities such as walking, eating, sleeping, grooming, brushing, sitting etc.,
- Beacons provide indoor location information
- Features:
  Emergency calling
  2-Way audio capability
  Privacy sensitive alerts and notifications via Push, SMS, Email, Web & Apps

Machine learning and intuitive dashboard

- Machine algorithms create a rolling baseline and system alerts on anomalies
- Deep learning neural nets trained with over 5M activity data points
- Deep analytics correlation engine predicts health conditions
- Snapshot of individual older adults' activity patterns and alerts
- iOS, Android and Web Apps
- Multi-lingual — Supports seven languages