

Senior care SMART health

DigiSense is a market leader in contact-free wearable monitoring technology, SHWMD (Smart Health Wearable Monitoring Device) data-point with **IoT and AI** capabilities. Following five years of R&D along with continuous Patenting process DigiSense granted patents in China, Japan, US and Europe on its unique technology. DigiSense is converting any type of diaper to an interactive diaper that collects data through a device superficially attached to the exterior layer of the diaper, than transfer the data to the end user remotely, in real time 24/7.

It monitors and alerts for: **Urine flow, Bowel movement, Flatulence, Falling, Ambient temperature, Respiratory rate, Sleeping quality and motion (Bedsore).**

UTI (Urine tract infection) and Bedsore are most acute chronic morbidity in senior care facilities worldwide.

70% of nursing home residents are estimated to be affected by UTI.

The number of senior citizens in the UAE will surpass that of the young by the year 2050. In the U.S at year 2021 there will be 80 million boomers and 15,000 nursing facilities, overall costs of hospitalizations of elderly with **UTI is \$7.7billion.**

People above age 60 in China in year 2050 is projected to increase to 437,000,000.

DigiSense offers real time **preventive** device for **UTI and bedsore** along with actionable insights that enables caregivers to provide more personalized care, save time, optimize care, overcome scarcity of human resource and health institutions reduce overall costs.



Real-time health status anywhere all the time:



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