OmniVisi is an Earable with the capacity to continuously and non-invasively measure all vital signs of patients, whilst taking into account an appropriate level of comfort for patients and user-friendliness for nurses.

The product was designed with no external wires and modules for an easier application to the body. The organic form of the Earable provides higher comfort for patients. It is expected that the time saved to manually measure patients’ vital signs will be used for personal contact and guidance, which is an important role in improving patients’ health.

Computer generated measurements will prevent missed vital sign variables and increase productivity and order. All data obtained will be extracted and imported correctly the first time. Medical staff will spend less time manually taking and documenting measurements of patients’ vital signs. This will allow them to provide personal attention and care for their patients, which is a necessary requirement for the betterment of patients’ health.

Omnivisi Earable prevents complications due to its alarming function when patient deterioration is detected. Due to this, high quality of life of patients can be maintained and costs associated with additional research and admission to ICU will be drastically reduced.