**Cost:** The app is not marketed yet but is in use in acute units.

Information available here: <http://www.xim.ai/lifelight/>

**Project aims:**  Xim’s Lightlife™ technology provides early warning of critical health events for older patients at low cost without the inconvenience of wearables or manually logging data. Using only a standard camera plus advanced software in the cloud, the system can detect a user’s vital signs by observing tiny changes in skin colour. If there is a high health risk within the next 24 hours, nursing staff and carers will be alerted while there is time to intervene. This will allow patients who are currently rarely monitored to be constantly checked for signs of deterioration, reducing deaths and incidents as well as providing peace of mind to relatives.

Xim has been awarded funding by Innovate UK to prototype and trial preventative monitoring technology combining computer vision with data analytics to address the challenge of providing early warning for older patients at low cost. The product of the project will be a service initially targeted at the care-home sector but extending to home-based monitoring and low-tech hospitals as well as temporary / field hospitals.

**Project title:** Lightlife™ by Xim

**Outcomes:**

* Reduced deaths and incidents.
* Support for coping with increasing demand from an ageing population with more complex and severe needs.