Benefits of the Internet in Healthcare
“More and more patients are going to the Internet for medical advice. To keep my practice going, I changed my name to Dr. Google.”
THE MANY FACES OF IoT IN HEALTHCARE
Internet & Health – benefits...

- Improved access to Information
- Enhanced communication
- Telemedicine/telehealth
- Mobility and Mobile Apps
- Improved patient experience
- Improved outcomes of treatment
- Reduced errors and waste
- Better management of drugs and medicine adherence
Available to buy or in development today...

FITNESS

Designed to provide insights into our own health and motivate us to increasing levels of fitness, many of us are no doubt familiar with wearables that track our activity, such as the Jawbone UP Fitbit, or more recently, Misfit Wearables’ Shine. LG and Intel also both produce smart ear buds that monitor your pulse.

WELLBEING

Psychological well-being is vitally important and IoT can help. From wearables focused on breath patterns and fitness, such as Sphero and Lumafit, to stress mapping bicycle helmets, such as MindRider. Or what about Olive, an intelligent bracelet that monitors heart rate, skin conductance, ambient light, motion and skin temperature?

FAMILY

IoT knows few bounds when it comes to supporting our loved ones. From the virtually invisible electronics of MC10 (above) to Poxie Briefs’ smart nappies, which analyse urine, check hydration levels and identify signs of UTIs. Koibree is a connected and gamma’d electric toothbrush, while other wearables help keep track of your pregnancy.

CLINICAL SUPPORT

AliveCor is a heart monitor that attaches to your smart phone and is capable of recording ECGs. Physicians can use the technology to detect arrhythmic cardiac disease, irregular heartbeat or abnormal heart rhythm. AliveCor ECGs can also be automatically uploaded into select Electronic Heath Records (EHR).

HOME MONITORING

Home monitoring matters to both families and care providers alike as it enables independence. Systems such as SenSormind, Sonoma, Numera Libris and Libris+ use sensors to detect activity, analyse behaviour and automatically detect problems.