



BUTLLETÍ VIGILÀNCIA TECNOLÒGICA

Gener 2018

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Notícies d'interès general

[Digital health #Trends and predictions for 2018, part 1](#)

MobiHealthNews / by Jonah Comstock

In 2018, both social and technological trends will drive the transformation of healthcare. MobiHealthNews spoke to a range of stakeholders in the field to ask what they saw coming down the tracks. Read on for some general trends and predictions for digital health and healthcare during the coming year, and beyond.

[Imatge mèdica digital: Conclusions de l'enquesta #MapaTendències](#)

Butlletí #108 Fundació TICSalut

Cada any es realitza per part de la Fundació TIC Salut Social l'enquesta Mapa de Tendències als Responsables de Sistemes d'Informació de les Entitats Proveïdores del Sistema Sanitari de Salut Català. Dins dels indicadors de la enquesta, n'hi ha uns d'específics sobre imatge mèdica digital, que permeten identificar les necessitats del sector. De les respostes obtingudes en podem extreure les següents conclusions.

[#BrainGames: How thoughtfully designed tech is addressing cognitive health](#)

MobiHealthNews / by Dave Muoio

For as much promise as technology shows when it comes to healing the body, equally impressive is its potential for the human mind. New therapeutics and devices have shown evidence of repairing damaged nerve passageways, overcoming cognitive disorders, and simply fine-tuning the healthy brain, so it's no surprise that innovators are rushing to bring these technologies into the mainstream.

Notícies mHealth i Medical Devices

[Celifast, un sistema de detecció de la #Celiàquia en 10 minuts](#)

Butlletí RECERCAT

L'empresa catalana BioEcllosion ha creat Celifast, un sistema per detectar la celiàquia amb un equip que pot fer servir el metge a la consulta mateix si sospita que té un pacient amb aquesta malaltia.

['Músculo en un chip' para combatir la #DistrofiaMuscular imprimir este contenido](#)

Noticias madri+d

La distrofia muscular miotónica es una enfermedad incurable y hereditaria con una prevalencia en el mundo de uno por cada 8.000 nacimientos. Es una dolencia neuromuscular progresiva que se caracteriza por una reducción de la masa muscular, aunque también afecta a otros órganos: el corazón y el sistema nervioso central, principalmente.



[Nuevas técnicas de imagen que facilitan el seguimiento de #AtaquesEpilépticos en neonatos](#)

Noticias madri+d

Un equipo de científicos y profesionales sanitarios liderados por un investigador financiado con fondos europeos ha conseguido registrar la actividad encefálica de un neonato prematuro en estado de reposo y durante un ataque epiléptico.

[New #IngestibleSensor could help researchers learn more about the gut](#)

MobiHealthNews / by Jonah Comstock

A group of researchers at RMIT University in Melbourne, Australia have developed a new ingestible sensor for a novel purpose: investigating the microbiome and gasses in the gut.

[#PostoperativeWound monitoring app can reduce readmissions and improve patient care](#)

HealthManagementTecnnhology / by HMT Mag

A new smartphone app called WoundCare is successfully enabling patients to remotely send images of their surgical wounds for monitoring by nurses. The app was developed by researchers from the Wisconsin Institute of Surgical Outcomes Research (WiSOR), Department of Surgery, University of Wisconsin, Madison, with the goal of earlier detection of surgical site infections (SSIs) and prevention of hospital readmissions.

[School-Based Telemedicine Helps City Kids Manage Their #Asthma](#)

mHealthIntelligence

A new study finds that a school-based telehealth program can “significantly” improve clinical outcomes and reduce healthcare expenditures for children with asthma in urban settings.

[#3-Dprinting creates super soft structures that replicate brain and lungs](#)

HealthManagementTecnnhology / by HMT Mag

A new 3D printing technique allows researchers to replicate biological structures, which could be used for tissue regeneration and replica organs.

[Desarrollan un #CorazónVirtual que se pueda adaptar a cada paciente](#)

Noticias madri+d

Un grupo de investigadores de la *Facultad de Ciencias de la Universidad de Navarra*, el *Centro de Investigación Médica Aplicada (CIMA)* y la *Clínica Universidad de Navarra* (España) participan en la primera Red Española que trabaja en el desarrollo de un corazón virtual -un modelo computacional cardíaco- que se pueda adaptar a cada paciente y facilite, en cada caso, el diseño de terapias personalizadas más eficaces y seguras.

[Mayo Clinic to Explore The Use of Telemedicine for #StentSurgeries](#)

mHealthIntelligence

The health system will be working to develop a telemedicine platform for tele-stenting, in which a remote specialist uses robotic technology to perform percutaneous coronary interventions (PCIs).