



Telecare LIN

Connecting you with digital health & care innovation

January 2017 Newsletter

Welcome

Welcome to the January 2017 newsletter from the Telecare Learning and Improvement Network.

Our news service has been available since October 2005. Our Housing LIN and Telecare LIN membership database exceeds 40,000 people from around the world.

From January 2016 we are now back with a monthly Telecare LIN roundup as well as maintaining weekly headlines together with daily news via Twitter (follow @clarkmike and #TLINnews).

As in the past, we will be continuing to bring you an extensive curated coverage of digital health and technology enabled care references from the UK and around the world including telehealth, telecare, mobile health, telemedicine, ehealth, smart home technologies and Internet of Things. We will also be including more in the future on health informatics (including electronic health and care records), big data, artificial intelligence as well as health and care robotics.

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1 Main News Items

1.1 Sustainability and Transformation Plans published

It has taken a long time to be able to finally see the 44 Sustainability and Transformation Plans (STPs), but NHS England has just made a full list [available](#).

The plans will cover the next few years and will inform the 210 CCG two-year operating plans.

The STPs are now at a stage of staff and public consultation.

NHS England, NHS Improvement and other national bodies will take further steps to strengthen collaboration around STPs in 2017, including:

- Reviewing STP requests for extra capital funding, and deciding which ones can be funded;
- Encouraging STPs to learn from each other
- Investing a growing share of national resources into implementing STPs and related national change programmes

Meanwhile in [Scotland](#), £8bn of total health and social care funding is being brought together through integration plans.

1.2 England invests in digital mental health

An early 2017 [announcement](#) on improving mental health service in England was made by the Prime Minister which included digital mental health.

The PM's statement says that digitally assisted therapy has already proved successful in other countries and the government will speed up the delivery of a £67.7 million digital mental health package so that those worried about stress, anxiety or more serious issues can go online, check their symptoms and if needed, access digital therapy immediately rather than waiting weeks for a face-to-face appointment – with further follow up face-to-face sessions offered as necessary.

1.3 Department of Health announces Housing and Tech funding winners

The 52 local authorities awarded a share of £25 million housing and technology fund for people with learning disabilities have been [announced](#) by Health Minister David Mowat.

The main aims of the fund are to:

- prevent unnecessary in-patient admissions, including solutions for people who need urgent housing and are at risk of entering inappropriate services like hospital or residential care
- encourage community-based solutions which promote independence and choice over housing
- make use of new technologies and other bespoke adaptations to improve and adapt existing accommodation
- save money by reducing the need for costly hands-on care

The funding will be made available to successful bidders over the next 2 financial years.

1.4 Innovate UK announces up to £10 million to develop innovative ideas that will help solve healthcare challenges

The [aim](#) of this new Innovate UK competition is to develop innovative healthcare technologies and processes that will help provide:

- disease prevention and proactive management of health and chronic conditions
- earlier and better detection and diagnosis of disease, leading to better patient outcomes
- tailored treatments that either change the underlying disease or offer potential cures

The competition has two awards:

Feasibility studies award: to explore and evaluate the commercial potential of innovative scientific ideas - total project costs of up to £200,000. Projects should last between 3 months and 1 year. Projects must start by 1 August 2017 and end by 1 August 2018.

Primer award: to conduct a technical evaluation of your idea through to proof of concept in a model system - projects to range in size from total project costs of £200,000 to £1.5 million. Projects should last up to 2 years. Projects must start by 1 August 2017 and end by 1 August 2019.

The competition opened on 23 January 2017.

1.5 CES 2017

Every January brings the excitement and hype of the Consumer Electronics Show (CES) from Las Vegas and this year was no exception.

Here are some useful links covering the announcements:

[31 new digital health tools showcased at CES 2017](#)

[Twelve more connected health devices from CES 2017](#)

[Round-up: Non-device launch digital health news from CES 2017](#)

1.6 Allied Health Professions join forces to help shape future healthcare

Allied Health Professions join forces to help shape future healthcare

England's 145,000 Allied Health Professionals (AHPs) will be encouraged to innovate and lead within the NHS and wider care system under a new shared commitment [published](#) by NHS England.

The new publication sets out how the 12 Allied Health Professional groups across England can be at the forefront of innovative changes to patient care and shape future health policy by having a full involvement in transformation plans being developed across the country.

2 News Headlines

This section includes a selection of links compiled over the last month under five headings.

2.1 Telecare, Telehealth, Mobile & Digital Health, Telemedicine

If telecare doesn't work then why are councils still investing in it? - via [CommunityCare](#)

NHS chief Simon Stevens warns Theresa May that 2018 will be toughest year as spending falls - via [Independent](#)

Common Services Agency awards feasibility study for over-75s telecare (Scotland) - via [telecareaware](#)

How we buy telecare in Scotland - via [supplymgmt](#)

Five councils using tech to cut costs (incl Hants telecare) - via [PA Consulting](#)

News Release: Welbeing acquisition of Flagship Home's telecare contact centre in Norfolk - via [Wel Being](#)

Aerotel Medical Systems Recognised With European Telehealth and Telecare Solutions Award - via [PRNewswire](#)

Vulnerable people to pay for emergency response system after council cuts - via [itvnews](#)

B'ham Lifeline service axed in latest costcutting drive - people have to pay from March 2017 - via [birminghammail](#)

UK's NHS will test @babylonhealth triage chatbot to replace non-emergency hotline - via [MobiHealthNews](#)

Valencell says medical device companies are interested in potential of "hearables" - via [medcitynews](#)

Is that fitness tracker you're using a waste of money? - via [BBCNews](#)

Twelve more connected health devices from CES 2017 - via [MobiHealthNews](#)

As Tricorder XPRIZE approaches final stages, it offers glimpse of digital health journey - via [medcitynews](#)

Watch out for your wearable — new report expresses concerns about big data - via [DigitalTrends](#)

In 2016, It Wasn't Just The "Worried Well" Who Used Digital Health Tools - via [FastCompany](#)

50 things we now know about digital health consumers - annual US survey of 4000 people - via [Rock Health](#)

1970s printers replaced with e-prescribing in Ireland - via [digitalhealth2](#)



These Five User Types Are Key to Boosting Mobile Adoption in Healthcare - via [SamsungBizUSA](#)

Who's listening? The ethical and legal issues of developing a health app - via [ConversationUK](#)

Telephone GP consultations show promise. Less tangible benefits for video - evaluation report - via [digitalhealth2](#)

Too many mental health apps put style over substance - via [MashableUK](#)

#Forty-one 2016 digital health mergers and acquisitions - via [MobiHealthNews](#)

Queensland-developed app Julian's Key gives disabled patients 'extra voice' during emergencies - via [abcnews](#)

This Mobile Ultrasound Startup Is Reshaping A \$6 Billion Healthcare Market - via [Forbes](#)

From @digitalhealth2 - Most read Digital Health features and columns, 2016 - via [digitalhealth2](#)

Got a chronic disease? There will soon be a prescription app for that - via [WiredUK](#)

All the digital health funding MobiHealthNews covered in 2016 - via [MobiHealthNews](#)

What We Learnt in Digital Health in 2016 - via [Berci](#)

Google Deepmind and Imperial College NHS Trust in streams deal - via [digitalhealth2](#)

Eight digital health predictions for 2017 - via [MobiHealthNews](#)

Telemedicine Market - Global Industry Analysis 2014 - 2020 - via [research_market](#)

Why healthbots may eat search ads and mobile apps - via [MMMnews](#)

Europe's Telehealth Gridlock - via [HealthITCentral](#)

From the U.S.: Consumers, Doctors Still Aren't Agreeing on mHealth's Goals - via [mHealthIntel](#)

UnitedHealthcare Announces a Huge Expansion of its mHealth Program - via [mHealthIntel](#)

A health care app that'll prescribe you other apps - Rx Universe - via [Marketplace](#)

7 digital health predictions for 2017 - via [BostonChildrens](#)

Consumer Use of Digital Health Tools At Tipping Point - via [hnmag](#)

mHealth Sensors Look to Diagnose Diseases From One's Breath - via [mHealthIntel](#)

What does the 21st Century Cures Act mean for digital health? - via [medcitynews](#)

Hospital Uses Telehealth to Help Children Manage Their Weight - via [mHealthIntel](#)

From the U.S.: The growth of telehealth: 20 things to know - via [BeckersHR](#)

Fast Forward: Telemedicine, Chatbots, and the Future of Healthcare - via [PCMag](#)

Report: Telehealth alone won't alleviate specialist shortages - via [medcitynews](#)



Digital Health at CES 2017: Consumers Taking Health Into Their Own Hands - via [HuffingtonPost](#)

Telehealth Alone Will Not Increase Health Care Access for the Underserved - via [RANDCorporation](#)

Study: Adoption of telemedicine in Norwegian hospitals covering 2009-2013 - via [BioMedCentral](#)

StartUp Health: Digital health investment reaches \$7.9bn across 585 companies in 2016 - via [medcitynews](#)

Top-rated health apps not always best for managing health - via [thestaronline](#)

VA lays out plans for cloud-based Digital Health Platform - via [HDMmagazine](#)

21st Century Cures Act a boon to telehealth, experts say - via [HealthITNews](#)

Researchers study patient behaviors to insulin management app - via [iMedicalApps](#)

Telemedicine for PTSD no less effective than in-person therapy - via [Reuters](#)

What does 2017 hold for social care? - Mahiben Maruthappu - via [guardian](#)

Predictions for the year ahead: healthcare IT suppliers on 2017 - via [digitalhealth2](#)

Predictions for the year ahead: UK digital health leaders on 2017 - via [digitalhealth2](#)

Interoperability big priority for 2017 - via [digitalhealth2](#)

Thirty-six connected health apps and devices the FDA cleared in 2016 - via [MobiHealthNews](#)

From the U.S.: 2017 Brings More Access To Nurse Practitioners, PAs And Telemedicine - via [Forbes](#)

Thirty-six connected health apps and devices the FDA cleared in 2016 - via [MobiHealthNews](#)

What the FDA did in digital health in 2016 - via [MobiHealthNews](#)

ProofPilot launches digital health study templates for clinical research - via [iMedicalApps](#)

Will consumers change their minds about wearables in 2017? - via [FastCompany](#)

App designed to detect hearing loss makes a big noise in South Africa - via [guardian](#)

Can Digital Assistants be mHealth Assistants? - via [mHealthIntel](#)

Eight digital health predictions for 2017 - via [MobiHealthNews](#)

Stanford updates app for sharing data on heart health - via [StanfordMed](#)

Black Book Survey: 94% of Physicians Find Digital Health Data Overwhelming, Redundant - via [hitconsultant](#)

UCLH outsources ICT to Atos in deal worth at least £150m - via [digitalhealth2](#)



Exclusive: Health data breaches on the rise - via [digitalhealth2](#)

#CES2017: Cruise trips personalised with wearable gadget - via [BBCNews](#)

Cameras used to monitor ulcers in Wales - via [digitalhealth2](#)

Mental health exemplars funding half that of acute sites - via [digitalhealth2](#)

£60m of digital mental health funding goes on exemplars - via [digitalhealth2](#)

CES 2017: MobileHelp® Launches Tablet Base Station - via [YahooFinance](#)

Wearable Parkinson's system gets CE marking - via [digitalhealth2](#)

From the U.S.: How Project ECHO Will Advance Rural Health through Telehealth - via [mHealthIntel](#)

\$100M PatientsLikeMe-iCarbonX deal highlights huge day in digital health investment - via [medcitynews](#)

31 new digital health tools showcased at CES 2017 - via [MobiHealthNews](#)

Round-up: Non-device launch digital health news from #CES2017 - via [MobiHealthNews](#)

Stanford Medicine launches Center for Digital Health - via [MobiHealthNews](#)

Google and Uber alums have created a doctor's office that's like an Apple Store meets 'Westworld - via [BIUK](#)

iOS and Mac App Store prices to rise 25% following Brexit vote - via [guardian](#)

ONC names winners of its FHIR-based consumer and provider health data app challenges - via [HealthITNews](#)

Obama: Health IT interoperability harder than expected - via [digitalhealth2](#)

Update: Trojan malware blamed for Barts cyber-attack - via [digitalhealth2](#)

Event: Digital Health Leadership Summit 2017, 22 Feb, Southampton - via [digitalhealth2](#)

EarlySense, ResMed share promising data on digital health sleep monitoring - via [MobiHealthNews](#)

Health Associations partner to improve the quality of health and medical apps - via [iMedicalApps](#)

Wearable Parkinson's system gets CE marking - via [digitalhealth2](#)

Barts Health NHS Trust hit with ransomware virus - via [digitalhealth2](#)

PM to tell GP surgeries to give patients appointments when they want them or face funding cuts - via [Telegraph](#)

Study finds wearables may help detect serious illness - via [MobiHealthNews](#)

Can data from wearables help predict disease? - via [verge](#)



Digital Health: Tracking Physiomes & Activity Using Wearable Biosensors Reveals Useful Health-Related Information - via [Study](#)

Apple's top 22 patient-facing personal care apps - via [MobiHealthNews](#)

A look ahead at digital health and health policy under President Trump - via [MobiHealthNews](#)

Eli Lilly gets FDA clearance for insulin dose calculator app - via [MobiHealthNews](#)

NHS study finds mobile app improves mgmt, quality of doctor visits for people w/ Parkinson's - via [MobiHealthNews](#)

New national NHS patient "data lake" proposed based on STPs - via [digitalhealth2](#)

Top diabetes apps - according to Dr Partha Kar - via [NHSChoices](#)

Study finds the best medication adherence medical apps - via [iMedicalApps](#)

Study: Sedentary lifestyle in older women appears to age body cells - via [BBCNews](#)

Could Apple's upcoming regulated cardiac device be headphone-based? - via [MobiHealthNews](#)

Given a jolt by the pacemaker... with a heart: device is able to detect emotions - via [MailOnline](#)

New Berkshire Child Health App gives advice on children's common ailments - via [WokinghamCCG](#)

Intermountain launches infectious diseases telehealth program - via [HDMmagazine](#)

GE partners with telehealth company InTouch to train doctors via robot - via [BosBizJournal](#)

The Martin Lewis of health apps aiming to boost UK's health - via [BCloudUK](#)

SnapMD partners with athenahealth, makes telemedicine platform available on its marketplace - via [HealthITNews](#)

@babylonhealth to power NHS 111 with AI triage bot - via [digitalhealth2](#)

NHS trials artificial intelligence app as alternative to 111 helpline - via [Telegraph](#)

Fitbit integrates with virtual reality workout apps and more digital health deals - via [MobiHealthNews](#)

Round Health app aims to help patients stay on top of their medications - via [iMedicalApps](#)

Meet Forward, An Ex-Googler's Plan To Reinvent Health Care With A Dose Of Apple, Netflix And AI - via [Forbes](#)

SnapMD raises \$3.25M for telemedicine platform - via [MobiHealthNews](#)

Flex senior VP: Physicians are a forgotten piece of a lot of digital health solutions - via [medcitynews](#)

Global digital exemplars waiting on central cash - via [digitalhealth2](#)

10 Tech Advances That Can Change Medicine (Eric Topol) - via [Medscape](#)



The world's most inspiring examples of tech for good - Nominet Trust 100 (2016) - via [nominettrust](#)

FDA issues new security guidelines so that your pacemaker won't get hacked - via [TechCrunch](#)

FDA confirms that St. Jude's cardiac devices could be hacked - software update issued - via [cnntech](#)

Health Wearable Devices: Why These Could Pose Consumer And Privacy Risks - via [iTechPost](#)

Digital Healthcare in 2017 - via [TechCoHQ](#)

2016: The year in wearable tech - via [wareable](#)

Could Digital Health Make a difference in Mental Health? - via [HuffPostTech](#)

Eko cofounder shares progress on digital stethoscope plans for telemedicine, EHR integration - via [medcitynews](#)

Google Calendar integrates with Google Fit/Apple Health to help you stick to your fitness goals - via [TechCrunch](#)

New digital health chief to get \$522,000 a year to fix troubled My Health Record system - via [canberratimes](#)

Rise of digital health technologies sparks urgent need for identity management, experts say - via [HealthITNews](#)

The mobile app gold rush may be over - via [TechCrunch](#)

#CES2017: Gadgets from the world's biggest tech show (includes Aipoly Vision, Geko Whistle) - via [Telegraph](#)

Forward, a \$149 per month medical startup, aims to be the Apple Store of doctor's offices - via [TechCrunch](#)

FDA clears LifeScan smart blood glucose system with WellDoc's diabetes management platform - via [MobiHealthNews](#)

Berkshire Primary Care introduce a new smartphone app for patients on warfarin - via [InHealthcareUK](#)

American Well CEO: Telehealth Must Integrate With the Home and the Hospital - via [mHealthIntel](#)

NHS to trial and evaluate medical advice smartphone app in London - via [guardian](#)

EarlySense, American Well Partner to Power Telehealth Access via Smart Sensors - via [hitconsultant](#)

eWall for frailty/chronic diseases and Home Caring Environments - EU project - via [DSMeu](#)

Intermountain Increases Infectious Diseases and Antibiotic Support through TeleHealth - via [Intermountain](#)



Toward a 'Smart' Patch that Automatically Delivers Insulin When Needed - via [biosciencetech](#)

How technology is merging with the human body - via [TechCrunch](#)

GreatCall acquires Healthsense, further expanding its aging technology scope - via [MobiHealthNews](#)

The driverless car revolution isn't just about technology – it's about society too - Jackie Ashley - via [guardian](#)

Five Public Health Needs for Digital Health Technology - via [dlschermd](#)

Wearable Technology Is Getting Flexible On Us - via [FashNerd](#)

Braille smartwatches, bespoke wheelchairs...technology that matters Anna Bawden - via [guardian](#)

Berlin's Careship raises \$4M from Spark Capital to address elderly care - via [TechCrunch](#)

Google Home now works with Belkin WeMo and Honeywell smart devices - via [verge](#)

German smartphone ECG maker CardioSecur raises \$5.36M - via [MobiHealthNews](#)

From the U.S.: Community Paramedicine Brings mHealth Right to the Patient - via [mHealthIntel](#)

Smart Wearables in Healthcare, 2016-2030 - via [YahooFinance](#)

A futuristic doctor's office in San Francisco aims to create a new operating system for health care - via [qz](#)

Next Step for Remote Patient Monitoring: Virtual Physical Therapy - via [SamsungBiz](#)

Wearable Health Sensors: A New Frontier in Medicine - Abstats - via [gastroendonews](#)

From Australia: Telstra aims to turn e-health into a healthy earner - via [FinancialReview](#)

Dubai Health Authority to extend telemedicine across all its health facilities - via [thegulftoday](#)

Telemedicine Market Will Continue to Grow by 2020 - via [Medgadget](#)

Houston Paramedics use telehealth & EHR tech on iPads to link to docs when responding to calls to patient homes - via [HealthDataMgmt](#)

Philips, Banner Health announce 15-year partnership, updated data from telehealth pilot - via [MobiHealthNews](#)

From the U.S.: One in Five Consumers Would Switch to a Doctor that Offers Telehealth Visits - via [YahooFinance](#)

How a Former Google AI Vet Wants to Revolutionize the Doctor's Office - via [FortuneMagazine](#)

Pfizer invests in Swedish digital health firm - via [PMLiVEcom](#)

IBM uses Smartphone to help Diagnose Melanoma - via [Internetmeds](#)

Armband controls artificial hand - via [BBCNews](#)



Smart inhaler for asthma - MedTech Innovation Briefing - via [NICEcomms](#)

Could Parkinson's app save NHS over £20m per year? - via [HealthITCentral](#)

Using smartphone-based self-mgmt platform to support meds adherence & clinical consultation in Parkinson's - via [nature](#)

Event: Wearable Technology Show - 7-8 March, London - via [Wearabletecshow](#)

Study: ResMed's myAir use in CPAP therapy for sleep apnoea patients - via [NewsMedical](#)

Telemedicine to Grow as the New Face of Global Healthcare - via [Medgadget](#)

Study: Home-based telemonitoring as good as conventional monitoring at managing hypertension - via [MIMScorn](#)

Stanford University will hand out 1,000 Apple Watches for new health program - via [cultofmac](#)

From Canada: Small Hospitals Turn to Telemedicine for ER Services - via [mHealthIntel](#)

How a doctor's second opinion is just a click away for Hongkongers - via [SCMP_News](#)

Uncertainty clouds promise of patient engagement tech - via [FierceHealth](#)

Cardiff Uni bid to create osteoarthritis 'smart patch' - via [BBCNews](#)

Adherium's Smart inhaler selected for multisite study in EU - via [MobiHealthNews](#)

The Role of Patient Data in Health and Social Care - via [safeathomeUK](#)

Smartlists for Patients: The Next Frontier for Engagement? - via [nejmatalyst](#)

2.2 Connected Care, Internet of Things, Smart Homes

Why I want my home to watch me - Simon Daykins - via [BBCNews](#)

What Smart Homes Will—And Won't—Do In 2017 - via [FastCompany](#)

NHS should shift focus to home-based care, says chief nursing officer (@JaneMcCummings) - via [guardian](#)

Chief nurse: 'Cut hospital beds to increase care at home' - via [BBCNews](#)

NHS must spend more on caring for old people at home and less on old hospitals by @janecummings - via [telegraph](#)

Alexa, lights! How I turned my home into a sci-fi dream - by Samuel Gibbs - via [guardian](#)

Pioneering use of 'Internet of Things' in managing social housing with Ipswich pilot scheme - via [ipswichstar24](#)

Amazon Alexa search warrant in hot-tub murder case shows why smart homes require smart laws - via [geekwire](#)



Smart electricity meters can be dangerously insecure, warns expert - via [guardian](#)

Survey - only 24% of staff at Dept of Health would recommend it as a great place to work - via [politicshome](#)

#CES2017: Light bulb streams video to the internet - via [BBCNews](#)

Online therapy 'gave me a way to cope' - internet therapy for depression treatment - via [BBCNews](#)

#CES2017: Intel just announced a way to upgrade smart gadgets - via [engadget](#)

APAC Home Health Monitoring Market, Forecast for 2020 - via [PRNewswire](#)

Study: Telemonitoring in Home Care: Creating the Potential for a Safer Life at Home - via [Study](#)

Ombudsman: local authorities cannot contract out accountability for services after care home case - via [guardian](#)

The 'internet of things' is going to invade your home, whether you want it to or not - via [BIUK](#)

Government offers £7bn affordable homes fund to housing providers - via [guardian](#)

Smart Whistle with GPS tracking - via [myGEKOgear](#)

Care home closures set to rise as funding crisis bites - via [guardian](#)

Can 'at-home' care be cheaper than a care home? - via [Telegraph](#)

Growth in demand of live-in care as an alternative to care homes - via [Telegraph](#)

Amazon's Alexa stole the show at CES in a bid to become the Internet of Things operating system - via [CNBC](#)

Radar sensor for the home which can 'see' through walls - a sensor for the home - via [BBCNews](#)

Choosing a care home for a relative? Make sure it's not going to go bust - says Richard Dyson - via [Telegraph](#)

"A huge trend for health will be adoption of IoT - Richard Corbridge, CIO HSE, Ireland - via [siliconrepublic](#)

Smartwatches know you're getting a cold days before you feel ill - via [newscientist](#)

New NHS service for Wirral care home residents - video connection to nurse via iPad - via [WIRRALGLOBENEWS](#)

Are Voice-Controlled Homes The Future, Or A Gimmick? - via [FastCoDesign](#)

Home Office refuses to enforce privacy code on NHS staff using video - via [guardian](#)

Shifting from Smart Homes to "Smart Families" via Customer Experience Design - via [AMAMarketing](#)

You'll soon be able to start a Ford via Amazon Echo - via [cnntech](#)



#CES2017: Has tech's sensor obsession gone too far? - via [BBCNews](#)

TechUK launches framework to build public trust in the IoT - via [ComputerWeekly](#)

#CES2017: New routers defend smart homes against hacks - via [BBCNews](#)

Smart homes are the future – why OTs need to embrace them - @JuliaScottCOT - via [TunstallHealth](#)

2.3 Health Tech

The year of eHealth by @janedwelly - via [HealthITCentral](#)

UCLH partners with Atos for 10 year digital transformation push - via [GovComputing](#)

Moro is basically a four-foot Amazon Echo with arms - via [engadget](#)

Digitally assisted therapy - Govt will speed up delivery of a £67.7 million digital MH package - via [Number10gov](#)

NHS Open Digital Platform Challenge Fund - EOI 10 Feb 2017 - via [RippleOSI](#)

Seven-day access costs 50% more than routine hours, warn government auditors - via [pulsetoday](#)

Many genetic conditions come with clues in a person's face - tech can help doctors diagnose them - via [techreview](#)

Why it's dangerous to outsource our critical thinking to computers - via [guardian](#)

Managing Medical Device Cybersecurity in the Postmarket - via [US FDA](#)

11 technologies to watch in 2017 - via [MashableUK](#)

Medgadget's Best Medical Technologies of 2016 - via [Medgadget](#)

The Most Exciting Medical Technologies of 2017 - via [Berci](#)

Number of urgent operations cancelled in England hits record high - via [guardian](#)

Motiv crams a fitness band's worth of functionality into a ring - via [TechCrunch](#)

#CES2017: UK support to tech firms 'an embarrassment' - via [BBCNews](#)

What U.S. Tech Giants Face in Europe in 2017 - via [nytimes](#)

What to expect from #CES2017 - via [TechCrunch](#)

Nesta: Trends, social movements & tech set to shape the agenda during the next 12 months - via [nesta_uk](#)

London ambulance service hit by New Year computer fault - via [BBCNews](#)



Why You Should Take Your Heart (Health) Into Your Own Hands - personal view by Louise Fellows - via [HuffPostTech](#)

FDA finalizes cybersecurity guidance for medical devices - via [HealthITNews](#)

How to separate real trends from hype & glean the paths that technologies will take - Amy Webb - via [techreview](#)

CES 2017: Intel reveals credit card-sized modular computer - via [BBCNews](#)

Electronic Health Records May Help Customize Medical Treatments - via [NPR](#)

Using data science to beat cancer - via [TechCrunch](#)

Health hackathons: theatre or substance? Outcomes from healthcare focused hackathons in 3 countries - via [bmj_latest](#)

A&E departments to benefit from £4.3m innovation tech funding - via [nhenews](#)

i4i Mental Health Innovation/Tech Challenge Award 2017 - 1st deadline 5 April - via [OfficialNIHR](#)

The NHS and digital skills – the new generation - via [TrainingZone](#)

NHS leadership lined up to speak at UK e-Health Week 2017 - via [HIMSS_UK](#)

Can these 6 pointers help Ireland deliver on e-health? - via [siliconrepublic](#)

Segway's 'mobility robot platform' to begin mass production - Loomo - via [ChinaDailyAsia](#)

Yale researchers tapping into emerging secure cloud platform for sharing patient data - via [HealthITNews](#)

Voice Analysis Tech Could Diagnose Disease - via [techreview](#)

Mercy uses data and analytics to reap care improvements, savings - via [HDMmagazine](#)

Dubai to roll out RoboDoc across hospitals, health centres - via [TradeArabia](#)

Launch of Electronic Health Records in Sligo General Hospital - 24 hour digital challenge - via [LeitrimToday](#)

World's smallest MRI helps tiny babies - via [BBCNews](#)

NHS has to get on 'right side' of the digital revolution, says think tank director - via [HealthITCentral](#)

IBM Watson finding its way into real-world image interpretation - via [Internetmeds](#)

Eight Features of Well-developed Mobile Health Apps - via [SamsungBizUSA](#)

First FDA Approval For Clinical Cloud-Based Deep Learning In Healthcare - via [Forbes](#)

You May Not Like Technology But It Likes You - via [dailybeast](#)

2.4 Robotics, AI and VR

Dr Google will see you now - via [theage](#)

Amazon Alexa now gets your follow-up questions - via [slashgear](#)

Google Tango, Accenture & BMW create an augmented reality revolution - via [cbronline](#)

Amazon winning CES without even showing up - Alexa now integrated with 7000 products/services - via [MarketWatch](#)

BMJ investigation of NHS referral management centres - via [Independent](#)

Full list of Alexa-powered products announced at #CES2017 - via [FastCompany](#)

Amazon's Echo seems great, but what does it hear? (by John Naughton) - via [guardian](#)

How hospital activity and funding in England have changed over time - via [TheKingsFund](#)

Access to data will be the key enabler as artificial intelligence comes of age - via [InformationAge](#)

Will the future of #MedEd Be Learning From Machines or Teaching an Artificial Intelligence? - via [sherbino](#)

Our automated future - How long will it be before you lose your job to a robot? - via [NewYorker](#)

Artificial Intelligence in the UK: Landscape and learnings from 226 startups - via [davidkelnar](#)

Artificial Intelligence is set to shape our lives – and the economy – in 2017 - via [Independent](#)

World's largest hedge fund to replace managers with artificial intelligence - via [guardian](#)

Robots may be good at following instructions, but could they also be companions/caregivers? - via [asianscientist](#)

LG's New Hub Robot - unveiled 4 Jan at #CES2017 - via [pymnts](#)

LG will put robots under the #CES2017 spotlight - Hub Robot - via [slashgear](#)

IBM is working on a robot (MERA) that could support older people who live alone - via [BIUK](#)

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The Tiny Robots Revolutionizing Eye Surgery - via [techreview](#)

CES 2017: Tech preview of Las Vegas's biggest launches - via [BBCNews](#)

Exploding phones and Snapchat clones: the biggest tech letdowns of 2016 - via [guardian](#)

Design Museum, London: New Old review – everything you need for a techno-utopian retirement - via [guardian](#)

A designer's guide to CES and tech in the year ahead - via [FastCoDesign](#)

In a tech-saturated world, customer feedback is everything - via [TechCrunch](#)

Record numbers of patients are facing long waits in A&Es - documents leaked to BBC - via [BBCNews](#)

2017: The Year Ahead in Healthcare Information Technology - via [HealthITNews](#)

The 10 Best Health Technology Innovations at CES 2017 - via [Berci](#)

Technology, who cares!? Inaugural Lecture by Professor Luc de Witte - 10 March, Sheffield - via [CATCHshef](#)

VERA: Virtual Physical Therapy in the Comfort of Your Own Home - via [Medgadget](#)

The new face of big data: AI, IoT and blockchain - via [KMWorldMagazine](#)

Can robots really make your home run more smoothly? - via [thisismoney](#)

Best 'smart home' robots of CES 2017 - including LG's Hub Robot, Kuri, Olly and Aristotle - via [DailyMirror](#)

LG unveils Hub Robot to compete with Amazon Echo and Google Home - via [guardian](#)

Home robot to nudge older people to stay social and active - ElliQ prototype - via [newsscientist](#)

Why IoT needs AI - via [VentureBeat](#)

Could robots be marking your homework? - via [BBCNews](#)

Jeremy Corbyn vows to take failed care homes into public ownership - via [guardian](#)

How voice technology is transforming computing - via [TheEconomist](#)

2017 Predictions For AI, Big Data, IoT, Cybersecurity - via [Forbes](#)

Tesla Autopilot's new radar technology predicts an accident caught on dashcam a second later - via [ElectrekCo](#)

Living to 100 – On the cusp of CES, what technology will we need? - via [AgingTech](#)

Technology is changing the way we live, learn and work. How can leaders make sure we all prosper? - via [wef](#)

Watchdogs say that what your child tells a “smart” doll is being recorded and monitored - via [qz](#)

Digital Hospitals: The Future of Healthcare - via [DigitalSalutem](#)

Billion-pound framework released for health IT in London and the South - via [digitalhealth2](#)

Multi-million pound pathology framework tender issued by NHS orgs in north of England - via [digitalhealth2](#)

Voice interfaces of the future may be embedded in the products and appliances all around us - via [FastCoDesign](#)

App to increase understanding of prescription medicine - via [BBCNews](#)

Siloed IT systems contributed to NHS failing to learn lessons from preventable deaths - via [digitalhealth2](#)

NHS barcode project aimed at improving patient safety - via [digitalhealth2](#)

Community pharmacies targeted in NHSmail drive - via [digitalhealth2](#)

Apple's first research paper tries to solve a problem facing every company working on AI - via [qz](#)

Artificial Intelligence App Changes the Game for Mobile Health in Canada - via [YahooFinance](#)

NHS to trial artificial intelligence app (@babylonhealth) in place of 111 helpline in NC London - via [FT](#)

TV anchor says live on-air 'Alexa, order me a dollhouse' – guess what happens next... - via [TheRegister](#)

IBM predicts 5 life-changing innovations in next 5 years - eg AI & mental health applications - via [VentureBeat](#)

Enhancing health and wellbeing in dementia: a person-centred integrated approach - reviews - via [dr_shibley](#)

21st-century healthcare: how technology is revolutionising NHS (BT article) - via [Telegraph](#)

Barcode technology helping to improve patient safety - via [DHgovuk](#)

Medical Wearable Devices Strain Health IT Infrastructure - via [HITinfrastruct](#)

Examples of assistive technology from #CES2017 eg smart cane monitors walking habits & falls - via [Telegraph](#)



Tackling blood pressure: the size of the prize – Dr Matt Kearney and Professor Huon Gray - via [NHSEngland](#)

TechUK outlines its Brexit negotiation priorities - via [ComputerWeekly](#)

£10m fund - Biomedical Catalyst - ideas for solving healthcare challenges - deadline 22 March - via [innovateuk](#)

13,000 older people could be forced into care homes against their will - via [Telegraph](#)

U.S. blocks health insurer Aetna's \$34 billion Humana acquisition - via [Reuters](#)

NHS hands over patient records to Home Office for immigration crackdown - via [guardian](#)

How bots will shape the future of work - via [livemint](#)

Accessibility is not just about those with disabilities, it is for us all - new blog from @MollyWattTalks - via [MollyWattTalks](#)

UK tech industry not immune to Brexit, TechUK warns - via [guardian](#)

Live: Jeremy Hunt to cover impact of Brexit on health/social care - 2.30pm, 24 Jan - via [CommonsHealth](#)

90% passengers could be processed through Australian immigration without human involvement - via [guardian](#)

We know social care is in cataclysmic crisis. Now we must find a solution by @BeresfordPeter - via [guardian](#)

Will Surrey residents vote for higher council tax to support social care? - Polly Toynbee - via [guardian](#)

Tinder for cities: how tech is making urban planning more inclusive - via [guardian](#)

Council plans to charge self-funding adults for care assessment - via [CommunityCare](#)

PM's industrial plan signals shift to more state intervention - industrial strategy challenge fund - via [guardian](#)

CCG cost cutting could force some patients with ongoing care needs into care homes - via [HSJnews \(£ subs\)](#)

Ipsos Mori poll found only one in seven people surveyed in December were aware of their local STP - via [HSJnews](#)

Alexa Gives Amazon a Powerful Data Advantage - via [techreview](#)

Putting People at the Centre of Health Care - via [TheWorldPost](#)

PM unveils plans for a Modern Industrial Strategy fit for Global Britain - via [Number10gov](#)

Does charging different user fees for 1ary & 2ary care affect first contacts with primary healthcare? Syst review - via [Study](#)

PM launches 'sector deals' industrial strategy of state intervention - via [guardian](#)

Faulty by design. The state of public-service commissioning - via [reformthinktank](#)

Amazon and Google fight crucial battle over voice recognition - via [guardian](#)

3 Learning and Events

Click on the links below for conferences and learning events over the coming months.

Recent developments in digital health 2017 - 28 February, London

<https://www.rsm.ac.uk/events/events-listing/2016-2017/sections/telemedicine-ehealth-section/teh02-recent-developments-in-digital-health-2017.aspx>

Digital healthcare innovation series: analytics, modelling, decision support, security - 1 March 2017, London <https://www.rsm.ac.uk/events/events-listing/2016-2017/groups/rsm-professionals/rph52-digital-healthcare-innovation-series-analytics,-modelling,-decision-support,-security.aspx>

Wearable Technology Show - 7-8 March, London

<http://www.wearabletechnologyshow.net/home>

Technology, who cares!? Inaugural Lecture by Professor Luc de Witte - 10 March, Sheffield -

<http://www.catch.org.uk/news-articles/technology-who-cares-luc-de-witte/>

Medical apps: mainstreaming innovation 4 April 2017, London

<https://www.rsm.ac.uk/events/events-listing/2016-2017/sections/telemedicine-ehealth-section/teh03-medical-apps-mainstreaming-innovation.aspx>

UK e-Health Week 2017' - 3/4 May, London <http://ukehealthweek.com/index.asp?close=yes>

4 Other useful links

Housing Learning and Improvement Network www.housinglin.org.uk Twitter: @HousingLIN

Telecare Learning and Improvement Network www.telecarelin.org.uk #TLINnews

Telehealth and Telecare Aware – daily news and comments www.telecareaware.com

DigitalHealth.net <http://www.digitalhealth.net/>

TSA – The Voice of Technology Enabled Care <https://www.tsa-voice.org.uk/>

Newsletter prepared by Mike Clark (@clarkmike) and brought to you by the Telecare LIN

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