



Telecare LIN

Connecting you with digital health & care innovation

February 2018 Newsletter

Welcome

Welcome to the February 2018 newsletter from the Telecare Learning and Improvement Network.

Our news service has been available since October 2005.

As in the past, we will be continuing to bring you an extensive curated listing 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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Main News Links

1.1 Telecare, Telehealth, Mobile & Digital Health, Telemedicine

What new research tells us about telecare use in English local authorities - via [CommunityCare](#)

The Minister of State for Care, @cj_dinenage has written to CEOs of all community alarm/#TECSservice providers, stressing how vital it is that they have quality standards in place to ensure the safety of their user - via [TSA](#)

Keeping People Safe In a Digital World With Telecare and Telehealth - via [pptakingcare](#)

Bristol's smart operations centre includes telecare/telehealth/potential links to smart meters - via [DByDNews](#)

With the slew of self-care, fitness and sleep devices on show at CES, the health and medical industries are making big rumbles in consumer tech - via [CNET](#)

Fitbit buys Twine Health in bid to become a more serious health care tool - via [TechCrunch](#)

ViViDoctor raises €400,000 to bring teleconsultations to Belgium hospitals - via [TechCrunch](#)

In Dec 2017, Teladoc., the world's largest virtual care delivery services provider, announced record growth of >100% in the hospital and health system market. They now support >200 hospitals, more than doubling the total in 2017 - via [MHExecutive](#)

My Pacemaker Is Tracking Me From Inside My Body - cloud-connected medical devices save lives, but also raise questions about privacy, security, and oversight - via [TheAtlantic](#)

Better Connected: Find services to help elderly relative stay in their own home - 2017-18 - via [btrconnected](#)

9 Examples of Digital Medication and Smart Pills - via [nanalyzetweets](#)

Study: Cardiogram's DeepHeart detects diabetes through smartwatches - via [MobiHealthNews](#)

Could using a smartphone/computer to track treatment help cancer patients? - via [nypost](#)

Five of the best advances: how assistive technology is reshaping social care - via [CommunityCare](#)

Gadgets for seniors: Ambitious techies roll out robots, smart gear for their elders - via [mercnews](#)

Telehealth programs have proven their value in physical therapy. Now they're being used by senior care programs to help seniors improve their mobility, reduce their need for walkers and canes, and prevent falls - via [mHealthIntel](#)



East Lancashire Hospitals NHS Trust has started using wearable technology designed to prevent falls in older people - via [digitalhealth2](#)

Innovative Solutions in Remote Health Care Conference - 24/25 May 2018 - via [SCTT NHS24](#)

Digital Health and Care - 20/21 Feb 2018 - via [HolyroodEvents](#)

The apps attempting to transfer NHS 111 online - via [bmj latest](#)

Microsoft Ends mHealth App Experiment, Shuts Down HealthVault - via [mHealthIntel](#)

Lack of dedicated mobile apps leading NHS to develop its own, new Digital Health research suggests - via [digitalhealth2](#)

From India: Uttar Pradesh plans 500 telemedicine centres in rural areas - via [htTweets](#)

From the U.S.: Enthusiasm for telemedicine is growing among healthcare providers, but they haven't succeeded in sparking the same fire in their patients, according to a new study - via [HCA News](#)

From the U.S.: Philips and InTouch health make push into direct-to-consumer telehealth market - via [HealthImaging](#)

A new study finds that mHealth apps aren't being used by people with chronic conditions, either because they don't know about the apps or don't think they'll help - via [mHealthIntel](#)

The Poor Aren't Using Health Tracking Apps - via [HuffPost](#)

FDA Releases 2018 Roadmap: Focus On Digital Health Continues - via [lexology](#)

Liverpool CCG ramps up telehealth expansion with Docobo - via [digitalhealth2](#)

Three trends from the Digital Health Summit at #CES2018 - via [medcitynews](#)

From the U.S.: Functionality, usability cited as barriers to adoption of caregiver digital health tools in AARP report - via [medcitynews](#)

Study shows wearables lack clinical impact, but researchers haven't lost hope - via [FierceHealth](#)

Who uses phone apps to track sleep habits? Mostly the healthy and wealthy in US - via [medical_xpress](#)

NICE becomes latest champion for digital health - via [pharmaphorum](#)

Are Mobile Health Apps Good Sources Of Information? - via [Forbes](#)

Digital Innovators: Q&A with Cera co-founder Ben Maruthappu - via [CityAM](#)



The 'secret sauce' to telehealth adoption: 4 pieces of advice from Teladoc marketing chief Stephany Verstraete - via [BeckersHR](#)

Bupa partners up with HealthTap to develop new healthcare solutions - via [digitalhealth2](#)

The apps attempting to transfer NHS 111 online - via [bmj_latest](#)

Microsoft Ends mHealth App Experiment, Shuts Down HealthVault - via [mHealthIntel](#)

Lack of dedicated mobile apps leading NHS to develop its own, new Digital Health research suggests - via [digitalhealth2](#)

New wearable medical devices can help millions of people and advance medical research - says Jared Watkin - via [FoxNews](#)

InTouch, Mission Health, and Jefferson Health partner to develop new telehealth platforms - via [MobiHealthNews](#)

JDRF backs EOPatch, a tiny, wearable insulin pump - via [MobiHealthNews](#)

Digital health trends and predictions for 2018, part 2 - via [MobiHealthNews](#)

Recent developments in digital health - via [hippocraticpost](#)

If Digital Health is the Future, the Future is Not Here. Yet - via [KQED](#)

The U.S. Food and Drug Administration has begun to select participants for a new digital health software pilot program - via [digitaljournal](#)

German employee wellness app Humanoo lands \$6.4M in funding - via [MobiHealthNews](#)

Heart Study app could be Apple's first FDA-cleared product - via [MobiHealthNews](#)

From the U.S.: Surging flu is a proving ground for digital health, telemedicine - via [MobiHealthNews](#)

SMEs can apply for a share of £1 million to support the evaluation of innovative medical devices, diagnostics and regulated digital health products (deadline 21 March 2018) - via [GOVUK](#)

80% of the 20 health apps evaluated in a study transmitted health-related data to third-party companies, with only half doing so over secure connections. Most of the apps did not meet appropriate legal requirements or standards - via [NewsMedical](#)

Digital Health: Easy Entry, Difficult Exit - via [Forbes](#)

The boom in digital healthcare is India's opportunity to build global telemedicine companies - via [YourStoryCo](#)

Published study reports use of nutritional ketosis with mobile app intervention could reverse Type 2 diabetes' - via [LifeAtPurdue](#)

From the U.S.: Senate budget agreement includes telehealth expansion and Meaningful Use reform - via [FierceHealth](#)

NHS England looks towards ecosystem of apps - via [UKAuthority](#)

Empatica's consumer-facing epileptic seizure-detecting wearable gets FDA clearance - via [MobiHealthNews](#)

NHS delegates in India to promote innovation in healthcare - via [digitalhealth2](#)

More than half of working adults in the UK would be prepared to wear devices designed to monitor their mental health and flag troubling symptoms, according to a new report - via [digitalhealth2](#)

Telemedicine program saves time, money in managing type 1 diabetes - via [CardioBusiness](#)

FDA wants to launch a Center of Excellence on Digital Health - via [BeckersHR](#)

A population health management approach to ageing - via [NHSEngland](#)

7 mileposts to determine future telemedicine success - via [HDMmagazine](#)

Indian weight loss, fitness app maker HealthifyMe secures \$12M - via [MobiHealthNews](#)

Study: Many health apps insecure, do not conform to EU privacy requirements - via [MobiHealthNews](#)

NHS bosses have appointed emergency medicine consultant Simon Eccles as the health service's new chief clinical information officer - via [HSJnews \(£ subs\)](#)

Amazon brings voice control to its Alexa app for Android, with iOS coming soon - via [TechCrunch](#)

Cedars-Sinai Hospital is using Fitbits to help patients who have been through surgery. The mHealth wearable gives both doctors and patients a platform to manage care and improve recovery time - via [mHealthIntel](#)

An analysis of the eConsult service finds that doctors using the telemedicine platform for cardiology consults saved about \$500 in Medicaid costs per patient over a six-month span - via [mHealthIntel](#)

California-based Front Porch is using a wide variety of telehealth programs, from interactive touchscreens and tablets to robotic seals, to engage its senior population and improve their mental and physical health - via [mHealthIntel](#)

Cedars-Sinai Study Finds mHealth, RPM Aren't Changing Outcomes Yet - via [mHealthIntel](#)



Wearable Patch Can Assess Heart Failure States - via [DoctorsLounge](#)

Omron's blood pressure smartwatch will launch later this year once it's got FDA approval - via [wareable](#)

Patients are put in danger by poor NHS tech. I created an app to help' - by Sarah Johnson - via [guardian](#)

Amazon brings voice control to its Alexa app for Android, with iOS coming soon - via [TechCrunch](#)

Can cost-effective tech-enabled care interventions support people with respiratory conditions to reduce medical emergencies & improve quality of life? - by @PaulBurstow - via [Trustech](#)

The University of Nebraska Medical Center is launching a 500-person mHealth study, using Omada Health's digital health platform, to test the value of virtual coaching in a diabetes prevention program - via [mHealthIntel](#)

Telehealth program empowers heart failure patients to self-manage condition - via [Enterprisei](#)

Opportunities abound for artificial intelligence in the health sector, from virtual nurse apps to cyber protection, while data analysis has the potential to avert problems with patient flow - via [guardian](#)

NHS Digital welcomes new guidance as UK firms told to shore up cybersecurity - via [digitalhealth2](#)

Kaiser Permanente Colorado finds there's more to telemedicine than video - KP Colorado has managed to resolve nearly two-thirds of patient issues via chat - via [HealthITNews](#)

How virtual care can boost the value of telehealth services - via [HDMmagazine](#)

NHS to design “healthy homes” as part of a radical national programme. Residents will also be offered digital health trackers so they can undergo monitoring by GPs - without leaving their home - via [Telegraph](#)

Digital health tracking: Preventive care or privacy invasion? - 24-hour health monitoring is high tech. But is it helpful? - via [HarvardHealth](#)

The Apple Watch can detect diabetes with an 85% accuracy, Cardiogram study says - via [TechCrunch](#)

Ramping up telehealth, from adoption to optimization: The importance of raising patient awareness - via [BeckersHR](#)

Penn Medicine launches new telehealth hub as interest in virtual services mounts nationwide - via [FierceHealth](#)

This founder lived in a nursing home for 3 months to get his #digitalhealth start-up off the ground - via [CNBC](#)

A mental health and wellbeing text service aimed at young people has been launched across North Yorkshire - via [digitalhealth2](#)

Digital executives discuss consumer power at health and tech event - via [digitalhealth2](#)

Doctaly raises £900,000 in funding for national expansion - via [digitalhealth2](#)

UK initiative seeks Israeli digital health tech to assist NHS - via [Reuters](#)

From the U.S.: Report: Interest in telemedicine on the rise, but reimbursement remains a hurdle - via [MobiHealthNews](#)

Overcoming the barriers to greater use of mobile technology in healthcare - via [digitalhealth2](#)

Dublin-based medical device firm raises €40m for remote monitoring tech - via [digitalhealth2](#)

Pulse Labs has raised \$2.5 million in seed funding to help voice apps better interact with humans - via [TechCrunch](#)

U.S. regulators have approved the first piece of consumer tech for a neurological condition: a medical-grade smartwatch that monitors for dangerous seizures and sends an alert to summon a caregiver's help - via [IEEESpectrum](#)

Smart applications of technology could offer a lifeline for older people at risk of social isolation and loneliness, according to new research from Appello - via [carehomepro](#)

What Do Tomorrow's Doctors Think of Mobile Health Technology? - via [mHealthIntel](#)

4 ways to make sensors work for mobile health - via [MedTechDaily](#)

The NHS Digital Academy will be a "really important mechanism" for improving cyber security within the organisation, NHS England's CIO has said - via [digitalhealth2](#)

1.2 Smart Home Technologies & Internet of Things

Why big tech firms want to disrupt your kitchen and make your oven talk to you - via [Independent](#)

Voicegram lets anyone record and share a conversation with Alexa - via [TechCrunch](#)

Apple HomePod finally available to buy, three years after the Echo - via [guardian](#)

The Apple HomePod ships in the US on February 9 for \$349 - via [TechCrunch](#)

Evaluation by NHS England says smartphones could become "the primary method of accessing health services," with almost 16m enquiries dealt with by algorithms, rather than over telephone, by 2020 - via [Telegraph](#)



Adoption of voice-activated speakers is now outpacing that of smartphones in the US, study says - Around 39 million U.S. adults now own a smart speaker - via [CNBC](#)

Echo Spot: 'smart clock' launched as Amazon seeks to lock rivals out of home - via [guardian](#)

Smart Homes Won't Just Automate Your Life—They'll Track Your Health Too - via [singularityhub](#)

Creating more modified homes could save the NHS and social care system over £2.5 billion a year according to a new report by the Institution of Mechanical Engineers - via [OpenAccessGov](#)

With automated homes and consumer-ready robots on the rise, are we ready and able to finally bring the future into the present - by Andrew Gebhart? - via [CNET](#)

Business Is Embracing Internet Of Things As Most Important Technology, Says New Study - via [Forbes](#)

Sensor-activated social work: how assistive technology helps maintain contact and control living space - Wigan testbed - via [CommunityCare](#)

1.3 Health Tech

More than £250m allocated to improve NHS technology was never spent, with the government saying the money is now “available to offset pressures in other parts of the system - via [HSJnews \(£ subs\)](#)

A study has suggested that more than two-thirds of patients prefer digital communications from their healthcare provider over those sent via post - via [digitalhealth2](#)

Ambulance trust GDEs confirmed by NHS England - via [digitalhealth2](#)

Norway healthcare cyber-attack ‘could be biggest of its kind’ - via [digitalhealth2](#)

A study has suggested that more than two-thirds of patients prefer digital communications from their healthcare provider over those sent via post - via [digitalhealth2](#)

NHS Digital confirmed to Digital Health Age that over 40% of 97 CCGs who have provided the information now offer free patient Wi-Fi - via [digihealthnews](#)

Bridging the Digital Divide: Mobile Access to Personal Health Records Among Patients With Diabetes - via [AJMC Journal](#)

From the U.S.: Apple is officially in the EHR business. Now what? - via [modrnhealthcr](#)

Apple is going after a project Google abandoned — easy access to your complete medical records - via [BIUK](#)

Apple will let you keep your medical records on your iPhone or Apple Watch - About a dozen hospitals have signed up, as have medical-record vendors - by @chrissyfarr - via [CNBC](#)

Can tech help in averting next winter crisis? - via [digitalhealth2](#)

Support for SMEs to evaluate innovative medical technologies (closes 21 March) - via [GOVUK](#)

Scottish health board using analytics to cut mental health waiting times - via [digitalhealth2](#)

NHS Digital seeking de-identification tech for Data Services Platform - via [digitalhealth2](#)

NHS green-lights cloud technology for storing patient data - via [digitalhealth2](#)

Health IT funding set record in 2017 with AI/predictive analytics as top tech funded, with patient engagement, telehealth and clinical decision support close behind. Declines in mobile health apps and wearable sensors year-over-year - via [HealthITNews](#)

NHS green-lights cloud technology for storing patient data - via [digitalhealth2](#)

Organisations should appoint a board lead on data security and consider suspending IT access for any executive who fails to complete annual cybersecurity training, NHS England's chief information officer has suggested - via [digitalhealth2](#)

The health service's adoption of cloud technology should be "as part of a sensible, risk-managed approach" with security at its heart, NHS Digital's chief technical architect has argued - via [digitalhealth2](#)

NHS and social care data: off-shoring and the use of public cloud services - via [NHSDigital](#)

Hacked medical devices could wreak havoc on health systems - via [modrnhealthcr](#)

Welsh NHS systems back up after computer 'chaos' - via [BBCNews](#)

Parts of NHS England only able to fill one in 400 nursing vacancies - Official figures show more unfilled nurse and midwife posts than ever recorded - via [guardian](#)

Major cyber-attack on UK a matter of 'when, not if' – security chief - via [guardian](#)

Hacked medical devices could wreak havoc on health systems - via [modrnhealthcr](#)

Support for SMEs to evaluate innovative medical technologies (closes 21 March) - via [GOVUK](#)

Amazon's new healthcare company could give smaller healthtech players a boost - via [TechCrunch](#)

January was one of most difficult months on record for A&E in England, figures have confirmed. The four-hour A&E target was missed for 30th month in a row with 85.3% of patients seen in 4 hours, marginally better than 85.1% in December - via [BBCNews](#)

Social care - a missing piece of the shared care record jigsaw? - via [BJHC_news](#)

Assessing health tech in the EU: Commission proposes to reinforce cooperation amongst Member States - via [ECHAlliance](#)

Making digital transformation in health a success needs close collaboration between digital technologists and clinicians by @sonalivthakrar - via [PAConsulting](#)

Every NHS trust assessed for cyber security vulnerabilities has failed to meet the standard required, civil servants have said for the first time - via [guardian](#)

NHS computer problems could be to blame for deaths, academics claim - via [Independent](#)

1.4 Robotics, AI and VR

AI voice assistant developer Rokid raises \$100M Series B extension to build its US presence - via [TechCrunch](#)

Robotic aides could relieve the burden of caring for a growing elderly and disabled population—if we can take advantage of technological advances without ignoring human needs - by Nic Carey - via [sciam](#)

Amazon may be developing AI chips for Alexa - via [TechCrunch](#)

Smart speakers and A.I. will give your physician superpowers - via [kevinsealsmd](#)

Japan: robots could help care for 80% of elderly by 2020 - Japanese government wants to increase acceptance of technology that could help fill the gap in the nursing workforce - predicted shortfall of 370,000 caregivers by 2025 - via [guardian](#)

Think tank report argues AI could help with efficiencies within the NHS - via [digitalhealth2](#)

Medopad lends machine learning know-how to US medical academy - via [digitalhealth2](#)

Medopad gets \$28M to connect patients and providers with mobile, AI tools - via [MobiHealthNews](#)

A new study out of UCSF uses an AI platform integrated with popular mHealth wearables like the Apple Watch and Android Wear to detect diabetes in one's heart rate and step counts - via [mHealthIntel](#)

The FDA has approved an mHealth app that uses artificial intelligence software to analyze CT scans for signs of a stroke, then sends a text message to a neurologist - via [mHealthIntel](#)

Can Virtual Reality Beat Standard Rehabilitation after a Stroke? - via [iMedicalApps](#)

From the U.S.: This Company's AI-Fueled Tech Is About to Bring Digital Health Care to Millions - via [FortuneMagazine](#)



Artificial intelligence (AI) can analyse data collected on wearable technology and help NHS clinicians support changes in patients' behaviour, research suggests - via [thebsp](#)

Customers have been unnerved by a robot assistant – so why does the government think we will trust helpline automatons when we're sick? - by Stuart Heritage - via [guardian](#)

First robot shop assistant tested at Scottish supermarket - via [heraldscotland](#)

AI is gradually being adopted by health services to assist medics with diagnosis of serious diseases. In one new development, scientists in Oxford have launched an AI system for heart disease - via [digitaljournal](#)

UK PM seeks 'safe and ethical' artificial intelligence - via [BBCNews](#)

Customers have been unnerved by a robot assistant – so why does the government think we will trust helpline automatons when we're sick? - by Stuart Heritage - via [guardian](#)

First robot shop assistant tested at Scottish supermarket - via [heraldscotland](#)

In a US practice, chatbot/text campaign for flu shots bolsters patient response rate by 30% - via [MobiHealthNews](#)

Healthcare artificial intelligence market analysis, innovation trends and current business trends by 2024 - via [digihealthnews](#)

What's It Like Working Alongside Automation? How Walmart's New Robots "Fit In - via [futurism](#)

The CEO of Openreach aims to connect 10m customers to 'ultra-fast' by 2025 - via [BBCNews](#)

Malaysia to produce world's first AI powered stethoscope - via [MIMScorn](#)

Robot lands in Stockport to help tackle loneliness and isolation in people with dementia - via [MM_newsonline](#)

What will it mean for mankind when robots start caring for us? - Cyborgs are being built to help the elderly, nurse the sick and tend the children - via [spectator](#)

What Changes When AI Is So Accessible That Everyone Can Use It?' - via [HarvardBiz](#)

Future robots won't look like humans because we're poorly designed - by Simon Watson - via [TheNextWeb](#)

Researchers found that using machine learning algorithms pinpointed 25 percent more diabetics at risk of kidney damage than clinical tools and human judgment - via [HealthITNews](#)

Could robots and VR support global ageing? Japan is finding out - 27.3% aged 65 and over - via [statnews](#)

The Training of Dr. Robot: Data Wave Hits Medical Care - via [Medscape](#)

1.5 Policy, guidance, announcements, miscellaneous

Sustainability and transformation in the NHS - Additional funding, aimed to help the NHS get on a financially sustainable footing, has instead been spent on coping with existing pressures - via [NAOorguk](#)

Funding to 'transform' the NHS has only succeeded in propping up struggling services, and may have worsened health service finances in the long run, a report by the National Audit Office (NAO) has found - via [Independent](#)

Pressures on busy A&E units have begun to ease in England, but hospitals still remain overcrowded, NHS figures show - via [BBCNews](#)

NHS crisis: 100,000 waited 30 minutes in ambulances this winter - Latest figures show almost a quarter of those had to wait at least an hour before being seen - via [guardian](#)

Comprehensive Care – NIHR themed review of research into older people with frailty in hospitals - via [GeriSoc](#)

Commons public accounts committee has warned against advice to cut spending to NHS's Continuing Healthcare - via [guardian](#)

Radioactive isotopes imported from EU & Canada are used in up to 500,000 scans to diagnose cancer per year, but fears have been raised about supplies running dry when Britain leaves Euratom, the EU's nuclear regulator - via [Telegraph](#)

Against the Odds ~ Innovation Unit and the Health Foundation have joined forces to understand, and share insights about, how to scale innovation in the NHS - via [Innovation Unit](#)

We'll live longer but suffer more ill-health by 2035 - Number of older people suffering from four medical conditions to double in less than 20 years, researchers claim - via [guardian](#)

The Royal College of Paediatrics and Child Health said the young were the most "disadvantaged" by inefficient health services, cuts to public health, and a "rising tide of poverty" - via [BBCNews](#)

Women with severe pre-eclampsia should have their blood pressure closely monitored for a year after giving birth because high blood pressure can remain undetected, a new study suggests - via [BBCNews](#)

More nurses are needed to prevent another scandal similar to that at Mid Staffordshire NHS trust, in which poor care was blamed for patient deaths, nursing leaders have said - via [guardian](#)

NHS compensation payouts 'unsustainable', say health leaders - rising cost of payments diverting funds away from frontline care, justice secretary told - via [guardian](#)

Health leaders have written to Justice Secretary David Gauke urging him to reform the payout system for negligence claims against the NHS in England - via [BBCNews](#)



The NHS will not be privatised because public support for it is so strong that any government seeking to change its funding model would be committing “political suicide”, an analysis has claimed - via [guardian](#)

Hip fracture patients face up to 80-day wait for rehab, survey finds - via [BBCNews](#)

The Department of Health and Social Care has declined to explain how it is funding the bulk of the £540m of additional funding for the NHS next year - via [HSJnews \(£ subs\)](#)

Electric pulses to the brain can improve memory as much as 15 per cent, finds study - via [Independent](#)

Patients with severe mental illness waiting up to two years for NHS treatment, BMA finds - via [Independent](#)

£1bn from NHS funds were used to keep services running this year, Treasury papers reveal. The money had been earmarked for maintenance and repairs of ageing NHS buildings and equipment - via [Independent](#)

Hidden from the targets: how long are patients waiting for NHS care? - via [TheKingsFund](#)

Why digital strategies fail - via [McKinsey](#)

Inside Amazon’s surveillance-powered no-checkout convenience store - via [TechCrunch](#)

Are confusing bid notices leading to ‘bad outcomes’ for government digital projects? - via [PublicTech](#)

Inside Amazon’s surveillance-powered no-checkout convenience store - via [TechCrunch](#)

Record numbers of patients dying malnourished in NHS hospitals with nearly one case a day - via [Telegraph](#)

Storyline lets you build and publish Alexa skills without coding - via [TechCrunch](#)

NHS hospitals in England record worst ever A&E performance - Only 77.1% of patients were dealt with within four hours in January, well short of 95% target - via [guardian](#)

Growing old gracefully with a new ISO technical committee for ageing societies - via [isostandards](#)

NHS hospital trusts in England may have to recalculate A&E performance figures from last October onwards. The UK Statistics Authority has told NHS England to explain changes to the recording of A&E data - via [BBCNews](#)

NHS hospital trusts in England may have to recalculate A&E performance figures from last October onwards. The UK Statistics Authority has told NHS England to explain changes to the recording of A&E data - via [BBCNews](#)



How to control a machine using your mind - last year, Bill Kochevar was fitted with a brain-computer interface, or BCI, that enabled him to move his arm and hand for the first time in eight years - via [BBCNews](#)

Waiting times at major A&E departments worst on record in January, figures reveal - via [Telegraph](#)

Your next phone may have an ARM machine learning processor - via [TechCrunch](#)

More than 1m older people are at risk of “withering away in their own homes” as a result of malnutrition caused by social isolation and cuts to public services - via [guardian](#)

Doctors blocked by Home Office from taking up vital NHS jobs - via [guardian](#)

More than 1m older people are at risk of “withering away in their own homes” as a result of malnutrition caused by social isolation and cuts to public services - via [guardian](#)

Evaluation by NHS England says smartphones could become “the primary method of accessing health services,” with almost 16m enquiries dealt with by algorithms, rather than over telephone, by 2020 - via [Telegraph](#)

New report - Healthy homes: accommodating an ageing population - via [IMechE](#)

Why the annual winter health crisis could be solved in homes, not hospitals - via [ConversationUK](#)

Call for NHS to do more to help terminally ill people die at home - via [guardian](#)

Half of large care home providers have at least one in four failing homes - via [theipaper](#)

Annual smartphone shipments in China declined for the first time in 2017 - via [TechCrunch](#)

How a new technology is changing the lives of people who cannot speak - via [guardian](#)

Kings Fund report suggests NHS fragmentation is stifling innovation - via [digitalhealth2](#)

Businesses can apply for a share of up to £8 million to improve healthcare or reduce costs for health services, under the Industrial Strategy Challenge Fund (Opens 15 Feb, closes 18 April) - via [innovateuk](#)

Apple and Amazon’s moves in health signal a coming transformation - via [TheEconomist](#)

Businesses can apply for a share of up to £8 million to improve healthcare or reduce costs for health services, under the Industrial Strategy Challenge Fund (Opens 15 Feb, closes 18 April) - via [innovateuk](#)

Apple pledges \$350 billion investment in US economy over next five years - via [TechCrunch](#)

May appoints minister to tackle loneliness issues raised by Jo Cox - via [guardian](#)

98% of social workers cited at least one difficulty with sharing info digitally - While 49 per cent had smart phone to support remote/mobile working, more than a quarter could only access case information while in the office - via [NHSDigital](#)

Frail and vulnerable patients are being trapped in an "endless cycle" of going in and out of hospitals in England, the British Red Cross is warning - via [BBCNews](#)

Brexit could mean disruption to medical technologies, report suggests - via [digitalhealth2](#)

The unbeatable advantage of Apple and Amazon - via [TechCrunch](#)

What to expect from Mobile World Congress 2018 - via [TechCrunch](#)

UK businesses can apply for a share of up to £19 million to develop innovations in emerging and enabling technologies or health and life sciences. A further £12 million is available for KTPs - via [innovateuk](#)

Can Apple Take Healthcare Beyond the Fax Machine? - by @mandl - via [SmartHealthIT](#)

A nonprofit founded by the AMA and other major players in health care and technology is seeking comments on an early set of guidelines that aim to assess the quality, safety and effectiveness of mHealth apps - via [AmerMedicalAssn](#)

Health care technology company Zebra has released its "2022 Hospital Vision Study," which anticipates the top three trends in the industry will be remote monitoring, telehealth and artificial intelligence - via [MobiHealthNews](#)

Blue badge parking permits to be rolled out to people with hidden disabilities, Government proposes - via [Independent](#)

Long-term health conditions drive A&E visits, not lack of GP services - via [medical_xpress](#)

Latvia's e-health system hit by cyberattack from abroad - via [physorg.com](#)

Scientists have taken a step towards one of the biggest goals in medicine - a universal blood test for cancer - a team at Johns Hopkins University has trialled a method that detects eight common forms of the disease - via [BBCNews](#)

New: Essentials of Dementia - Everything You Really Need to Know for Working in Dementia Care' by @dr_shibley & @ProfRobHowar - via [Dr_shibley](#)

GPs have almost twice the 'safe' number of patient contacts a day - via [pulsetoday](#)

Intel fix causes reboots and slowdowns - via [BBCNews](#)

Fears over 'loss of momentum' for new care models as funding shifts from March 2018 - via [HSJnews \(£ subs\)](#)

From the running of general practices to carrying out surgical operations, the role of nurses is changing. So what are some of the things modern nurses do? - via [BBCNews](#)

Dementia study adds to calls for more funding of music therapy - via [guardian](#)

Family doctors working 'beyond safe levels', says GPs' leader - via [guardian](#)

Social care is more than just speeding up hospital discharge - by @PaulBurstow - via [bmj_latest](#)

PM commits to government-wide drive to tackle loneliness - via [Number10gov](#)

A draft plan, now open for consultation in Scotland, will look at the causes of social isolation and loneliness and how they can be addressed - via [scotgov](#)

Adoption and spread of innovation in the NHS - via [TheKingsFund](#)

More than 10% of the nursing workforce have left NHS employment in each of the past three years - number of leavers would be enough to staff more than 20 average-sized hospital trusts - via [BBCNews](#)

Web-connected thermometers track the flu in real time - via [NYTimes](#)

The doctor can see you now... from miles away - via [Telegraph](#)

NHS England is urging local commissioners to purchase digital NHS 111 services, with a report predicting more than a third of 111 calls will be triaged by online algorithms - via [HSJnews \(£ subs\)](#)

Mental health still losing out in NHS funding, report finds - via [guardian](#)

From Denmark: Government unveils new digital strategy for health sector - via [cphpost](#)

Ten organisations engaged in driving NHS innovation. In total they cost £89 million from @RoyLilley - via [RoyLilley](#)

Medical students urged to volunteer as NHS winter crisis worsens - via [guardian](#)

With one in five elderly Japanese predicted to have dementia by 2025, entire communities are working to improve the lives of older citizens - via [guardian](#)

NHS England lifts suspension on non-urgent operations - via [BBCNews](#)

NHS winter crisis: when a plan is not a plan - via [TheKingsFund](#)

A 'Brexit dividend' to spend on the NHS? - via [UKandEU](#)

NHS England review says £1bn needed to stop cyberattacks - via [HSJnews \(£ subs\)](#)

Joint inquiry launched on long-term funding of adult social care - written submissions by 7 March - via [UKParliament](#)

NHS hospitals facing serious shortages of vital equipment - via [guardian](#)

Reimagining community services: making the most of our assets - via [TheKingsFund](#)

Increased social spending was associated with health improvements at the population level, while health spending increases did not have the same effect, according to a large new Canadian study in CMAJ - via [EurekAlert](#)

Innovative Solutions in Remote Health Care Conference - 24/25 May 2018 - via [SCTT NHS24](#)

Blue badge parking permits to be rolled out to people with hidden disabilities, Government proposes - via [Independent](#)

NHS and social care data: off-shoring and the use of public cloud services - via [NHSDigital](#)

Long-term health conditions drive A&E visits, not lack of GP services - via [medical_xpress](#)

Latvia's e-health system hit by cyberattack from abroad - via [physorg_com](#)

Amazon Echo Spot review - via [guardian](#)

Working together for a digital future - by @JulietBauer - via [NHSEngland](#)

Health Education England's Chief Information Officer examines the work of the New Care Models Programme to create a digital ready workforce - via [NHSEngland](#)

New mothers to be offered NHS counselling by Skype to tackle post-natal depression - via [Telegraph](#)

We need to talk about ageing – and it's about far more than the NHS - by John Harris - via [guardian](#)

>100 elected officials from 5 political parties concerned about impact of Brexit on the NHS, saying leaving EU is "the biggest threat of all" to the health service - via [Independent](#)

Harnessing innovation - how to deliver transformation in the NHS - via [PwC_UK](#)

toSense's remote patient monitoring necklace gets FDA clearance to measure stroke volume and cardiac output - via [MobiHealthNews](#)

Amazon's health care move could be a big win for consumer health start-ups - via [CNBC](#)

Hospitals have been cancelling urgent surgery for patients with cancer, heart disease and other life-threatening illnesses, despite NHS bosses' orders not to delay such operations - via [guardian](#)

UPMC's 5 yr old tablet-based program was initially only for patients with CHF, but is now in the process of expanding to as many as 4 other conditions, and is a valuable tool in preventing expensive and unnecessary hospitalizations - via [HealthLeaders](#)

Doctors and patients are heading in opposite directions: patients increasingly have multiple conditions, while doctors are specialising not just in organ systems but in parts of organs. What are the consequences of this divergence? - via [bmj_latest](#)

Omada Health has made plans with the University of Nebraska Medical Center (UNMC) and Wake Forest University to conduct the largest randomized controlled study of a digital diabetes prevention tool - via [MobiHealthNews](#)

Study: Interactive text messages improve Medicare members' prescription refills by 14 percentage points - via [MobiHealthNews](#)

GPs are leaving the profession at an increasing rate because they feel "undervalued", fuelling what the British Medical Association (BMA) has described as a "crisis" - via [BBCNews](#)

Northamptonshire County Council has issued a section 114 notice imposing financial controls and banning expenditure on all services except for its statutory obligations to safeguard vulnerable people - via [guardian](#)

£42m new research institute to boost evidence on improving care in the NHS - via [HealthFdn](#)

Text messages increase Rx refill rates, study shows - via [healthcaredive](#)

Chris Ham and Anna Charles: Accountable care is a promising way of integrating care - via [bmj_latest](#)

Joint NHS England/NHS Improvement guidance setting out the expectations for commissioners and providers in updating their operational plans for 2018/19 - via [NHSEngland](#)

Saving the NHS isn't just about money. Here are the radical reforms we need - via [Telegraph](#)

From Scotland: Outdated IT systems, reluctance to change and confusion over data sharing are preventing innovation in the NHS, finds a Parliamentary Committee - via [ScotParl](#)

Amazon joins up with US firms to enter healthcare sector - via [BBCNews](#)

Judicial review granted to determine the lawfulness of the Secretary of State's proposals to introduce Accountable Care Organisations - via [Independent](#)

Government acts to protect essential services from cyber attack - via [DHSCgovuk](#)

The flat of the curve - Do you want more health, or health care - via [felly500](#)

Google is using 46 billion data points to predict the medical outcomes of hospital patients - via [qz](#)



Growing innovative models of health, care and support for adults - via [nesta_uk](#)

A crisis in social care will lead to the imminent closure of providers across the country unless ministers step in to fill a £400m black hole in back pay, councils have warned - via [guardian](#)

Northamptonshire council faces up to cost of effective bankruptcy - via [guardian](#)

Energy firms could get welfare data - via [BBCNews](#)

JDRF partners with Cam Med for development of patch-like insulin pump – via [MobiHealthNews](#)

Edible QR medication could help doctors prescribe more accurately, keep patients more informed - via [MobiHealthNews](#)

Massachusetts hospital hopes health coaching will reduce cardiac readmissions - via [MobiHealthNews](#)

Kinsa launches QuickCare, an FDA-cleared wireless connected thermometer' - via [MobiHealthNews](#)

Department of Health and Social Care single departmental plan - via [DHSCgovuk](#)

It's a life or death situation': why GPs are referring patients to food banks - by Rachel Pugh - via [guardian](#)

Nearly 1.5m people work in adult social care in England & billions of pounds is spent on the sector. Yet the workforce is undervalued and poorly rewarded, which is leading to high turnover lots of unfilled posts - by Andy Whittingham - via [guardian](#)

Priorities for the NHS in 2018/19 and beyond - via [TheKingsFund](#)

Hospital corridors are the new emergency wards, experts say, with growing numbers of patients finding themselves stuck on trolleys because there are no beds for them - via [BBCNews](#)

Care sector: 'Short of nurses and other key staff - via [BBCNews](#)

The adult social care workforce in England - number of people working in care is not meeting country's growing care demands and unmet care needs are increasing - 27.8% care staff turnover in 2016/17, 350,000 to 750,000 needed by 2030 - via [NAOorguk](#)

Council tax rises on the way as local authorities try to stay afloat 95% of councils in England could increase charges in April, while some will cut services - via [guardian](#)

What does the future hold for integrated care systems? - via [TheKingsFund](#)

Theresa May refuses to exclude NHS contracts from US trade deals - via [guardian](#)

£54 million funding to transform health through data science - via [HDR UK](#)

PwC and Digital Catapult launch the Scale | Health programme to help transform the health industry through scalable innovation - via [PwC UK](#)

Just one hour a week of social interaction could help people with dementia - via [guardian](#)

Final local government finance settlement: England, 2018 to 2019 - via [mhclg](#)

Councils give cautious welcome to extra £150m for social care - via [guardian](#)

Walkable cities reduce blood pressure and hypertension risk, study finds - via [guardian](#)

A delay in agreeing a Brexit transition deal could harm NHS patients, a senior MP has warned - via [guardian](#)

Migrant adult social care staff 'add £4.4bn to English economy - via [guardian](#)

Twitter can be a rich data source for information on drug side effects that impact patients' quality of life, researchers have shown - via [PJOnline News](#)

Patient's chest rebuilt with 3D print after tumour surgery - via [BBCNews](#)

Life expectancy gap between rich and poor widens - via [BBCNews](#)

Accessible cities - Most cities are utterly unfriendly to people with disabilities – but with almost one billion estimated to be urban-dwellers by 2050, a few cities are undergoing a remarkable shift - via [guardian](#)

Thousands of NHS staff to transfer to subsidiary companies - via [HSJnews \(£ subs\)](#)

Adult social care: is privatisation irreversible? - via [LSEpoliticsblog](#)

Remote Monitoring Could Help COPD Patients, but More Studies Needed, Researchers Conclude - via [lungdiseaseneews](#)

Kinsa launches QuickCare, an FDA-cleared wireless connected thermometer - via [MobiHealthNews](#)

A third of people with dementia in England 'not receiving full care' - Age UK says many people do not have individual care package to which they are entitled - via [guardian](#)

Inside America's first solar-powered town - but is it a vision of the future? - via [Telegraph](#)

Communities and Local Government Select Committee Report: Housing for older people needs national strategy - via [UKParliament](#)

We've never been so connected, but for millions, this is the age of loneliness - How should we tackle the loneliness epidemic? - via [BBCNews](#)

A surge in older users means over-55s will become the second-biggest demographic of Facebook users this year - via [guardian](#)

2 Learning and Events

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

Mobile World Congress, 26 February to 1 March 2018, Barcelona
<https://www.mobileworldcongress.com/>

The Digital Health Technology Show - 13/14 March 2018, London
<https://www.eventbrite.co.uk/e/the-digital-health-technology-show-tickets-35880257817>

Digital Health and Care Congress 2018 - The Kings, Fund, London 10/11 July 2018
<https://www.kingsfund.org.uk/events/digital-health-and-care-congress-2018>

The International Technology Enabled Care Conference will be 16/17 October 2018 in Birmingham - theme this year is 'Connecting People, Improving Lives - A Digital Future for Technology Enabled Care <https://www.tsa-voice.org.uk/international-conference>

3 Other useful links

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

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

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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