Welcome

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

Our news service has been available since October 2005. From January 2016 we are now back with a monthly Telecare LIN roundup together with daily news via Twitter (follow @clarkmike).

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

Cyprus - news podcast: Telecare to replace regular visits to the doctor - via [cyprusmail](#)

David Oliver: Telehealth and telecare need a different approach - via [bmj_latest](#)

Supported housing alarms 'not fit for 21st century' – Appello boss - via [Bournemouthecho](#)

Akuvox Android Indoor Monitor helps make UK Telecare smart - via [SourceSecurity](#)

Simultaneous Touchless Monitoring of Several Patients' Vital Signs - via [IEEESpectrum](#)

Connected medical devices seek a place in clinical setting - via [SearchHealthIT](#)

Controlling diabetes with your phone might be possible someday - via [medical_xpress](#)

Video remote monitoring for directly observed therapy stems TB outbreak in Puerto Rico - via [medcitynews](#)

How remote patient monitoring made its way into Medicare's 2018 reimbursement rules - via [MobiHealthNews](#)

Online test aims to predict best antidepressants for individual patients - via [guardian](#)

Frail hospital patients put at risk for want of basic NHS fall sensor equipment costing less than £100, coroner warns - via [Telegraph](#)

From Australia: Baby boomers driving tech innovation in aged care - via [iTnews_au](#)

Laser-equipped shoes help Parkinson's patients take the next step - via [TechCrunch](#)

Digital Pills Track How Patients Use Opioids - via [techreview](#)

Hampshire County Council uses tech to tackle loneliness - via [PublicTech](#)

A Los Angeles hospital is using Fitbits to help patients go home sooner - by @chrissyfarr - via [CNBC](#)

Advanced Tele-Health Study Shows Improvement in Health of Elderly with Smart Health Solution - via [iWireService](#)

Biotricity Recognizes Remote Monitoring is Key to Chronic Care Management - via [GlobeNewswire](#)

Accurate Glucose Monitor Integrated Inside a Smartphone Case - via [Medgadget](#)

Diabetes Data Management System to Improve Glycemic Control in People With Type 1 Diabetes: Prospective Cohort Study - via JMedInternetRes

Biotricity Awarded FDA 510(k) Clearance for its Biometric Remote Monitoring Device - via hitconsultant

Your smartphone as medicine: Digital therapy is here to stay - via statnews

Study: Smartphone photos found 83 percent accurate for pediatric dermatology diagnoses - via MobiHealthNews

Commentary: The New Digital Pill Is Another Example of the Limits of Technology in Health Care - via FortuneMagazine

Japan is embracing nursing-care robots - around 5,000 nursing-care homes across the country are testing robots - via TheEconomist

Using technology to help address delayed transfer of care - via DByDNews

Supporting Scotland's Workforce - Technology Enabled Care Research Report November 2017 - via NHS_Education

Using technology to help address delayed transfer of care - via DByDNews

Medication Adherence and Technology-Based Interventions for Adolescents With Chronic Health Conditions: A Few Key Considerations - via JMedInternetRes

Digital Technology for Mental Health: asking the right questions - via Mental_Elf

New Care Models Programme tech lead @helen_arthur at Integrated Care Summit promoting growing evidence around technology-enabled care and new benefits realisation tool - via NHSproviders

Presentation slides, videos and pictures now available from our recent @TSAVoice International Technology Enabled Care Conference - via TSA

mHealth Diabetes Study Proves That the Right Message Matters - via mHealthIntel

Study: Apple Watch, Cognition Kit offer accurate cognitive, mood assessment - via MobiHealthNews

Five lessons learned from ResApp trial - via MobiHealthNews

From the U.S.: HeyDoctor's telemedicine app lets physicians prescribe via text - via medcitynews

UC Davis will use five-year, $2m AHRQ grant to treat children in remote and rural counties with severe disabilities through a school-based telemedicine platform - via mHealthIntel

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Large mHealth study in China finds that simple SMS messages work better than personalized messages on short-term care management for people with diabetes - via mHealthIntel

Consultant Connect hopes to ease winter pressures on A&E departments - via digitalhealth2

Optum Launches $250M Venture Fund to Invest in Digital Health Firms - via HCInformatics

EKG-Reading Kardia Band Is First Apple Watch Accessory To Get FDA Clearance - via FastCompany

3 key steps to develop a successful telemedicine program - via BeckersHR

The Spotlight's on Apple Watch as an mHealth Tool for Cardiac Care - via mHealthIntel

Roche offers diabetes digital health programme to UK patients - via PMLiVEcom

Wearable-ready sensor combines ECG, optical heart rate monitoring within single module - via MobiHealthNews

Apple, Stanford launch Apple Heart Study to improve atrial fibrillation detection - via MobiHealthNews

Analysis shows wearable data could help identify mental health conditions in diabetic populations - via MobiHealthNews

From the U.S.: Rural hospitals are facing down connectivity obstacles as they deploy telemedicine - via HealthITNews

Ieso Digital Health Named as One of the UK's Top 10 Disruptors in 'Sunday Times Virgin Media Business Disruptors to Watch 10 - via PRNewswire

Digital Health and Care Congress 2018 - projects need to be submitted by 15 December - via TheKingsFund

Could an mHealth app used in a University of South Florida study help reduce chance of developing dementia? - via mHealthIntel

What factors drive adoption of health apps and what obstacles stand in the way? - via medcitynews

From the U.S.: Twitter-like App for Healthcare Professionals: Interview - via digitaljournal

The Spotlight's on Apple Watch as an mHealth Tool for Cardiac Care - via mHealthIntel

Digital health briefing: Google's latest digital health moves — GE partners with Nvidia — Digital health platform in China could see $1 billion IPO - via BIUK

Apple COO Jeff Williams on Apple Watch heart study: 'Hopefully we can save a lot of lives - via CNBC

U.S. Cities Can Use Telehealth Efforts to Bolster Broadband - via effgov

Medtronic Is Bringing Telehealth to Veterans - via HCA_News

Online consultations might not be 'a silver bullet' for GPs - via digitalhealth2

NHS Trusts' collaboration brings digital health to North East England - via MobiHealthNews

FCC eyes expanded broadband funding for telehealth, telemedicine - via AmericanTelemed

Advancing new digital health policies to encourage innovation, bring efficiency and modernization to regulation - via pharmacists

Enhancing Dementia Care Through Digital Health - via AJMC_Journal

Mobile Health Apps Becoming More Popular Among Patients and Clinicians - via ONAcom

NES report- how to support digital health and care - via SCTT_NHS24

Health System Executives Are Optimistic About Telehealth, mHealth - via mHealthIntel

Statement from FDA on advancing new digital health policies to encourage innovation, bring efficiency and modernization to regulation - via US_FDA

FDA releases 3 policies on digital health oversight - via BeckersHR

NHS trusts partner for digital healthcare initiative targeting 3m people in North East England - via digitalhealth2

Telemedicine success hinges on connections - Hospitals need to integrate hardware and software to improve remote care delivery experiences for patients - via HealthITNews

mHealth Programs For Adolescents Need to Focus on Patient Engagement - via mHealthIntel

Predictions for the year ahead: UK digital health leaders on 2018 - via digitalhealth2

Health Systems Target Telehealth to Fill a Mental Healthcare Gap - via mHealthIntel

Mayo's telehealth services may be expanding amid consolidation - via BeckersHR

Humana Unveils mHealth App for Medication Management, Adherence - via mHealthIntel

Researchers Ready to Test mHealth Diagnostic Device for Head Injuries - via mHealthIntel

From the U.S.: Study: 8 in 10 consumers unaware of telehealth care - via healthcaredive

Telehealth tactics: A look at Penn Medicine's three-tiered approach - via HealthITNews

A fast-growing international program, Project ECHO uses telemedicine to help rural and remote providers learn from specialists to manage care for their complex patients - via mHealthIntel

From Australia: WA man saves his own life during heart attack with telehealth monitoring - via WAtoday

Drones Show Potential for Delivering Telemedicine, mHealth Services - via mHealthIntel

Texas Deputies Turn to Telemedicine to Treat Mental Health Crises - via mHealthIntel

2017: The year telehealth and digital health hit their stride - via medcitynews

Lilly boosts its forthcoming diabetes digital health offering - via PMLiVEcom

From Australia: Wearable devices to remotely manage patient chronic conditions - via Griffith_Uni

New digital programme for schools combining health apps with the national curriculum has launched at Blackburn school - Digital Healthy Schools scheme' - via lancstelegraph

82% of consumers do not use telehealth, US survey says - via medcitynews

Standard Care vs Telemedicine for Diabetic Foot Ulcer Follow-up Care - via EndoAdvisor

With ECG Sensor, Apple May Be Adding mHealth Muscle to Its Watch - via mHealthIntel

Philips snaps up VitalHealth in eHealth business boost - via digitalhealth2

Parkinson's UK teams up with Our Mobile Health to create apps library - via digitalhealth2

Slashing queues, helping new mothers: NHS explores apps for care in a digital age - via guardian

Hospitals Turn to Telemedicine to Tackle ER Triage, Overcrowding - via mHealthIntel

Discussions over CQC role in regulating #digitalhealth services in England - via digitalhealth2

From the U.S.: What the end of net neutrality could mean for telehealth - via validic

Walgreens partners with NewYork-Presbyterian to offer in-store telemedicine - via MobiHealthNews

Growing senior care market offers opportunity for digital health - via MobiHealthNews

Community approach to social work delivers more personalised care - via guardian

Analysis shows wearable data could help identify mental health conditions in diabetic populations - via MobiHealthNews

How digital health fits into CVS, Aetna's past actions - and future plans - via MobiHealthNews

UK children's hospital launches augmented reality app for young patients - via MobiHealthNews

Teladoc growth mirrors rising telehealth acceptance - via healthcaredive

Depression and mental health apps: How to tell the good from the bad - via abcnews

Many digital health solutions lack evidence: How physicians can help - via kevinmd

5 Digital Health Innovation Trends That Will Matter in 2018 - via hitconsultant

MSD and Wayra to fund UK digital health start-ups - via pharmaphorum

There's an app for that: Clinicians are using apps to improve care, engage patients - via modrnhealthcr

Health IT association posts telemedicine toolkit to prepare hospitals for wider adoption of tech - via MobiHealthNews

Caspar Health makes rehabilitative care more accessible by putting treatment plans in an app - via TechCrunch

Why wait for an appointment when you can see a GP via phone? - by Dr Mobasher Butt - via guardian

FDA clears AliveCor's Kardiaband as the first medical device accessory for the Apple - via TechCrunch

FCC Chair Claims Net Neutrality Hinders Telemedicine - via MediaPost

AliveCor launches ECG-sensing Apple Watch strap, SmartRhythm app - via MobiHealthNews

One Drop | Mobile on iPhone and Apple Watch: An Evaluation of HbA1c Improvement Associated With Tracking Self-Care - via JMedInternetRes

Alexa developers can now use notifications, soon personalize apps based on users' voices - via TechCrunch

Apple launched a study to look for irregular heart rhythms on the Apple Watch - via TechCrunch

VA Project Uses Telemedicine Tablets to Treat Veterans at Home - via mHealthIntel

FDA clears AliveCor's Kardiaband as the first medical device accessory for the Apple Watch - via TechCrunch

RespiraSense receives NHS Innovation Accelerator backing - The wearable breathing monitor is part of new technologies helping treat patients - via wareable

U.S. Food and Drug Administration is explaining in more detail how digital health software will be regulated - by @chrissyfarr - via [CNBC](#)

Intermountain Sees mHealth Success With Cardiac Care App for Doctors - via [mHealthIntel](#)

Kaiser Study Gives Telemedicine High Marks in Stroke Treatment - via [mHealthIntel](#)

Digital Evolution: From telemedicine to virtual care - via [medcitynews](#)

The Department of Veterans Affairs' Telehealth Program Is Leading the Way in Telemedicine - via [VCDailyNews](#)

Apple Watch noninvasive glucose monitoring said to be years off - via [9to5mac](#)

Learn more about the @TSAVoice Quality Standards Framework (QSF) at bit.ly/2ymqoJ - via [TSAvoice](#)

ZoomDoc launches crowd-funding campaign to help expand - via [digitalhealth2](#)

Are you using or considering the use of digital technology enabled care in the UK? Have you read our new White Paper? - via [TSA](#)

@DLFUK have been developing 'Living Made Easy' – what do you think about a comparison site for technology enabled care - via [TSA](#)

Wearable numbers get a bump, as consumers shift focus to smarter devices - via [TechCrunch](#)

Virtual therapy and stress-busting apps: can tech support mental health at work? - via [guardian](#)

Presentation slides, videos and pictures are available from our recent @TSAVoice International Technology Enabled Care Conferenc - via [TSA](#)

1.2 Smart Home Technologies & Internet of Things

Amazon sold 'millions' of Alexa devices over the holiday shopping weekend - via [TechCrunch](#)

Kia and Hyundai cars will include AI assistants starting in 2019 - via [TechCrunch](#)

In total, Amazon said it sold "tens of millions" of Alexa-enabled devices worldwide - via [TechCrunch](#)

Apple issues fix for HomeKit vulnerability impacting smart locks and other devices - via [TechCrunch](#)

Why should the poor be left in the internet slow lane? - If net neutrality controls are weakened, ISPs will decide what we can read – and what we can't' - by @soniasodha - via [guardian](#)

Amazon Echo Show review: smart speaker with a screen has great potential - via [guardian](#)

The FCC announced its plans to do away with net neutrality rules. What effect will that have on IoT? - via NetworkWorld

The US government is going to end net neutrality, a fundamental principle of how the internet works - via Independent

Super Smart Home Is Designed To Help Aging In Place - via HHCareNews

High-speed broadband to be legal right for UK homes and businesses - via guardian

The future of connectivity: Enabling the Internet of Things - via McKinsey
Enhanced health in care homes: learning from experiences so far - via TheKingsFund

The rise and fall of the smart city concept - via psenews

V by Vodafone launches with four security and tracking-focused smart devices that use data rather than wi-fi - via WhichUK

First Hi-tech assistive technology show home for Hull City Council - via BQLive

The Genesis of Kuri, the Friendly Home Robot - via WIRED

Small robot, named Palro, acts as instructor during exercise sessions in Tokyo nursing home - via The_Japan_News

Amazon is previewing an IOT security service - via TechCrunch

Robots Could Help with Home Care, Thanks to Researchers - via HomeCareDaily

1.3 Health Tech

New framework to offer NHS access to 'cutting-edge technology - via nhenews

New programme in West Midlands aiming to help practices plan their use of digital technology and ensure they get the most from it. Professor Ruth Chambers & Marc Schmid explain how it works - via GPonlinenews

Scotland connects ambulances to satellites for better pre-hospital care - via digitalhealth2

Is Apple poised to enter EHR market? New patents have the industry buzzing - via MobiHealthNews

Great North Care Record Network launches to encourage further information sharing - via digitalhealth2

Cybersecurity forecast 2018: threats and trends for the year ahead - via digitalhealth2

A digital platform which links up dieticians, physiotherapists and psychologists from the private sector is looking to simplify health practitioner access - via digitalhealth2

NHS England getting set to launch Local Integrated Care Record Exemplars - via [digitalhealth2](#)

Medical devices a 'bulls-eye' for cyber-attacks, says cybersecurity executive - via [digitalhealth2](#)

Google DeepMind's Streams technology at Royal Free Hospital - via [digitalhealth2](#)

Ginger.io transforms from mental health management tech for hospitals to healthcare provider - via [medcitynews](#)

Snips lets you build your own voice assistant to embed into your devices - via [TechCrunch](#)

AWS launches translation services - via [TechCrunch](#)

Amazon is putting Alexa in the office - via [TechCrunch](#)

Atomico just released its third 'state of European tech' report - via [TechCrunch](#)

Using drones to build the ambulance fleet of the future - via [TechCrunch](#)

Top of mind for health system leaders? Investing in cybersecurity tech and staff - via [HealthITNews](#)

From the U.S.: The FCC officially votes to kill net neutrality - via [TechCrunch](#)

Launch of the Future of Work Commission report into how the UK deals with The New Technological Revolution - via [tom_watson](#)

These Technologies Will Shape The Future, According To One Of Silicon Valley's Top VC Firms - via [FastCompany](#)

1.4 Robotics, AI and VR

'The Woebot will see you now' — the rise of chatbot therapy - via [washingtonpost](#)

Virtual reality brings son's wedding to care home resident - via [carehomepro](#)

RITA is a digital robot – an avatar that appears on a phone or tablet screen and can interact with older people to cater for their needs - via [hippocraticpost](#)

Digital healthcare accelerator offers £68k to machine learning, AI start-ups - via [digitalhealth2](#)

Apple acquired augmented reality headset startup Vrvana for $30M - via [TechCrunch](#)

A look at artificial intelligence and voice technology in the health sector - via [digitalhealth2](#)

Japanese robot could be a constant companion for vulnerable adults - via [irishexaminer](#)

Seniors/Aging: The robots are coming - via [RedDeerAdvocate](#)

Virtual reality used during cystic fibrosis treatment - via [BBCNews](#)

PonderMed #1: @keithgrimes - 5 ways of using VR in healthcare - via @PonderingEM

Revealed: how robots have saved lives of 500 men in London battling deadly prostate cancer - via standardnews

As robots slash the time it takes to complete an order at companies like Amazon and Ocado, what does that mean for their human colleagues? - via guardian

UK to get national advisory body for data and AI - Autumn Budget includes plan for creation of Centre for Data Ethics and Innovation - via UKAuthority

Could a prototype care robot help support older and disabled people and those with conditions such as dementia? - via Independent

Biodegradable nanorobots could allow doctors to diagnose disease and deliver drugs - via Independent

Budget 2017: Funding for AI, 5G and digital skills - via BBCNews

Blog: Regulator against the machine by @HarryAEvans - via BJHC_news

Should robots be allowed to look after our children? - via LondonEconomic

Oklahoma researchers look to robots to care for aging boomers - via NewsOK

Adults being diagnosed with the wrong diabetes, study finds - via BBCNews

Toyota showcases humanoid robot that mirrors user - via physorg_com

Is a "medical virtualist" specialty on the horizon? - via medcitynews

Robot makers boosting Chinese output to fuel automation shift - via NAR

We built a robot care assistant for people with dementia – here's how it works - Trinity College, Dublin - via physorg_com

In the Midst of a Coming Elder Care Shortage, the Case for Robot Caregivers - via Slate

MiCare launches aged care robot to benefit workers - via AustAgeAgenda

'RUDY' Robot acts as virtual caregiver - via wusa9

Toyota showcases humanoid robot that mirrors user - via physorg_com

Robot automation will 'take 800 million jobs by 2030' - report - via BBCNews

We asked top clinicians what they really think about the future of AI in healthcare. Here's what they said - via GEHealthcare

Industrial Strategy will identify four grand challenges - artificial intelligence; clean growth; an ageing society; and future mobility from driverless cars to drones - via [guardian](#)

The top three artificial intelligence challenges facing hospitals - via [HealthITNews](#)

Hospitals Could Soon Be Using Robots To Improve Patient Care - via [PSFK](#)

Why Humanoid Robots Are Still So Hard to Make Useful - via [singularityhub](#)

Personalized robot helpers act as motivator for patients - via [mcknightsltcn](#)

Long A&E waits: 3m a year wait over four hours - via [BBCNews](#)

World's first mental health chatbot now has more than 2 million conversations a week through Facebook Messenger - via [MailOnline](#)

'Betty' the robot helps Orlando Health Cancer Center patients - via [WFTV](#)

Swedish researchers to evaluate hygiene robot in the field of elderly care - via [NewsMedical](#)

Researchers turn to machine learning to innovate care for aging populations - via [CDW_Healthcare](#)

Scientists create an AI robot cat that helps keep the elderly company and reminds them to take their medication - via [MailOnline](#)

How Artificial Intelligence Will Change Healthcare - via [DigitalSalutem](#)

Accenture's latest AI platform to help seniors with loneliness wraps up pilot program - via [MobiHealthNews](#)

1.5 Policy, guidance, announcements, miscellaneous

The Chief Nursing Officer for England previews a new winter framework aimed at ensuring patients do not spend any time longer than they need to in hospital - via [NHSEngland](#)

Have there been two decades of failure to reform social care? - via [BBCNews](#)

UK imports majority of radioactive materials used in NHS medical imaging and cancer treatment from EU countries, Brexit could upset this crucial supply chain - via [Independent](#)

Cost of NHS negligence claims soars as staff fear speaking out on safety - by @RichardVize - via [guardian](#)

Jeremy Hunt orders NHS England bosses to stick to waiting time limits - via [guardian](#)

Not enough funding to hit NHS waiting time targets - via [BBCNews](#)

Research on older patients living with frailty in hospital - via [NIHR_DC](#)

Thousands of NHS patients enduring long ambulance waits - via guardian

Patients face going blind while waiting for cataract surgery after new figures showed waiting times for operations have risen - via Telegraph

NHS faces acute and growing staffing shortage - Health Education England says service must recruit 190,000 more staff by 2027, but instead low pay and work pressure are driving skills drain - via guardian

Loneliness In Britain Has Escalated From Personal Misfortune Into A Social Epidemic - via HuffPostUK

NHS managers in England back Kerslake's underfunding claim - via guardian

FDA issues three guidances, including long-awaited CDS guidelines - via MobiHealthNews

Google Assistant can now help you find a plumber and other local services - via TechCrunch

What to expect at CES 2018 - via TechCrunch

MIT and Harvard create cheap artificial muscles with super strength - via TechCrunch

Google Maps will soon tell you when it's time to get off your train or bus - via TechCrunch

Small changes to homes can improve quality of life and relieve pressure on NHS and social care - via Ageing_Better

Health chiefs in the North East have told nurses and GPs they may have to act as "first responders" for patients who have fallen in their own homes or residential home - via Independent

Australian researchers partner with Huawei for smart healthcare - via IoB_News

Care homes: Public 'pay unfair fees to plug £1bn shortfall - via BBCNews

Care home company gains breathing space - via BBCNews

UK Catapults fall short, claims review of technology innovation centres - via PhysicsWorld

£72,500 social care cap to be scrapped, MPs told - via BBCNews

Government announces Life Sciences Sector Deal - via digitalhealth2

Bolton introduces 'virtual' eye clinics to slash appointment times - via digitalhealth2

Amazon's Alexa app hits the top of the App Store for the first time - via TechCrunch

New tech for treating cardiovascular disease 'faces lack of research - via digitalhealth2

NHS bosses sound alarm over hospitals already running at 99% capacity - via guardian

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Alarm over sharp rise in ambulance patient deaths in England - via guardian

Autumn Budget 2017: a step back from the precipice for the NHS? - via HealthFdn

How an extraordinary hospital without beds is connected to Central Pennsylvania - via LancasterOnline

Reliance on repeat prescriptions costs NHS £8bn a year - via TheSun

The UK's problem with long-term care: short-term thinking - via LSEpoliticsblog

New partnership could help more patients benefit from health coaching - via GPonlinenews

Paramedics set to be given new powers to prescribe medication to prevent needless hospital visits - via Telegraph

Budget backlash over NHS and social care cash - via guardian

Blood pressure self-monitoring works best when people are well-supported - systematic review - via NIHR_DC

Rebecca Rosen: GP at Hand and disruptive innovation in general practice provision - via bmj_latest

GPs should encourage elderly to become physically active, says study - via pulsetoday

Councils forced to use emergency cash to pay for social care as funding shortfall grows - via Independent

Sources say health service would have got more in budget if NHS England chief executive had not made public demand for extra £4bn - via guardian

Increasing The Speed Of Innovation In Healthcare - via Forbes

Avatar therapy 'reduces power of schizophrenia voices - via BBCNews

ICO backs development of medical data sharing tool - via UKAuthority

The Guardian view on NHS spending: what's enough? - Editorial - via guardian

E-consultations with GPs end up with four in ten going to see the doctor - via Telegraph

Online consultations may not reduce workload, study finds - via GPonlinenews

Variations in mortality across the week following emergency admission to hospital: linked retrospective observational analyses of hospital episode data in England, 2004/5 to 2013/14 - via OfficialNIHR

Convenient access to your GP – what's not to like? - via VictoriaBetton

Stanford algorithm can diagnose pneumonia better than radiologists - via Stanford

World-best innovations supporting Primary Care and Urgent and Emergency Care join NHS innovation Accelerator - via NHSAccelerator

Budget's £1.6bn cash boost for NHS less than half of experts' advice - via guardian

NHS Budget plan not enough, say bosses - via BBCNews

Driverless cars on UK roads by 2021 - really? - via BBCNews

The Next User You Design For Won't Be A Human - Welcome to the age of Centaur Design - via FastCoDesign

Uber concealed huge data breach - via BBCNews

From the U.S.: Amazon has suddenly become a big marketplace for selling genetic tests by @chrissyfarr - via CNBC

If your household finances were like the NHS - via NuffieldTrust

Primary healthcare, disruptive innovation, and the digital gold rush - via bmj_latest

NHS figures show drop of 1,193 family doctors in past year, despite pledge to increase numbers by 5,000 by 2020 - via guardian

US telecoms regulator unveils sweeping plans to dismantle net neutrality - via guardian

GP numbers crash as equivalent of 1,000 full-time NHS doctors quit last year - via Independent

Barnsley Hospital NHS Foundation Trust has reduced by 40% the number of outpatient letters it sends, from 200,000 to 120,000 using a new Patient Portal - via FabNHSStuff

16.5M Europeans will use connected care solutions in 2022 - via InformationAge

Ten lessons for redesigning care pathways - via HealthFdn

How a simple plan to give dignity to dementia patients changed society - by Nicci Gerrard - via guardian

NHS Digital to push £20 million into cyber operations - via UKAuthority

These Are The Digital Pills Coming To A Pharmacy Near You - via FastCompany

MDLive launches Sophie, a chatbot for registration and, eventually, more - via MobiHealthNews

In-Depth: The rise of the digital clinical trial - via MobiHealthNews

Nutritional counseling in the digital age: Improving access, saving time - via HealioGastro

Ultrathin and Flexible Microfiber Sensor for Healthcare Monitoring and Diagnosis - via [Medgadget](#)

CVS to Buy Aetna for $69 Billion in a Deal That May Reshape the Health Industry - via [nytimes](#)

USC Viterbi biomedical engineers develop a system that tracks vital signs of patients from admission to discharge - via [USC](#)

The firms on a mission to drag the slumbering NHS into a digital age - via [Telegraph](#)

Biostrap releases remote monitoring to track the health of loved ones' vi - via [GlobeNewswire](#)

Secure and safe messaging in the UK health market - via [lloydgprice](#)

NHS Scotland staff slow to take up digital - via [UKAuthority](#)

Innovate UK Launches new £50M Innovation Loans Pilot - via [UKBAngels](#)

Safety fears as junior doctors left to run A&Es and other hospital units - via [guardian](#)

New ways of enhancing online support to deal with self-harming behaviour being explored by University of Strathclyde in collaboration with Scottish MH charity Health in Mind - via [EurekAlert](#)

Ministers questioned on supply and diversity of housing for older people - via [UKParliament](#)

With Aetna Deal, CVS Looks To Turn Stores Into Health Care Hubs - via [NPR](#)

NHS England accused of hiding hospitals' winter crisis alert figures - via [guardian](#)

New health trackers warn of heart-attack risk, discreetly - via [USATODAY](#)

The Hidden Player Spurring a Wave of Cheap Consumer Devices - via [nytimes](#)

UnitedHealth Buys Large Doctors Group as Lines Blur in US Health Care - via [nytimes](#)

Labour demands Commons vote on 'secret' plan for NHS - via [guardian](#)

NHS chiefs warn of 'severe pressure' going into winter months - via [itvnews](#)

Ready and resilient? - How NHS trusts have prepared for winter - via [NHSProviders](#)

With Aetna Deal, CVS Looks To Turn Stores Into Health Care Hubs - via [NPR](#)

3 Takeaways From The CVS-Aetna Merger - via [Forbes](#)

Patients Want Web Access To Test Results But Don't Want To Have To Be A Doctor To Understand Them - via [Forbes](#)

Private firms scooped 267 – almost 70% – of the 386 clinical contracts that were put out to tender in England during 2016-17, according to a new report - via guardian

Superfast broadband rollout to benefit rural areas in Scotland - via scotgov

Jobs accounting for a third of annual pay in the UK risk being automated, according to the study by the IPPR thinktank - via guardian

Three trends to make healthcare more personalized - via medcitynews

Digital pathology lags radiology in maturity, but offers potential payoff - via HDMmagazine

Digital Psychiatry in 2017: Year in Review - via PsychTimes

NHS doctors to pilot food prescriptions as poverty soars - via Independent

Children from poor families are far more likely to end up in hospital A&E departments or need emergency treatment for conditions such as asthma and diabetes - via guardian

NHS cancels surgery for tens of thousands to avoid winter crisis - Hospital chiefs are told by NHS England to take drastic action, including setting up makeshift wards - via guardian

England's new workforce strategy ignores the elephant in the room - via NuffieldTrust

High speed broadband to become a legal right - Universal Service Obligation will deliver high speed broadband across the UK - via CommunitiesUK

Nursing leaders warn of pressures on the health service amid increased demand, tightening budgets and poor working conditions - via Independent

Human stories will convince the public that social care is worth investing in - Alex Fox - via guardian

NHS hospitals unable to fill thousands of vacant posts - understaffing so acute almost one in four posts at some trusts in England are vacant - via guardian

The NHS desperately needs a new vision for the 21st century - Ara Darzi - via guardian

One in five NHS hospital trusts ran out of beds in the first weeks of winter - via Independent

Social care postcode gap widens for older people - Council funding cuts have reduced help for the old in deprived areas, study shows - via guardian

The number of over-65s acting as a carer for a relative has topped two million for the first time, Age UK has warned - via Telegraph

Major NHS trust turns away A&E patients 13 times in a week - via guardian

What is net neutrality and how could it affect you? - video - via BBCNews

NHS becomes first healthcare system in the world to publish numbers of avoidable deaths - via DHgovuk

Scottish Government Draft 2018/19 budget unveiled - impact on health and social care - via ALLIANCEScot

Falling short: Why the NHS is still struggling to make the most of new innovation - via NuffieldTrust

NHS Digital has begun consultation on what social care information, notably for people aged over 65, should be included on the future NHS.UK website - via UKAuthority

Cold weather and loneliness 'lethal in winter - via BBCNews

NHS in England told to reveal avoidable deaths data - via BBCNews

Pulmonary rehabilitation (PR) courses can reduce hospital readmissions, shorten time spent in hospital and lower mortality rates in COPD patients - RCP report - via pulsetoday

Health Education England launches plan to 'future-proof' NHS and care workforce - via NHS_HealthEdEng

Brexit: the implications for health and social care - via TheKingsFund

Staff views on digital self-management of severe mental illness - via Mental_Elf

Falling short: Why the NHS is still struggling to make the most of new innovations - via NuffieldTrust

Some assembly required: implementing new models of care - via HealthFdn

Health Matters: Productive healthy ageing and musculoskeletal health - via PHE_uk

The state of social care shames us all - David Brindle - via guardian

Mayo Clinic Researchers Find Emojis Could Help Monitor Cancer Patient Outcomes - via HCA_News

When Your Activity Tracker Becomes a Personal Medical Device - via WIRED

Estonia - the digital republic - via NewYorker

The Guardian view on NHS funding: hospitals are hurting - Editorial - via guardian

Google partners with VA, National Alliance on Mental Illness to offer PTSD screening - via MobiHealthNews

Our Future Pets May be Plastic and Metal Instead of Flesh and Blood - via futurism

Digital behavior change platform wins VA contract for treating PTSD - via [MobiHealthNews](#)

Humana launches medication management tool RXMentor - via [MobiHealthNews](#)

Lilly begins Phase 1 study of automated insulin delivery system - via [MobiHealthNews](#)

FDA reflects on clearing its first closed-loop insulin delivery system - via [MobiHealthNews](#)

Babylon CQC report published after injunction lifted - via [HSJnews (£ subs)](#)

The first person to live to 1,000 has already been born, according to this age expert - via [wef](#)

Medication adherence: evidence review - via [CochraneUK](#)

Droplet mug ensures patients stay hydrated at Musgrove Park Hospital, Taunton - via [CountyGazette](#)

Reframing ageing - by Greg Fell - via [NHSEngland](#)

Council funding to be further cut in half over next two years - LGA warns - via [LGAcomms](#)

CVS's $68 Billion Bid to Bring One-Stop Shopping to Health Care - via [business](#)

I'm quitting as a hospital boss: dire NHS funding problems give me no choice - Bob Kerslake - via [guardian](#)

Call for more hospital beds to cope with winter breathing difficulties - via [guardian](#)

NHS trust boss resigns in protest over underfunding of health services - via [guardian](#)

Dementia: number of people affected to triple in next 30 years - via [WHO](#)

EU health ministers agree on accelerating development of e-health services - via [thebaltictimes](#)

2 Learning and Events

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

European KnowledgeTree Group (EKTG) eHealth Symposium, 23/24 January 2018
https://docs.wixstatic.com/ugd/13b480_71c351c0501047949168530627d169df.pdf

Digital Health and Care Scotland 2018 – 20/21 February 2018 - Edinburgh
http://digitalhealth.holyrood.com/about

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

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

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