1   Welcome

Welcome to the April 2016 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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What's in a name? – the Health and Social Care Information Centre is being rebranded as 'NHS Digital'. The National Information Board now has 33 work programmes to implement digital health and care. Wi-fi in hospitals and GP surgeries is to go ahead over the next 2-3 years. There is up to £2.4bn of additional funding for GP practices in the recently published 'Forward View' document – some of the money will support tech and IT. Raising awareness for technology enabled care in the UK remains a challenge – TSA were recently successful with a supplement in the Guardian newspaper to share some important messages. Manchester has kicked off its £6bn health and care devolution experiment. Local health and care organisations in England are preparing 85 digital roadmaps following publication of digital maturity scores – local authorities are strongly encouraged to complete self-assessments too. Scotland are updating their TEC strategy – look out for announcements during the Summer. There are plenty of new virtual reality devices coming onto the market and a London hospital recently broadcast an operation in VR – a global first. Look out for more chatbots popping up – will these new bots and integrated platforms replace apps? We've got over 800 links in our April news roundup – we hope you will find much of interest.

Upcoming events include TSA Summit in May, Financial Times Digital Health in June, the King's Fund Digital Health and Care Congress in July (new video available) as well as events from RSM over the coming weeks.

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Telecare LIN

Contents

1 Main News Items

1.1 eHealth Week updates

The Department of Health recently **announced** that 'NHS Digital' is the new name for the Health and Social Care Information Centre (**HSCIC**) from July 2016. HSCIC is the national provider of information, data and IT systems for commissioners, analysts and clinicians in health and social care.

In announcing the change, Minister, George Freeman said "Healthcare in the 21st century is going digital with improved treatment and care, and with huge benefits for patient safety. The newly named NHS Digital will provide important information and IT services to ensure better care for patients".

The **National Information Board (NIB)** met during eHealth week and started to set out its work programme for the current year including plans to make free wi-fi available in hospitals and GP practices.

The idea of free w-fi started with Tim Kelsey and was recently also championed by Baroness Martha Lane-Fox along with her recommendation to support the furthest first.

Would free wi-fi enable people to be discharged earlier from hospital? That was the challenge from an audience member in questioning the evidence base. Given that mobile will be well on the way to 5G, the person also questioned the technology. The aim now is to have free wi-fi available in all hospital buildings by March 2018 and all GP practices by March 2019.

Beverley Bryant (NHS England) and Andy Williams (HSCIC) announced that the NIB work will be grouped into 33 programmes and 10 domains.

A review, commissioned by Jeremy Hunt in September 2015 and completed by Dame Fiona Caldicott to look at data security, consent and opt-out from health record sharing has been **delayed** until after the EU Referendum in June 2016. This leaves a number of initiatives (eg care.data, data-sharing) on hold until a formal consultation has taken place.

1.2 GP Forward View – new funding for primary care

NHS England has recently **published** '*General Practice Forward View'* which aims to increase spending in the sector from £9.6bn a year in 2015-2016 to over £12bn in 2020/21 – a fourteen percent real terms increase.

As well as supporting day to day activities and improved premises, extra funding will be used to support new care models including GP federations and the use of non-GP staff in primary care eg pharmacists, mental health therapists, nurses and physician assistants.

An 18% uplift in clinical commissioning group allocations for provision of GP IT services and technology for general practice is proposed. The new report stresses that services should include remote access to digital patient records and electronic messaging to patients (eg via text).

Specialist support and some funding will be provided to practices, including services for information governance, interoperability, cyber security, data quality, shared care planning, decision support, electronic links to specialists and appointment management. There will also be a £45m national programme to increase the uptake of online consultations. A new £30 million 'Releasing Time for Patients' programme is expected to include giving patients online access to accredited clinical triage systems and an accredited apps library.

1.3 Royal Society of Medicine - Future of medicine; the role of doctors in 2025

On May 19th the **RSM**, jointly with the **IET**, is holding the **Future of medicine; the role of doctors in 2025**, in its second year. It will be opened by George Freeman, Minister for Life Sciences, as the first of a really outstanding line-up of international speakers including Dr Ruchi Dass, the renowned public health expert from India, Sir John Savill, Chief Executive at the Medical Research Council, Prof Tim Evans, author of the 'Future Hospital' report, Prof David Thwaites, Director of the Institute of Medical Physics University of Sydney, Dr Jack Kreindler, Australia, and many more.

The objective of this conference is to explore just how far the delivery of health and care has been improved by the availability of new technology, and what the latest predictions are by those working in the field of how medicine will really be practised in nine years' time. It is aimed primarily at people in the health and care world whose decisions today will hasten – or hinder – the arrival of improved technology-enabled care. Booking is available **here**.

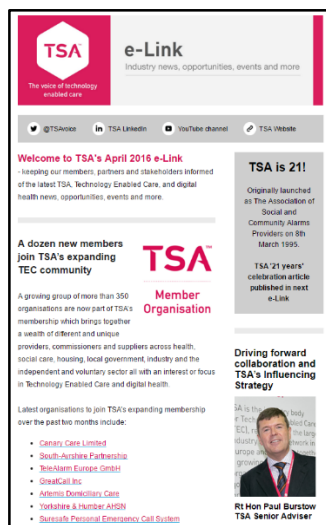*(Contributed by Charles Lowe and RSM)*

1.4 News from TSA

TSA's latest e-Link is available (**April 2016**) and features a number of interesting developments.

There is a new **blog** from TSA's Senior Advisor, Paul Burstow (**@paulburstow**). Chief Executive Alyson Scurfield (**@alysonscurfield**) has a lead article on 'Shaping the future of Technology Enabled Care'. TSA has recently commenced discussions with the United Kingdom

Homecare Association (**UKHCA**) to look at how care can be provided in the home supplemented where appropriate with technology that can make a difference.

UKHCA represents home care organisations across public and private funding models who have a wealth of experience in supporting a wide range of service users, their carers and families.

TSA Membership is now over 350 and preparations are underway for the organisation's **Annual Summit** in May and the **International Conference** in October. More partnerships and collaborations will be announced in the coming weeks.

In January 2016, TSA launched a new engagement programme with member organisations called **TSA Connects**, an idea created in response to members' desire for smaller, more operationally focused groups, smaller in size than the TSA's regional Technology Enabled Care events, and focused on concerns and challenges facing the everyday operations of the organisation.

Over the past three months, 10 events have been held across the UK bringing hundreds of TSA members together to voice needs, enable sharing of learning, build collaboration and look for solutions and good practice to support ongoing business development, realising benefits, raise profiles and awareness, and give a collective voice to tackle national issues and concerns.

As part of a programme of raising awareness of Technology Enabled Care, TSA was recently named lead association in a national Digital Health & Care campaign printed in The Guardian newspaper and online at **www.healthawareness.co.uk** by Mediaplanet UK.

Alyson Scurfield, Chief Executive of TSA was featured on the front cover of the supplement and contributed with the opening foreword '**The Connected World**' outlining the importance of Technology Enabled Care and working together to make TSA's 2016 theme **'connected care, connected homes and connected communities'** a reality.

Rt Hon Paul Burstow, TSA Senior Adviser and Professor of Health and Social Care also contributed to the supplement with a thought leader article titled '**Connected lives key to a sustainable care system**' highlighting an aging population and approaches to adopting technology across large populations.

(Contributed by Jeni Quirke at TSA – follow **@TSAVoice** on Twitter for daily updates)

1.5 Health and Care Integration: Local Digital Roadmap & Social Care Digital Maturity Self-Assessment

The National Information Board as part of the Five Year Forward View has asked local health and care areas to develop a Local Digital Roadmap by 30th June 2016.

This is aimed at supporting the sharing of information for care and meeting the ambition to be 'paper-free at the point of care' by 2020. It includes the local join up of care information through shared care records and plans, electronic transfer of care information and use of remote / assistive technology.

CCGs are coordinating the plans although all Local Authorities with social care responsibilities are named as partners. You can find out more information on the roadmaps **here**. We anticipate that national technology funding will be linked to delivery of these plans.

To support the development of these roadmaps the LGA working with partners is launching a social care digital maturity self-assessment which will help Local Authorities in identifying areas of good practice and areas for future focus.

The free online tool has been developed by LGA working alongside ADCS Performance & Information Management Group, ADASS Informatics Network and Society of Corporate IT Managers (Socitm). It covers both children's and adult's services.

All Local Authorities are invited to participate. The tool which will open on 4th April 2016 and close on 13th May 2016. You can gain access the tool by emailing us at **socialcaredigital.maturity@local.gov.uk**

Further information on the social care digital maturity self-assessment is **available here**

(Contributed by Mark Golledge, Programme Manager – Health and Care Informatics, Local Government Association)

1.6 Digital Health and Care Congress – July 2016

Beverley Bryant, Director of Digital Technology at NHS England, will be giving a **keynote address** at The King's Fund's Digital Health and Care Congress in July. Watch her **interview** with Matthew Honeyman on local digital roadmaps, innovation in the NHS and interoperability ahead of the event. **Find out more about the Congress here.**

Beverley Bryant
Director of Digital Technology, NHS England

2 News Headlines

2.1 Telecare

Exercise classes for over 65s could help cut falls risk - via guardian

Falls Risk Assessment Toolkit (Walsall/Keele Univ) - via digitalhealth2

3.4 million users of mobile telecare systems predicted in Europe and North America by 2021 - via IoTNow

Aberdeen CC completes £1.2 million investment in advanced tech to benefit sheltered housing residents - via AberdeenCC

From U.S.: New hybrid hub blends home security & PERS for smart home security/personal safety - via BusinessWire

TSA update on Integrated Code of Practice review & plans for the quality standards framework explained - via TSAVoice

Green Access delivers UK's first IP based telecare system

2.2 Telehealth, Mobile & Digital Health, Telemedicine

FT Digital Health Summit Europe – 16 June 2016 via FinancialTimes

Five #DigitalHealth Implications of the Most Important Report You Never Heard of - via dlschermd

Parkinson's mPower App – 12,000 Registered Users – and Upgrade at Apple Product Launch - via parkinsonstory

Study: Access and Quality of Care in Direct-to-Consumer Telemedicine

HealthTap's Digital Healthcare Network is Now 100,000 Doctors Strong - via PRNewswire

Sober reality disrupts digital healthcare boom - via FinancialTimes

Proteus Digital Health - interim study results of Proteus Discover - via MobiHealthNews MobiHealthNews

Proteus Digital Health Presents Interim Results at ACC From RCT of Proteus Discover - via PharmiWeb

Are health wearables passing their physical? - via RWW

U.S. Survey: 42% of digital health consumers say knowing their numbers is top motivator - via MobiHealthNews

Apple's ResearchKit incorporates more genetics through new 23andMe module - via appleinsider

Digital Health in Remote Patient Monitoring: Enabling Greater Visibility and Patient-Centricity - via Forbes

Broken iPhone links frustrate thousands as Apple scrambles to fix problem - via guardian

The future of digital health - via CNBC

Can mHealth Sensors Detect Sepsis? - via mHealthIntel

From Australia: Major public telehealth plan targets seniors, aged care - via AustAgeAgenda

Mayo Study Finds #Mhealth Tools Help Cardiac Patients Lose More Weight - via MDDIonline

3 ways to improve physician engagement with #telemedicine - via FierceHealthIT

Activity trackers and apps what are consumers saying about them? - via MobiHealthNews

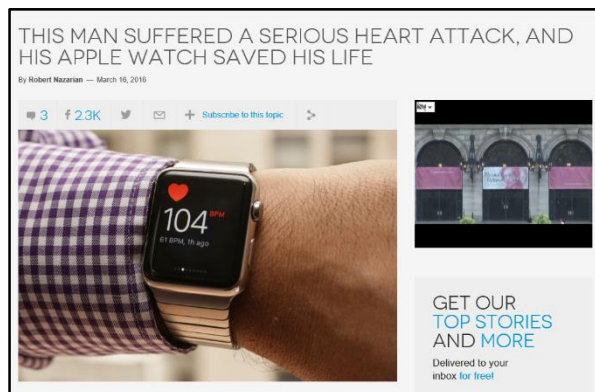Liverpool striving to become leader in digital health and care - via Misco_UK

U.S. Survey: Telemedicine Helps the Patient More Than the Provider - via mHealthIntel

Apple is now collecting some medical data from iPhones. Here's why - via mashable

HIE funding helps digital health firms set-up in Scotland - via digihealthnews

India: Phone app 'bridges mental health treatment gap - via BBCNews

This man suffered a serious heart attack, and his Apple Watch saved his life - via DigitalTrends

THIS MAN SUFFERED A SERIOUS HEART ATTACK, AND HIS APPLE WATCH SAVED HIS LIFE
By Robert Nazarian — March 16, 2016

Apple and healthcare – a marriage made in heaven or hell? - via diginomica

U.S. Government Takes Steps on Privacy in Mobile Health Apps - via BloombergBNA

Access and Quality of Care in Direct-to-Consumer Telemedicine - via Study

U.S. Healthmine survey of consumers and use of health apps - via hitconsultant

A new approach to tackling Type 2 diabetes is a step forward for prevention - via PHE_UK

EHI Awards 2016 entries open - via digitalhealth2

Apple announces CareKit. 2,500 apps now integrate with HealthKit - via MobiHealthNews

Health Matters: Midlife approaches to reduce dementia risk - via ProfKevinFenton

Study: Wearables' accuracy varies widely for caloric burn - via MobiHealthNews

Keeping the doctor away: Early thoughts on Apple Care Kit - via HealthStandards

Using telemedicine to treat chronic disease in rural communities' (U.S.) - via HealthITNews

JAMA: The Use of Telemedicine to Extend Ophthalmology Care - via Study

Apple taps 23andMe to bring genetic data into ResearchKit - via MobiHealthNews

Telehealth Gets a New Twist With eCaring and Samsung Tablets - via SamsungBizUSA

Is Telemedicine Moving Faster than the US Can Handle? - via edrugstoremd

Accuracy of Wearable Devices for Estimating Total Energy Expenditure - via JAMA

Apple's CareKit Is the Best Argument For Strong Encryption Yet - via WIRED

Apple Debuts CareKit To Help Patients Manage Health - via FortuneMagazine

Guidelines for reporting of health interventions using mobile phones - via bmj_latest

Bertelsmann Foundation report: digital health applications for public use - via GesundheitBW

Bringing Telemedicine to Integrated Health Programs - via EMSWorldNews

Traditional telehealth model is 'dead' as wearables take over - via AustAgeAgenda

Telemedicine Still Isn't Winning Hearts and Mind - via mHealthIntel

As Nokia rebounds from mobile phones, its sets its sights on digital health - via MobiHealthNews

Roche integrates diabetes app with Apple Health - via PMLiVEcom

iOS 9.3 now available with Night Shift mode to help you sleep - via guardian

I need to escape from the planet of the apps | Bella Mackie - via guardian

FBI may have found way to unlock iPhone without Apple - via guardian

An app a day to keep the doctor away - but are they any good? - via guardian

An app a day to keep the doctor away

From simple devices that count steps to monitors for diabetes, asthma, migraines and heart problems, the number of health apps is soaring. But are they any good?

There are now more than 165,000 mobile health apps. Photograph: Aleksandar Nakic/Getty Images

What Could be the Next Frontier in Wearables? - via MDDIonline

What Impact Will Wearable Devices Have on the Healthcare Industry? - via ipwatchdog

Small Mayo Clinic study finds health app could help cardiac rehab patients lose more weight - via [MobiHealthNews](#)

Apple expands on ResearchKit with user-focused CareKit - via [mashable](#)

BioStamp a big step forward in medical wearables - via [USATODAY](#)

From Australia: NBN launches Digital Diagnosis, releases telehealth report - via [ZDNet](#)

Korean startup develops handheld sonogram device for the mobile age - via [ZDNet](#)

Proteus ingestible sensor improves BP control in study - via [iMedicalApps](#)

State of Digital Health Innovation Report: 8 Key Things to Know - via [hitconsultant](#)

[Study](#): Characterization of Apps and Other e-Tools for Medication Use: Insights Into Possible Benefits and Risks

Telemedicine Chemotherapy Program in Australia - via [mHealthIntel](#)

Humana launches medication tracking app for Apple Watch - via [MobiHealthNews](#)

EMS: Drones, unmanned flying ambulances, remote telemedicine - key to activity in hazardous situations? - via [EMS](#)

Major German telemedicine project meets needs of aging society - via [ResearchGermany](#)

Q&A with the Telemedicine Industry's Top CEOs - via [medcitynews](#)

GP e-consultations get £45m fund - via [digitalhealth2](#)

An mHealth Dilemma: Can Wearables Generate Medical Grade Data?' - via [mHealthIntel](#)

Center for Connected Health Policy finds 'no two states alike' for telehealth service - via [FierceHealthIT](#)

Digital Health interview: Ali Parsa (@babylonhealth) - via [digitalhealth2](#)

HealthTap creates chat bot for Facebook's Messenger app - via [MobiHealthNews](#)

Seven things telemedicine can learn from Fitbit - via [HealthITCentral](#)

Apple Watch's second year: Will health apps make it a must-have? - via [macworld](#)

ResearchKit - The Perfect Platform for Population Health? - via [mHealthIntel](#)

Will mobile health apps make GPs redundant? - via [guardian](#)

Blog from @axelheitmueller for @DHealthLDN on the barriers to making any real impact in digital health – via [DHealthLDN](#)
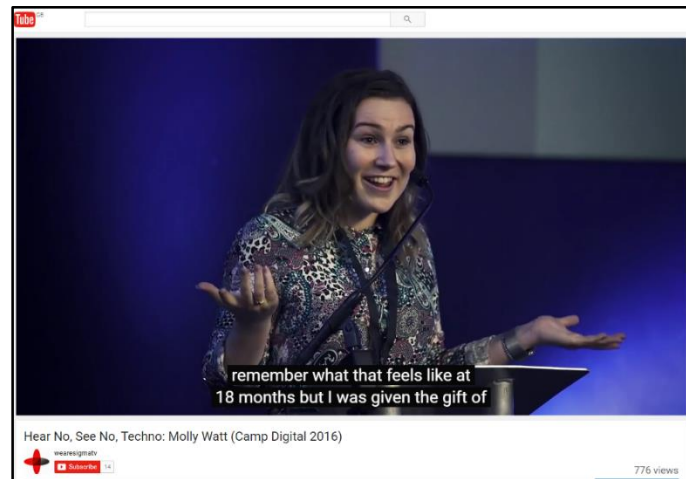
13 wearable startups to look out for - via [wareable](#)

Uganda: Pediatric app predicts mortality risk after hospital discharge - via [iMedicalApps](#)

Pfizer, IBM partner to create wearable sensors system to study Parkinson's Diesase - via [MobiHealthNews](#)

Telehealth & digital health development at Co Durham & Darlington Foundation Trust (CDDFT) - via [HealthITCentral](#)

If you think tech is all gadgets & hype - watch this informative & inspiring Camp Digital video from [MollyWatt](#)

Birmingham, Sandwell, Solihull roll out 'Your Care Connected' - via [digitalhealth2](#)

Algeria launches national telemedicine service - via [Telecompaper](#)

Book an appointment: doctors to prescribe novels in new scheme - via [guardian](#)

Health apps: Unlimited promise or 'like having a really bad doctor - via [latimes](#)

From U.S.: Mobile Health Apps Interactive Tool - via [FTC](#)

Telehealth to improve asthma control in pregnancy: A randomized controlled trial - via [Study](#)

Mobile at bedside - via [mcknightsltcn](#)

Digital health tools used more for 'lifestyle' than disease management, says report - via [HealthITNews](#)

How Does Telehealth Really Affect Hospital Readmissions? - via [eVisit](#)

MediPi open source telehealth kit piloted in NHS - via [digitalhealth2](#)

Forget Apple vs. the FBI: WhatsApp Just Switched on Encryption for a Billion People - via [WIRED](#)

Apple's ResearchKit incorporates more genetics through new 23andMe module - via [appleinsider](#)

In-depth: Pharma's digital health initiatives move into commercialization - via [MobiHealthNews](#)

Self-diagnosing, Monitoring Apps Embraced With Caution - via [Medscape](#)

Ringly's new smart bracelets work with 100+ apps - via [DigitalTrends](#)

GP consultation through a free desktop, smartphone or tablet app - via [meedoc](#)

Apple launches smaller, cheaper smartphone called iPhone SE - via [guardian](#)

Can a smartphone be your digital therapist? - via [digihealthnews](#)

Could a smartphone-sized device help diagnose diseases in 20 minutes? - via [guardian](#)

ResApp Nabs $12.5M For Smartphone App That Could Diagnose Respiratory Diseases - via [hitconsultant](#)

Medway trials smartphone-connected otoscope device - via [digitalhealth2](#)

Study: Smartphone app that listens to breathing, determines resp diseases, is 89% accurate - via [MobiHealthNews](#)

We're increasingly looking to tech to improve fitness, but should we trust it with our health too? - via [PCAdvisor](#)

How Wearable Technologies Can Enhance Subject Recruitment for Clinical Trials - via [HealthITNews](#)

Those with chronic conditions using digital health, but not to manage disease (survey) - via [ClinicalInnTech](#)

Data security threat scars digital health - via [FinancialTimes](#)

RespirTech Introduces Cystic Fibrosis Treatment Remote Monitoring System - via [lungdiseasenews](#)

Beyond the health tech hype: generating evidence in digital health - via [Rock_Health](#)

Global Telehealth/Telemedicine Market To Be Driven By Rapid Growth Of Telecom Technologies - via [Medgadget](#)

Dial-a-Doc doctors face disciplinary action as Zimbabwe's health council rejects Econet's telemedicine - via [Techzim](#)

Apple wants you to track your health with iPhone selfies - via [techreview](#)

Ford's wearables lab explores health tech applications for cars - via [medcitynews](#)

Fertility tracking apps: Can tech companies use data to change world of women's reproductive health - via [guardian](#)

Apple Wants The iPhone To Record Every Aspect Of Your Health - via [BuzzFeed](#)

From the U.S.: Legal health isn't easy for digital health companies - via [TechCrunch](#)

Hackathon designs app to help migrants navigate the NHS - via [guardian](#)

Recent Wearable Tech Show - video - via [BBCNews](#)

[Study](#): Interest in Use of Technology for Healthcare Among Veterans Receiving Treatment for Mental Health

Study: Developing mHealth Remote Monitoring Technology for Attention Deficit Hyperactivity Disorder

Kvedar weighs in on last month's telemonitoring study for congestive heart failure patients - via MobiHealthNews

Digital Aid to Manage COPD and Asthma Being Made Available to Respimat Inhaler Users - via lungdiseasenews

JAMA Study: 'Quality of Urgent Health Care During Commercial Virtual Visits

HealthTap Reaches Major Milestone In Virtual Care Expansion (100,000 networked docs) - via FortuneMagazine

TeleHealth is making a difference in the support of Intermountain's critically ill patients - via Intermountain

Dario All-In-One Glucometry System Now Available in U.S. - via Medgadget

As virtual doctor visits take off, debate over who should pay heats up - via statnews

NeuroMetrix (NURO) Says Quell Available at 500 Target Stores Starting in April - via Street_Insider

Skin patch shows promise for pain-free diabetes testing - via CBSNews

Virtual Clinics Improve Access for Diabetes Patients - via Medscape

CirrusMD raises $1M or text-first, video visits telemedicine offering - via MobiHealthNews

Should mental health app developers back up claims with clinical evidence? by @chrissyfarr - via FastCompany

From the U.S.: Telemedicine boosts patient satisfaction at urgent care chain - via HDMmagazine

Proteus Digital Health raises another $50M for ingestible sensor-enabled digital medicine - via MobiHealthNews

GP appointment waiting times crisis revealed in new research - via guardian

From the U.S.: Target to pilot connected health sections in 550 stores - via RetailDive

Livongo Health raises $44.5M for its cellular-enabled diabetes management system - via MobiHealthNews

Instagram for doctors' Figure 1 reaches a million users, adds messaging tool - via globeandmail

How does mood relates to our daily lives, health, and well-being? - ResearchKit Mood Challenge - via RWJF

JAMA Study: 'Quality of Urgent Health Care During Commercial Virtual Visits

Study: Diagnostic accuracy, adherence to best practices vary among virtual visit providers - via MobiHealthNews

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Review: Can This Wearable Device Really Zap Away Chronic Pain - via Forbes

Study Finds Adorable Robot Seals Make People Happier - via Gizmodo

Can Suggestic's machine learning app help tackle Type 2 diabetes? - via RWW

A&E with 'airport style check in' could be scrapped as patients exaggerate symptoms to skip queue - via MailOnline

Telehealth companies could benefit from attention to detail on antibiotics use, other services - via FierceHealthIT

Assessing the Value of Telemedicine Devices in Today's Healthcare - via IoTNow

Telehealth companies could benefit from attention to detail on antibiotics use, other services - via FierceHealthIT

Report: 40 percent of US caregivers with smartphones use a care-related app - via MobiHealthNews

American Optometric Association urges FDA to take action against smartphone eye exam - via MobiHealthNews

Study: A framework for smartphone-enabled, patient-generated health data analysis (pre-print)

Are Health and fitness apps letting wearable tech down? - via wareable

Liverpool aims to be digital health and care leader - via ComputerWeekly

Boston Children's Hospital launches KidsMD, an app for Amazon's Alexa - via MobiHealthNews

From U.S.: #Telemedicine programs boosting patient engagement but not ROI, study says - via HealthITNews

Could Asthma Outcomes be Improved with Use of #DigitalHealth Technology? - via BusinessWire

Digital Health Innovation Finds a Home at Cedars-Sinai - via mHealthIntel

The Apple Watch isn't the breakthrough product we were hoping for - via techinsider

A year with the Apple Watch: What works, what doesn't, and what lies ahead? - via arstechnica

The man who bet his house on his mobile phone invention - via BBCNews

Apple mandates that new Watch apps 'must' work without an iPhone from 1 June 2016 - via engadget

VA offers free health apps & developer tools - via iMedicalApps

Humana Turns the Apple Watch into a Medication Management Tool - via mHealthIntel

Report: 'Telehealth in Practice - Care Delivery Models from 14 Regions in Europe - via DSMeu

Digital Health World Congress 22-23 June, London - via DigitalWorldCongress

How to use technology to sleep better - via guardian

Medisafe iConnect Smart Pill Management System - via Medgadget

Are smart devices making patients smarter? - via tmforumorg

Tech & other innovations to improve lives of people with diabetes? - @parthaskarwould like to hear about them - via parthasker

The innovators: can computers be taught to lip-read? - via guardian

Startup connects with 270 health/fitness devices collecting & sharing data from 223m people - via FortuneMagazine

Target Leverages Connected Devices To Prepare For An Aging Population - via PSFK

2.3 Connected Care, Internet of Things, Smart Homes

64 Healthcare IoT Startups In Patient Monitoring, Clinical Efficiency, Biometrics, And More - via CBinsights

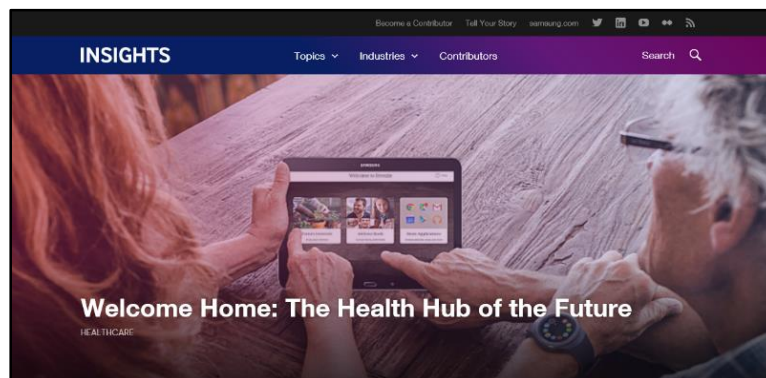The top-country early-adopters of the Internet of Things, ranked - via qz

The innovators: the smart systems driving motorists towards smarter cities - via guardian

Internet of Things: Are We There Yet? (The 2016 IoT Landscape) - via mattturck

Will smart meters be worth the money? - via BBCNews

Gartner warns of coming IoT data management overload - via RWW

Welcome Home: The Health Hub of the Future - via SamsungBizUSA

Internet of random things: Fridges, doorbells, beds, & ovens are your connected future. Right? - via VentureBeat

Cisco invests $500m in making Berlin a smart city - via ZDNet

Smart Homes? - Not Until They're Less Dependent On The Internet - via FastCompany

Why Passivity Is Key to the Healthcare Internet of Things - via HITAnalytics

10 Billion Items Of Connected Clothing: The Internet Of Things Just Became A Lot More Fashionable - via Forbes

From New Zealand: Smart devices study may help elderly to avoid needing rest home care - via NZStuff

Can Healthcare's Internet of Things Move from Froth to Function? - via HITAnalytics

Amazon Echo Dot gives you a voice-controlled smart home for only $90 - via mashable

Revolv Shutdown Debacle Underscores Business Model Challenges For 'Internet Of Things' - via Forbes

Predictions: the intelligent home and the internet of things - via innovateuk

Don't bother trying to make your dumb house smart - via qz

Designing the ultimate smart home - via wareable

Mobility, IoT fuel digital transformation - via FierceMobileIT

Fitbit's Move Into Medical Gadgets Risks Attracting FDA Scrutiny - via technology

Will digital technology help us become the "CEO of our own body"? Hear Ben Gowland interview Maneesh Juneja – via BenGowland

The problem with forced tech obsolescence - can internet of things be trusted? - via BBCNews

statnews looks at Google's biotech venture - via statnews

How KPCB thinks about the future of investing in wearable technology - via TechCrunch

Alternative perspectives on the Internet of Things - via BrookingsInst

GP2U: Smartphone app brings the doctor to your phone - via australian

What's trending in the IoT space - via TechCrunch

Citizen scientists could start to DIY some basic DNA analysis with a home lab - via TechCrunch

AI is not a threat to humanity, but an Internet of 'Smart' Things may be! - via TechCrunch

Logitech Harmony Elite review: easy to use remote that takes charge of your home - via guardian

What happens when the IoT device you've invested in gets bought out by another company? – via TechCrunch

Why the Internet of Things could fail - via techradar

Building a smarter home (rather than more digitised devices) - via TechCrunch

You can now control your Nest using Amazon's Alexa - via TheNextWeb

How will IoT impact healthcare? An interview with David Doherty (@mHealthInsight) - via mhealthinsight

Nokia buys France's Withings for €170M to ramp up in health tech and IoT - via TechCrunch

It doesn't feel like interacting with technology...Amazon Echo report - via sdut

The Internet of Things keeps letting me down - via slashgear

She has a name: Amazon's Alexa is a sleeper hit, with serious superfans - via guardian

Amazon's Alexa can now add events to Google Calendar - via verge

Amazon Echo now gives health advice about your child and will help you find a plumber - via IBTimesUK

2.4 Health Tech

Health & Care cyber security plans outlined amid 'mounting concern' of attacks - via HSJnews(£ subs)

Why hackers are going after health-care providers - via washingtonpost

Under pressure to digitize everything, hospitals are hackers' biggest new target - via washingtonpost

Crash test: The tech driving down car insurance fraud - via BBCNews

Tech eases Syrians' trauma in Jordanian refugee camp - via BBCNews

Event: NHS Hack Day - via NHSHackDay

UK government: so many tech strategies, so little leadership - via InformationAge

From U.S.: High-tech Medicine at UPMC - via hsuniontown

Tomorrow's Buildings: Help! My building has been hacked - via BBCNews

Ray Kurzweil Predicts Three Technologies Will Define Our Future - via singularityhub

An Easier Way to Track Your Blood Pressure? - via techreview

Official NHS digital maturity index reveals tech leaders and laggards - via HSJnews (£ subs)

NHS England clarifies tech funding position - via HSJnews(£ subs)

Qbtech receives FDA clearance for online test that assesses ADHD - via MobiHealthNews

Opportunities for health tech in CMS' new value-based payment model for primary care - via MobiHealthNews

How old banks are learning from a new breed of tech start-ups - via BBCNews

From U.S.: Working with today's EMRs is mentally exhausting - via kevinmd

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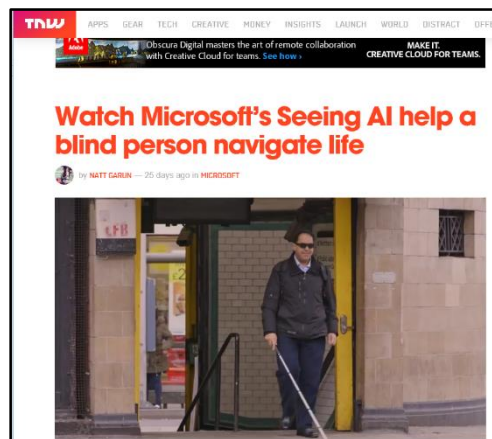
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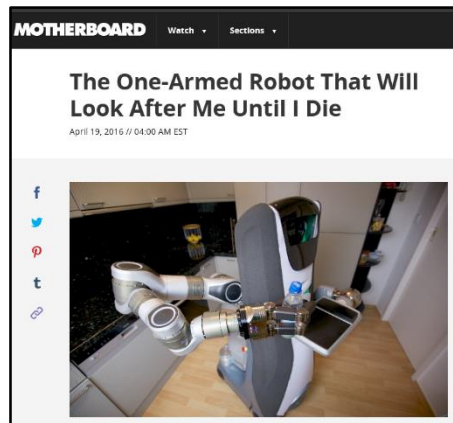Is machine learning the next commodity? - via RWW

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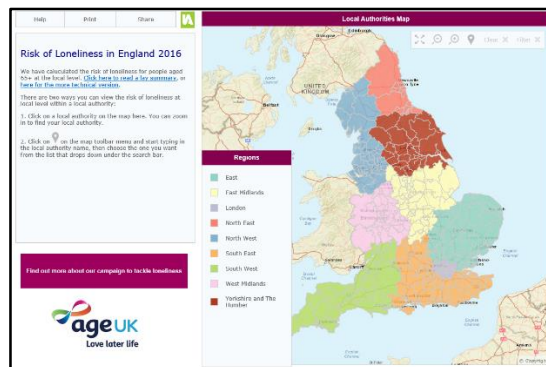Who cares? The future of general practice - via reformthinktank

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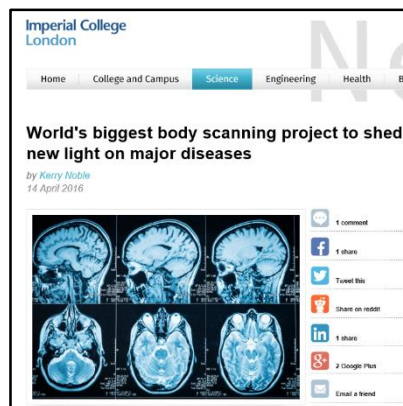Three million patients benefit from new innovations in pioneering NHS programme - via NHSEngland

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Telegraph article on Fitbit - via Telegraph

Mayo Clinic researcher: Cardiac rehab patients readily embrace digital tools - via FierceHealthIT

It's not worth me having a longlife lightbulb": Attitudes to death among the very old - via Cambridge_Uni

Clinical workload in UK primary care: retrospective analysis of 100m consults in England, 2007/14 - via TheLancet

The Older People's Health and Wellbeing Profile: health & care of older people across LAs in England - via PHE_uk

The unsuccessful privatisation of social care: why it matters & how to curb it - via Bob__Hudson@LSEpoliticsblog

This disease has quadrupled over 3 decades -- and it's everywhere - via cnni

How Under Armour Wants to Use Data to Make You Healthier - via FortuneMagazine

Researchers turn to crowdfunding to develop Alzheimer's drug - via guardian

What can the NHS learn from the 1940s fashion industry? (Ara Darzi on frugal innovation) - via guardian

Asthma inhalers given out almost as a 'fashion accessory', experts warn - via guardian

You can die of a broken heart, study indicates - via guardian

Facebook's Oculus hit by fears it will spy on users and pass on data - via guardian

The sugar conspiracy | Ian Leslie - via guardian

Jeremy Hunt is in trouble. This is his IDS moment' (@profchrisham) - via guardian

NHS looks to India for GPs in attempt to make up shortfall - via guardian

Hunt insists he will impose new contract on NHS doctors - via guardian

Health chief tears into Jeremy Hunt's NHS policies - via guardian

People with dementia can live well with it, but important to know how best to communicate with us - via guardian

Siri bug could let anyone spy on your iPhone's photos & address book - via Telegraph

Just Turned 40? An Architect Says It's Time To Design For Aging - via NPR

How Patients' Reports On Their Health Can Help Doctors Do A Better Job - via NPR

From the U.S.: The Rich Live Longer Everywhere. For the Poor, Geography Matters - via nytimes

From Canada: Caregivers are needed more than ever, but burning out - via TorontoStar

Citizens' juries back opt-out for health data - via digitalhealth2

GM Health and Social Care Partnership appoints Jon Rouse as Chief Officer - via GM_HSC

British mobile phone users' movements could be sold for profit - via guardian

Minister: 'Outdated' landline charges should be scrapped - via BBCNews

Behavioural factors in person- & community-centred approaches for health & wellbeing - via nesta_uk

In its first year, has Apple's ResearchKit revolutionized medical research? - via FastCompany

9 Connected Health Recommendations to Help Seniors Aging in Place - via mHealthIntel

Whole-of-community' approach to address social isolation among seniors - via AustAgeAgenda

HSCIC to become NHS Digital - via digitalhealth2

Caldicott and care.data stalled by EU referendum 'purdah' - via digitalhealth2

GP IT funding increased by 18 per cent - via digitalhealth2

What happens when American don't trust their doctors? - via mHealthW

Wearable stamp that allows contactless payments is on the way - via wareable

Tomorrow's buildings: App controlled 'day at the office' (video) - via BBCNews

GP IT suppliers agree to standard open APIs - via digitalhealth2

Could nurses safely take on half of GP appointments (Reform report)? - via guardian

The tablet market is 100 million units smaller than expected. What happened? - via Recode

Will tomorrow's smart office be a saviour or a spy? - via BBCNews

From Australia: Govt to trial Health Care Homes backed by eHealth and bundled payments - via PulseITMagazine

Honor HomeCare Lands Partnership to License American Cancer Society's Proprietary Care Guidance - via hitconsultant

Cold homes caused 9,000 deaths in England and Wales last winter - via Telegraph

Are there still opportunities in a care home market under pressure? - via CINBlog

Smartphone programs allow researchers to recruit participants and monitor them in real time - via nature

Rise in homelessness in England triggers calls to follow Welsh strategy - via guardian

Learning about patients' experiences of care in their own homes - via TheKingsFund

People-powered, closer to home, value & high performance, one team, smart system' - NZ's simple health strategy - via NZGovt

National homecare company wins Queen's Award for innovation - via CareTalkMag

Extra £2.4bn a year GP funding & patients urged to 'self-manage' conditions on internet - via Independent

Call for action over 'hospitals seen as homes - via BBCNews

First NHS trust makes move into home care market - via HSJnews (£ subs)

UCLA medical and engineering experts team up to improve health care: SMART Health Center - via UCLA

Centre for Ageing Better explores how home adaptations improve later life - via Ageing_Better

Devon trust marks first with move into home care - via NursingTimes

Our first whatworks evidence review scope is out for consultation, on home adaptations - via AgeingBetter

Further housing defeat for government over council homes selloff - via guardian

From Australia: Govt to trial Health Care Homes backed by eHealth and bundled payments - via PulseITMagazine

Care home crisis won't be solved by just paying more, says Justin King - via guardian

How health and social care is getting smarter - via Appello_UK

Nine new videos from Carers Scotland including use of digital tech - via SCTT_NHS24

How Your Electronic Health Records Could Change Genetics Research - via PacificStand

Five Technologies That Will Disrupt Healthcare By 2020 - via Forbes

Let Patients Read Their Medical Records - via nytimes

Moovit expands accessibility features for blind users - via TechCrunch

Powa: The tech start-up that fell to earth – via BBCRoryCJ

Active Aging Tech Can Help 85 Million Americans, Says New CTA Report - via BusinessWire

Google opens access to its speech recognition API, going head to head with Nuance - via TechCrunch

Google.org pledges $20 million to support disability technologies - via engadget

NHS England records worst performance for second month in a row - via guardian

Eight technologies that could change healthcare beyond recognition - via guardian

A look at the Ageing and Tech market in the U.S. first of 3 blogs - via alirogan

Self-tracking practices as knowledge technologies - via DALupton

HealthTech Women launches in Leeds - via digitalhealth2

Why not invest in tech so that we can all know, in real-time, what is happening in our NHS...? - via RoyLilley

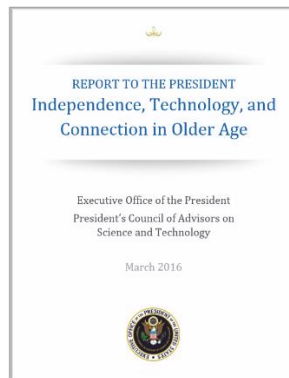Technology in general practice: a vehicle for change? - via NuffieldTrust

NHS seeks answers in digital health technology - via [FinancialTimes](link)

UK government appoints first National Technology Adviser - via [cabinetofficeuk](link)

Are electric cars ready to go mainstream? - via [BBCRoryCJ](link)

Why Doctors Shouldn't Be Afraid of Online Reviews - via [HarvardBiz](link)

Report to U.S. President: - Independence, Technology, & Connection in Older Age - via [WhiteHouse](link)

REPORT TO THE PRESIDENT
Independence, Technology, and
Connection in Older Age

Executive Office of the President
President's Council of Advisors on
Science and Technology

March 2016

Council tax hike to boost adult social care budgets by £382m but funding gap remains - via [CommunityCare](link)

Obamacare: The Gazillion-Dollar Startup Machine - via [Inc](link)

Connected lives key to a sustainable care system' article by @PaulBurstowTSA Adviser in national campaign - via [PaulBurstow](link)

Disabled great-grandfather has to crawl up stairs (video) - could stairlift be fitted? - via [Telegraph](link)

Social Care Digital Maturity Self Assessment tool now available from @LGAcomms - via [LGAComms](link)

Can digital amnesia be good for you? - via [MailOnline](link)

The care visits that still last just 15 minutes - via [MailOnline](link)

Training the Next Generation of Public Leaders and Problem Solvers - via [TheGovLab](link)

Another 33 'sustainability and transformation' leaders confirmed - via [nhenews](link)

Prevention is key to the fight against heart disease – Dr Matt Kearney - via [NHSEngland](link)

Britons working longer hours with no gain in productivity, study finds - via [guardian](link)

Pressures on NHS hospitals continue - via [MailOnline](link)

Trial aims to 'stall' type 1 diabetes - via [BBCNews](link)

Are councils failing to meet Care Act requirements on info, advice and top-up agreements? - via [CommunityCare](link)

Calling DIY SOS! Maybe they can save NHS & cuts in maintenance budgets?' - via guardian

David Oliver: Acutely ill patients on trolleys and beds—why not chairs? - via bmj_latest

Lords Select Committee - Government inaction is failing disabled people - via LordsCommittee

Junior doctors row has derailed seven-day NHS plans, says top doctor - via guardian

Britons working longer hours with no gain in productivity, study finds - via guardian

5 Implications for Hospitals Now that Retail is Health Care's New Front Door (U.S. - via hhnmag

Kaiser Permanente designed a health center that puts patients first - via fastcoexist

Medicare Proposal Takes Aim at Diabetes - via nytimes

Predictions for Precision Medicine get an evidence-based reality check - via HealthNewsRevu

Study: Variation in Quality of Urgent Health Care Provided During Commercial Virtual Visits

Latest Quick Guide, aims to support patients' choices to avoid long hospital stays - via NHSEngland

ADASS chief warns against social work being lost in 'rush to integration - via CommunityCare

Social services leaders commit to four-year campaign to secure funding - via guardian

The leadership challenges of sustainability and transformation plans by @nicolawalshkf - via TheKingsFund

Social care cases to be audited after user group claims council breached Care Act - via CommunityCare

Patients waiting hours for ambulances after NHS transport service privatised – via guardian

NHS eating disorder treatment wait discrepancies revealed (182 days in Manchester) - via BBCNews

Mental health deaths under-reported, says charity - via BBCNews

Lane Fox charity aims to help people develop digital abilities - via FT

New models of care could fail without GP IT investment, warns report - via GPonlinenews

Milestones On The Path To Population Health - via Health_Affairs

Action to tackle growing crisis in health & social care is essential for a sustainable future - via profchrisham

Prevention is key to the fight against heart disease Dr Matt Kearney - via NHSEngland

Charity boards are failing to adapt to the digital age - via guardian

Sexting for your health: raising legal concerns in New York - via guardian

Alarm raised over trust's 'risky' proposal to run A&E without specialist consultants - via

HSJnews (£ subs)

GP IT system failings force government review of contracts - via digitalhealth2

How Solid Is The Primary Care Foundation Of The Medical Home? - via Health_Affairs

Care home 'fairer deal' pledge on savings cap (Wales election) - via BBCNews

Digital undernutrition service linking NHS with nursing homes improves care - via NursingTimes

Twitter makes its service more accessible to the visually impaired - via TechCrunch

The tech industry wants to use women's voices, they just won't listen to them - via guardian

MedStar paralyzed as hackers take aim at another US hospital system - via CNBC

Hackers Have Crippled Another Major Hospital Chain With a Cyberattack - via FortuneMagazine

South East London record sharing project reaches GPs - via digitalhealth2

U.S. needs improved tech services to aid home care for seniors - via HealthDataMgt

Technology's role as providers work to reinvent primary care models - via MobiHealthNews

Technology Advisor – The reasons why digital health initiatives fail - via DOTmedcom

Carers Strategy call for evidence - the story so far by @AlistairBurtMP - via Care2

NHS Alpha: the team creating a new NHS.uk – via digitalhealth2

NHS Alpha is moving to beta - via digitalhealth2

Blockchain technology: hype or reality? - via CIOonline

Care home closures feature in @CityAMarticle - via cityam

Much like the Queen, we're all going to be working a lot longer by Larry Elliott - via guardian

Hearing Aid Prices Under Pressure From Consumer Electronics - via nytimes

Primary care under strain and struggling with rising demand - via CommonsHealth

From the U.S.: A Battle Brews Over Nurse Licensing in the Digital Age - via WSJ

London without old people is just a factory floor, with no past & no future by Harry Leslie Smith - via guardian

Brexit would be bad for the NHS and social care says @PaulBurstow - via guardian

Preparing for the day digital dies.. (as @hscic becomes NHS Digital) - via adgreenway

New Tools Help Patients Make Tough Decisions In the ER - via WSJ

Why Universities are Getting into Senior Housing - via srhousingnews

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Life stories in dementia care: we all have a story and cannot be understood without it - via [guardian](#)

Health and Wellbeing Boards: where to next by @RouseJonDGDH? - via [dhgovuk](#)

Improving with age? How city design is adapting to older populations - via [guardian](#)

Welcome to the new feudalism – with Silicon Valley as our overlords by Evgeny Morozov - via [guardian](#)

Event 2.0 Europe,10-12 May, Barcelona - via [Health2eu](#)

All healthcare is local: Commonwealth Fund looks at 3 U.S. communities - via [commonwealthfnd](#)

First of 3 blogs - 'The Next Generation NHS - Systems Change with Data - via [BeckyMalby](#)

Meet the Top Doctor at Google's Medical Moonshot Arm (Verily) - via [FortuneMagazine](#)

Researchers now have better picture of immune system attacks that cause type 1 diabetes - via [BBCNews](#)

Is Facebook planning to take over the world? - via [guardian](#)

The Dangers of 'Polypharmacy,' the Ever Mounting Pile of Pills - via [nytimes](#)

If the Govt had stuck to its plans, catastrophic care costs would be thing of the past - Janet Morrison - via [guardian](#)

JAMA: Addressing Social Issues Affecting Health to Improve US Health Outcomes - via [Study](#)

FDA: Interoperability a Core Requirement for Precision Medicine - via [HITAnalytics](#)

Upcoming event: 'Doctors 2.0 - 26/27 May, Paris - via [Doctors2.0](#)

Junior doctors strikes: 'Over 100,000 treatment delays' says NHS - via [BBCNews](#)

People with dementia and comorbidities are receiving disjointed substandard care, warn MPs - via [AlzSociety](#)

Can the NHS modernise without going broke? - via [WiredUK](#)

Tackling Diabetes With 'Digital Therapeutics - via [FortuneMagazine](#)

3   Learning and Events

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

Health 2.0 Europe,10-12 May, Barcelona **http://bit.ly/1LGDh7s**

TSA Annual Summit 2016 will be held on 19 May 2016 in Manchester

The future of medicine - the role of doctors in 2025 - London, 19 May 2016
http://bit.ly/1Ukdg0O

Doctors 2.0 - 26/27 May, Paris **http://www.doctors20.com/**

Big data, clouds, and the internet of healthy things – London, 2 June 2016
http://bit.ly/1UkdoNQ

FT Digital Health Summit Europe, London, 16 June 2016 - **http://bit.ly/1QUvLoovia**

New Routes to Integrated Care: The Challenge of Assistive Technologies, Telehealth and
Telecare, Manchester, 21 June 2016 **http://bit.ly/1Txa7aM**

Health + Care, 29-30 June, London **http://www.healthpluscare.co.uk/**

ADASS Informatics Network Conference - 'Enabling Adult Social Care Transformation, 24 May
2016, London **http://bit.ly/1MbUaah**

Programme **details** for the 2016 Digital Health and Care Congress (5-6 July 2016) at The
King's Fund are now available. Speakers include Jeremy Hunt (Health Secretary), Beverley
Bryant and Matthew Swindells (NHS England), Mustafa Suleyman (Deepmind), Dame Fiona
Caldicott and Bob Wachter (currently carrying out a review of digital health in the NHS).

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/

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