May 2016 Newsletter

1 Welcome

Welcome to the May 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.

The NHS Hospital deficit in England is £2.45 billion 2015-2016 and CIPFA suggest that there could be a £10bn gap by 2020 as it struggles to make £22bn in planned efficiency savings. This month's headlines warn us of increasing delays in health and care – hospital discharges, hospital wait times, carer and mental health assessments – could technology support better processes? Hopefully the National Information Board has some of the answers. Remember the NIB's workstreams and six priorities? – There are now 33 programmes across ten domains – will this speed up transformation across health and social care and improve outcomes? Meanwhile in London a wide range of organisations got together for the first 'Joined Up Digital' event at the Centre for Ageing Better – a big opportunity to share and collaborate on digital programmes that could benefit real people. TSA members also got together in May for their annual summit to plan out their activities for technology enabled care with a focus on 'connected care, connected homes and connected communities'.

Upcoming events include Financial Times Digital Health in June, the King's Fund's Digital Health and Care Congress in July as well as a recently announced series of workshops on virtual reality in health and care.

We've got over 750 links in our May news roundup - we hope you will find much of interest.



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1 Main News Items

1.1 National Information Board outlines its plan for digital health and care

More information is now available from the recent National Information Board (NIB) meeting held in April 2016. The NIB has set out 33 programmes and 10 domains as the basis of its current work programme on digital health and care.



A Self Care and Prevention

Self-Care and Prevention: We will deliver the online services that patients need to take control of their own care, which will reduce the pressure on front line services.

- 1 Citizen Identity
- 2 NHS.UK
- 3 Health Apps Assessment & Uptake (inc wearables)
- 4 Widening Digital Participation

B Urgent and Emergency Care

We will help to deliver the national urgent and emergency care strategy by providing the digital infrastructure, algorithms and pathways we require.

- 5 Clinical Triage
- 6 Platform Patient Relationship Management
- 7 Access to Service Information
- 8 Out of Hospital Care

C Transforming General Practice

We will use technology to free GPs from time consuming administrative tasks and provide patients with online services

- 9 General Practice Operational Systems and Services
- 10 Adopting Existing Technologies in General Practice
- 11 Technology for General Practice Transformation
- 12 GP Data for Secondary Uses

D Integrated Care

We will better inform clinical decision making across all health and care settings by enabling and enhancing the flow of patient information

13 Integrated Care - Business Change



- 14 Integrated Care Interoperability and Architecture
- 15 Social Care Integration
- 16 Personal Health Record

E Digital Medicines

We will enable and improve pharmacy decision making and outcomes by providing patients and prescribers with streamlined digital services.

- 17 Digitising Community Pharmacy
- 18 Pharmacy Supply Chain and Secondary Uses
- 19 Integrating Pharmacy Across Care Settings

F Elective Care

We will improve referral management and provide an improved treatment choice for patients by automating referrals across the NHS

20 Digital Referrals

G Paper Free at Point of Care

We will create an NHS "paper free at the point of care" by driving up levels of digital maturity and by enabling the NHS workforce to better utilise the benefits of digital technology.

- 21 Driving Digital Maturity
- 22 Digital Child Health
- 23 Digital Diagnostics
- 24 Workforce and Professional Capabilities

H Data Outcomes for Research and Oversight

Data Outcomes for Research and Oversight: We will deliver the health and care information and insight which is fundamental to informed policymaking, commissioning and regulation by improving information collections, analysis and reporting.

- 25 National Data Services Development
- 26 Data Content (inc. GP data, PLICS and PCOMS)
- 27 Innovative uses of Data

I Infrastructure

We will enable information to move safely and securely across all health and care settings by providing robust and future-proofed national systems and networks.

28 Digital Interoperability Platform and Spine

29 NHSmail2

30 HSCN

31 WiFi

J Public Trust and Security

We will provide the means for citizens to set their consent preferences. We will provide confidence that clinical and citizen information is held safely and securely and protect health and care systems from external threats.

32 Cyber-Security National 33 Opt-Out Model

Link:

https://app.box.com/s/ou6341f35q4d4b61mok4/1/7660374298/62975159342/1



1.2 Record £2.45bn deficit in England's NHS Hospitals

England's hospitals have run up a record deficit of £2.45bn according to figures from NHS Improvement compared to £822m in 2014-15.

The figures may actually be higher as some late accounting adjustments have been made to try and contain the overspend.

Barts Health in London, the NHS's largest trust, posted the biggest deficit of all (£134.9m) – almost a tenth of its £1.5bn turnover to cover agency staff and PFI costs.

In the <u>Guardian</u>, Chris Hopson, the chief executive of NHS Providers, which represents hospital trusts, said: "The report reveals how the combination of increasing demand and the longest and deepest financial squeeze in NHS history is maxing out the health service. At the same time as treating the highest ever number of patients, NHS trusts are £2.45bn in the red, with 65% of providers in deficit."

"We have to rapidly regain control of NHS finances otherwise we risk lengthening waiting times for patients, limiting their access to services, and other reductions in the quality of patient care."

Hopson pointed out that Britain spent a lower percentage of its national wealth on health than France, Germany, Sweden or Greece, and that investment as a proportion of overall public spending would fall even further over the next few years to less than 7% by 2020.

In a further <u>report</u>, the Chartered Institute of Public Finance and Accountancy (Cipfa) suggests that the NHS will exceed its budget by £10bn a year in four years' time as it struggles to make £22bn in planned efficiency savings.

Links:

NHS in England reveals £2.45bn record deficit
NHS faces £10bn a year deficit by 2020, says report
Why has the NHS deficit ballooned? One word: understaffing
NHS England reveals breakdown of £22bn savings plan
NHS figures are bad, but the true underlying deficit may be even worse
NHS treats record patient numbers - how well is it coping?
How is the NHS performing? May 2016

1.3 Joined Up Digital

The digital work stream within the <u>Centre for Ageing Better</u> <u>aims</u> to assess the potential of digital technology to support their work in helping people to have a good later life.

This work includes:

- Researching what digital innovations are helping people as they age
- Connecting with other organisations that are working on the topic of digital and ageing
- Defining what the Centre for Ageing Better's role should be with regards to digital and ageing and how digital could support the plans for their initial topics





As part of this work, the Centre for Ageing Better has been linking with a number of other organisations, including <u>Age Action Alliance</u> and <u>New Philanthropy Capital</u>, on a project (Joined Up Digital) to understand how access to and adoption of digital solutions with older age groups can be improved.

The Joined Up Digital project is using network mapping to assess the relationship of individuals and their family, friends and community - through to local organisations and national services to provide greater insights into how gaps in the 'digital supply chain' can be addressed.

The first group meeting of Joined Up Digital took place in May to explore scenarios and potential use cases based on the Centre's recent work with Ipsos Mori (<u>Later Life in 2015</u>). Robert Pye from Ethos has <u>blogged</u> about the event.



More information about the project can be found at http://www.joinedup.digital/#!project-outline/ecoxu for those people that wish to get involved.

See also: John Popham's blog on <u>Capturing Older People's Technology Stories – Greta and</u> Arnold



1.4 Digital Health and Care Congress – July 2016



Dame Fiona Caldicott is National Data Guardian for health and care. Ahead of her speaking at The King's Fund's <u>Digital Health and Care Congress</u> in July, she <u>talks</u> about her recent review, data-sharing and the security of data in the health and care sector.

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

1.5 TSA Summit 2016

More than 160 people attended TSA's Annual Summit in Manchester on 19 May 2016 to review recent progress on Technology Enabled Care (TEC) and discuss plans for the coming years up to 2020.

The Summit was chaired by Health and Care Thought Leader and Senior Advisor to TSA, Rt Hon Paul Burstow, and included updates on TSA's <u>new shared narrative</u> for TEC, along with an update on the development of TSA's <u>Code of Practice</u>.

Manchester is the focus of a major health and social care devolution project covering nearly three million people. In December 2015, an innovative project in the city aimed at improving the services for its residents was chosen as the <u>winner</u> of a £10m Government-led technology competition.

The CityVerve Project aims to test better services using the Internet of Things (IoT) technology. It includes plans for several cutting edge initiatives including a network of sensors in parks and along commuter routes to encourage people to do more physical activity. At the Summit, Dr Ilan Lieberman (Thematic Lead for Health & Social Care on the CityVerve Project) outlined the programme which also includes a COPD pulmonary rehab project as well as enhanced neighbourhood teams with IoT (Internet of Things) and virtual wards.



















Rt Hon Paul Burstow (Summit Chair) and Alyson Scurfield (Chief Executive, TSA)





Andrew Gardner (Chair, TSA) and Dr Ilan Lieberman (CityVerve Project, Manchester)











Teams from Appletree Careline, New Forest District Council and Sandwell Metropolitan Borough Council recognised for TSA Code of Practice accreditation

A <u>new publication</u> reviewed the past 21 years of the organisation as well as looking to the future. Arrangements for the <u>International Technology Enabled Care Conference</u> for October 2016 have now been launched (<u>a short trailer for the event is available here</u>) and more details on registration and exhibition opportunities are available at <u>www.iTECconf.org.uk</u>





(Contributed by Jeni Quirke at TSA – follow <u>@TSAVoice</u> on Twitter for daily updates)



2 News Headlines

2.1 Telecare

Journal of Telemedicine and Telecare: May edition - via JTT

Prevention of falls in older people living in the community - via bmj_latest

Gloucestershire Fire and Rescue Service to serve whole county with Telecare response - via glosnewscentre

Green Access delivers UK's first IP based telecare system - via GreenAccessPLC

Telecare pendant device helps save Sunderland pensioner after microwave catches fire - via SunderlandEcho



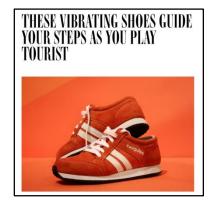
Those with over £23k savings could be charged almost £300 a year for alarms in Southwark - via Southwark_News

Case study: Birmingham City Council and proactive calling - via TunstallHealth

2.2 Telehealth, Mobile & Digital Health, Telemedicine

Warfarin users in Durham and Darlington urged to sign up for digital testing - via TheNorthernEcho

Vibrating Shoes Guide Your Steps as You Play Tourist - via WIRED





Senseonics receives CE Mark for implantable continuous glucose monitoring system - via MobiHealthNews

Telemental health services bridge gaps in care, but regulatory issues a barrier - via FierceHealthIT

Simple steps to patient self-care with MJog's Patient Health Monitor - via FabNHSStuff

Remote Patient Monitoring: Real-Time Patient Data, Real Liability Risks - via doctorscompany

Microsoft's 'mood shirt' knows how you're feeling patent for sensor equipped clothing - via MailOnline

When should fitness trackers stop tracking your browsing habits? - via techaeris

In development: Sneakairs are smart sneakers that could replace your map - via DigitalTrends

Usher Syndrome & value of technology - via MollyWatt

Aging at Home: Some Tech to Watch Over Me - via technewsworld

Tech-Savvy Families Use Home-Built Diabetes Device - via WSJ

Can digital technology help a person living with multiple sclerosis? - via shirleyayres

Philips highlights power of population health management technology at ATA Conference - via PRNewswire

Infographic: Senior Care Technology - via HIN



94-year-old fashion icon's smart bracelet to compete with Fitbit - via CNBC

AliveCor smartphone ECG as good as standard Holter monitor: Study - via FierceMedDev

NHS double standard for people with dementia in care homes - via AlzSociety

Could a smartphone help spot disease? - via BBCNews



Smart leg makes engineering prize shortlist - via BBCNews

The next revolutionary medical instrument? Your smartphone - via WiredUK

Five Reasons Why Remote Patient Monitoring Is Coming to a Home Near You - via SamsungBizUSA

Facebook's early investors back an app connecting you to specialist docs in 30 minutes - via techinasia

Apple invests \$1B in Didi Chuxing, China's largest ride hailing app - via TechCrunch

Apple Watch sales make it top smartwatch in Q1, but trail basic wearables from Fitbit & Xiaomi - via 9to5mac

We Tested the Canadian Health App That Claims to Measure Internal Age - via motherboard

Researchers: Telehealth 'no holy grail' for COPD patients - via FierceHealthIT

Advances in telemedicine: an interview with Dr Ameet Bakhai - via NewsMedical

From Australia: NSW 5 year telehealth strategy signals shift from small to sustainable - via PulseITMagazine

Apple dives straight into health care with release of first CareKit apps - via verge



Patient Online - what does it entail for a GP practice? - via digitalhealth2

New Medicaid rule carves out a place for telemedicine in care networks - via MobiHealthNews

Al patient app at Alder Hey hospital being developed with IBM Watson - via BBCNews

New app launches in Britain that 'pays' people to get fit - via Reuters

These 7 Questions Can Mean the Difference Between Success Or Failure With Your Patient App - via MediaPost

Penn State Health links with Mercy Virtual to expand telemedicine and ICU monitoring - via HealthITNews

Manchester student nurses swap paper charts for iPad as part of training - via digitalhealth2



This Fitness App Tracks You Too Much, Consumer Advocates Claim - via FortuneMagazine

Telemedicine for foot care: Using technology to get back on your feet - via Mac_AgingNews

How Kenyans are embracing mobile technology to access healthcare - via guardian

Mobile Technology Is Changing Clinical Studies Landscape - via VOANews

NHS Highlands develops smart glasses tech - via digitalhealth2

JMIR: Assessing the Use of Mobile Health Technology by Patients: An Observational Study in Primary Care Clinics - via <u>Study</u>

As Google, Apple Pursue Telemedicine, U.S. Carriers Struggle - via technology

Hacking Medicine Institute announces evaluation and ranking of health-focused apps/devices - via MedTechBoston

Survey: Only 22% of Digital Health Users Use EHRs to Make Medical Decisions - via hitconsultant

Hillingdon Hospitals develops care record app - via digitalhealth2

Tech giant Nokia to acquire digital health device maker Withings for \$191 million - via MobiHealthNews

PHE search for new #digitalhealth tool - via PHE_uk

IBM app could help people keep their sight - via Computerworld

Hacking Medicine's consumer health app review site launches - via MobiHealthNews

UK healthcare products regulator in talks with Google/DeepMind over its Streams app - via TechCrunch

From app doctors to big data: five ways tech will shape healthcare - via guardian



FDA Cleared Telemedicine Stethoscope Software – Now in Beta at MobilDrTech - via prweb

Pebble adds more health-tracking features to its smartwatch and mobile app - via verge

Smart Watches Need (More) Killer Applications - via HuffingtonPost



mHealth and Seniors: ATA to Shine a Light on Home-Based Monitoring - via mHealthIntel

An Uber for everything: the surge in on-demand apps - via guardian

From Canada: Be wary of using unmonitored mental health app forums, experts say - via CTVNews

Behavioral Health Apps —Evidence, Market, & Needs—The 5Q - via Medium

Telehealth Startup WeCounsel Nabs \$3.5M to Connect Mental Health Providers - via hitconsultant

Apps & devices are being designed to help manage care of older patients, but they're going unused - via CNETNews



Telemedicine is applied too broadly and it will take time to identify ideal applications - via medcitynews

Does #DigitalHealth need Clinically-Tested, Consumer-Facing, Interoperable Products? - via hitconsultant

How digital healthcare can help create system to deliver wellbeing - via yorkshirepost

Samsung Presents Its Vision For The Hyper Connected World - via applause

The future of apps is chatbots, and it's going to be terrible: by Alex Hern - via guardian

Interview with MarkHowells from @Konnektis - Integrated personalised care - via $\underline{\text{DigitalHealthEZ}}$

From the U.S.: Project ECHO Poised to Become a National Telehealth Model - via mHealthIntel

My Five Asks of Digital Health by @dlschermd - via dlschermd

From U.S.: Joint Commission Ends Text Messaging Ban for Clinicians - via mHealthIntel

Digital Health – Big data, big business...big problems? - via anniecoops

My Applewatch after 365 Days - via MollyWattTalks

Digital health innovators have a long way to go in sharing their expertise - via medcitynews

Huge Untapped Potential in Communities. It's Time for Social Care and Health to Harness It - via <u>HuffingtonPost</u>

Survey: 20 percent of US households own an activity tracking wearable - via MobiHealthNews

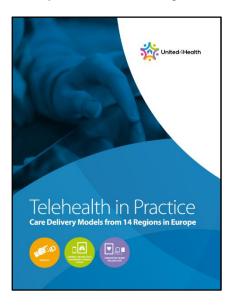


Apple is opening up its CareKit framework to developers - via TIME

Apple releases its open source CareKit framework, adds Cleveland Clinic as early adopter - via MobiHealthNews

HSCIC actions 1.2m patient opt-outs for data sharing - via digitalhealth2

Telehealth in Practice - Care Delivery Models from 14 Regions in Europe - via U4H_EC



FDA declines to approve Proteus-Otsuka sensor-equipped pill, asks for more tests - via MobiHealthNews

Turn NHS into a wellness organisation - find out what makes us sick & stop it happening - via RoyLilley

App spots patterns to help diabetes patients avoid hospitalization - via medcitynews

Attempt to improve healthcare has focused on making people happy, rather than making them well - via TheAtlantic

Apps help emergency rooms offer shared decision-making - via medcitynews

An mHealth Dilemma: Can Wearables Generate Medical-Grade Data? - via mHealthIntel

IPhone Sales Drop, and Apple's 13-Year Surge Ebbs - via nytimes

Ireland: HSE board gives its approval to €900m e-health plan - via IndoBusiness

EU Draft mHealth App Assessment Guidelines - via Slideshare

From NZ: Open all hours – behind the scenes at the national telehealth service - via NZDoctor_news

Study: Length of illness affects acceptance of telemedicine in patients with diabetes - via GoHealio

From the U.S: Top 5 Telemedicine Trends - via medcitynews



Evidence for Telemedicine in Psychiatry (after 60 years since first video consultation) - via Medscape

Call for applications for multi million research programme led by disabled people - via #DRILLUK

Walgreens To Expand Mental Health Services Via Telehealth - via hitconsultant

Bausch + Lomb and IBM Collaborate on Innovative App for Cataract Surgeons - via IBM

Can Telehealth Help Improve Health Service for Native Americans? - via mHealthIntel

Northumberland Council wins £25,000 to develop digital health platform - via PublicNow

Facebook Moments facial-recognition app launches in Europe - via BBCNews

The Real Reason Apple Made the Apple Watch - via TIME

Pharmacy 2U unveils massive prescription centre in Leeds - via digitalhealth2

Using mHealth to Turn the Consumer into a Patient - via mHealthIntel

Global sleeping patterns revealed by app data - via BBCNews

A Digital Health Q&A with FDA's Bakul Patel - via MDDIonline

BT to invest £6bn in faster broadband and mobile services - via BBCNews

Affected by dementia? Help us test Dementia Citizens apps - via nesta_uk

Why Telemedicine Won't Save Your Company A Dime - via TLNT_com

Telemedicine Program Will Extend Parkinson's Care Throughout New York State - via PRNewswire

Is Digital Health Finally About to Turn All That Hype Into Results? - via FortuneMagazine

Developing an evidence based stroke rehabilitation app by starting with the evidence - via iMedicalApps

Mobile game Sea Hero Quest helps dementia research - via BBCNews

Using mHealth to detect heart rate variability - via mHealthIntel

Envisioning a Digital Health Advisor - via commonwealthfnd

Could a risk reduction & lifestyle choices app suggest possibility of developing Alzheimer's? - via preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's? - via preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's? - via preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's? - via preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's? - via preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's? - via preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's? - via preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's preeding-risk-reduction & lifestyle choices app suggest possibility of developing Alzheimer's preeding-risk-reduction & lifestyle choices app suggest of the lifestyle choices appear and the lifestyle choices appear appear

6 key takeaways on health system telemedicine integration - via BeckersHR

Richard Stubbs – Time for a digital health revolution - via AHSN_YandH

Establishment of the Australian Digital Health Agency Board - via sussanley

Brigham and Women's Hospital tests Medisafe's app in hypertension patients - via MobiHealthNews



London develops Health and Care Information Exchange - via digitalhealth2

Applying Multiple Methods to Evaluate a Patient Portal's Effectiveness to Convey Information to Patients - via <u>study</u>

Could your mobile phone provide a simple measure of lung function compared to a spirometer? - via Medgadget



Barnsley Learning Disability team win awards for creating new app - via <u>HealthITCentral</u>

Google Fit adds fitness and health data exchange, like Apple's HealthKit - via MobiHealthNews

How telemedicine is helping the VA address its access crisis - via MobiHealthNews

Why 98% of Digital Health Startups Are Zombies And What They Can Do About It - via Forbes

Google Assistant takes on Amazon and Apple to be the ultimate digital butler - via guardian



Is there a UK resurgence in telehealth? - via HealthITCentral

State & Impact of Digital Health Tools Report: 14 Trends to Know - via hitconsultant

Simon Wheatcroft runs blind with help of a phone app - via BBCNews



Sensoria's new Walk app helps less mobile people track fitness - via DigitalTrends

A Different Approach to Health App Curation - via ChilmarkHIT

Face recognition app taking Russia by storm may bring end to public anonymity - via guardian

Event: FT Digital Health Summit Europe - via FinancialTimes

Digital Health and Care Congress 2016 - via TheKingsFund

Who dominates Twitter discussions of #digitalhealth? Not patients! - via DeborahLupton

American Well Will Allow Telemedicine Patients to Pick Their Doctor - via nytimes

Closing the Telehealth Gap - survey of health leaders - via hitconsultant

#ATA2016: Phoenix based Banner Health saves lives and money with telemedicine - via medcitynews

IDC: Wearable tracking device shipments up 67 percent year-over-year - via MobiHealthNews

In a world full of multi-purpose wearables, can one trick ponies survive? - via DigitalTrends

ICO 'aware' of Google DeepMind and Royal Free app concerns - via digitalhealth2

China's Digital Healthcare Dreams - via CKGSB

Plans in London to reduce hospital outpatient appointments: use of phone, Skype etc - via standardnews

The Promise of Telemedicine: Americans spend 2.4bn hours on doc visits a year (=\$52bn in wages) - via <u>nytimes</u>

ATA to Doctors: Let's Prove Telemedicine's Value' #ATA2016 - via mHealthIntel

Integrated care pioneers struggling and facing IT issues - via digitalhealth2

#ATA2016: Much progress, much work ahead in telemedicine - via medcitynews

Patients Beware: Experts Say Your Favorite Health App Could Provide False Information - via CBSNewYork

Study of Telemedicine Finds Misdiagnoses of Skin Problems - via WSJ

Choice, Transparency, Coordination & Quality Among Direct to Consumer Telemedicine Websites & Apps For Skin Disease - via Study

Survey: 42% of Consumers Using Digital Health Data Say Data Goes Nowhere - via hitconsultant

Consultation continues on European Commission Draft Guidelines on Mobile Health Apps - via lexology

Western Australia burns expert Fiona Wood supports replacing hospital appointments with video calls - via perthnow

Sensoria launches walking app for people with limited mobility - via mobihealhnews



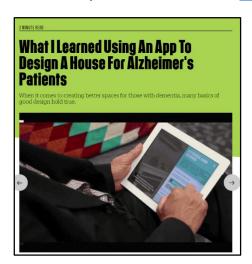
PwC survey finds parents are more likely to own wearables - via MobiHealthNews

Event: 'The Uberisation of Health': 8 June, London - via DigitalHealthForum

Sensoria launches walking app for people with limited mobility - via MobiHealthNews

Nearly HALF Surveyed Report Data from #DigitalHealth Tools Not Incorporated into Healthcare - via HCInformatics

An App To Help Design A House For People with Alzheimer's - via FastCoDesign



Would more people use #digitalhealth if doctors recommended it - via digihealthnews

Applications for awards celebrating innovation in West Midlands' healthcare - closes 27 May - via wmahsn

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

Blackpool to deploy digital care cost checker and online application - via UKAuthority

U.S. Survey: 25 percent of healthcare providers offer telehealth, telemedicine services - via MobiHealthNews

April #digitalhealth funding hit \$220 million - via MobiHealthNews

The wearable life 2.0: Connected living in a wearable world - via PwC_LLP

Report: Nearly half of Americans own a wearable, 36 percent own 2 or more - via MobiHealthNews

MHRA issues alert over QRisk2 calculator in TPP - via digitalhealth2

From India: Online doctor app crosses 3m downloads with 100k experts - via Dataquest_India

A wearable that could help with motion sickness - via IEEESpectrum

Technology developers could ease the burden on the NHS - via New_Electronics

The Rise Of Digital Technology In Mental Health - via Forbes



How Should Companies Handle Data From Employees' Wearable Devices? - via WSJ

Could apps help people with allergies? - via BBCNews

Coming to a screen near you... the 20 best new social apps - via guardian

Project Jacquard could be Google's best shot at a wearable platform - via mashable

MobileHelp Announces Telehealth Solution for Healthcare Providers - via Marketwired

Remote physio for orthopedic surgery shows uptick in app use coincides with drop in MD visits - via medcitynews

U.S. digital health org to help families organize personal health info shuts down consumer app - via medcitynews

Telehealth Shifts its Focus (survey) - via mHealthIntel

Google's New Science Journal App Turns Your Android Phone Into a Lab Full of Sensors - via Gizmodo

Accenture: Top 5 Digital Health Trends Show the Power of People - via hitconsultant

Tim Cook: Why the Apple Watch is key in the 'enormous' health care market - via CNBC

Does this Ankle Need an X-ray? There's an App for That - via ehealthnews

From the U.S.: More hospitals look to create mHealth platforms to support staff - via FierceMobileIT

Mercy's Telemedicine Network is Growing - via <u>mHealthIntel</u>

INTEROpen supplier group launched to promote open standards - via digitalhealth2

Is An LTE-Connected Apple Watch Coming This Fall? - via FastCompany

Canary Health acquires health startup bLife for its mobile expertise - via MobiHealthNews

How Should Companies Handle Data From Employees' Wearable Devices? - via WSJ

Intermountain Healthcare launches Connect Care telehealth app - via SUindependent

What's next for wearable tech - via TheNextWeb

From app doctors to big data: five ways tech will shape healthcare - via guardian

Intermountain Healthcare launches Connect Care telehealth app - via SUindependent

Transitioning a home telehealth project into a sustainable, large-scale service: a qualitative study - via <u>Study</u>



2.3 Connected Care, Internet of Things, Smart Homes

Press Amazon's IRL Button to Call a Cab, Brew Coffee, or Whatever (customisable Dash buttons) - via <u>WIRED</u>



Google's answer to Amazon's Echo is code-named 'Chirp' and is landing soon - via Recode

How sofas in the house of the future could track elderly people's health - via globeandmail

Univ of Michigan: Security Analysis of Emerging Smart Home Applications - via UnivMichigan

So much for the smart home: Researchers reveal major security flaws in popular IOT system - via MailOnline

Drayson Technologies raises £8M for RF energy harvesting tech aimed at IoT devices - via TechCrunch

How IoT can help address challenges raised by Europe's ageing population with the Smart Ageing Challenge Prize IOTUK

The Internet of Things Needs Design, Not Just Technology - via HarvardBiz

The Internet of Things is a security nightmare, warns EFF - via TechCrunch

Rethinking security for the Internet of Things - via TechCrunch

Smart-home technology must work harder to create smarter consumers - via TechCrunch

Google's Nest open sources OpenThread to snag more IoT partners, take on Amazon - via TechCrunch

Review: August Smart Lock with HomeKit - via TheNextWeb

Kelton Global/Nest Connected Home Survey - via BusinessWire

Can the 'internet of moving things' end traffic jams? - via BBCNews

The IoT and the 20 ninjas in your refrigerator - via TheNextWeb

Google to Introduce Its Voice Activated Home Device - via nytimes



Connecting everyone to internet would add \$6.7tn to global economy - via guardian

How do you connect a piece of paper to #IOT? Researchers show how with 'smart' paper - via InformationAge

Amazon Just Got a Big Win in the Internet of Things Market - via themotleyfool

Smart doorbell owners saw video from other houses thanks to a weird bug - via verge

Retro objects the smartphone made obsolete - via Telegraph

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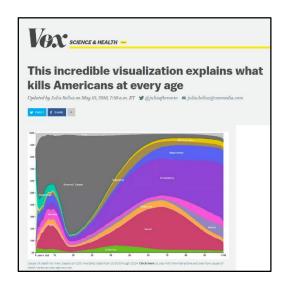
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Giving New Doctors the Tools They Need - via nytimes

Inside Silicon Valley's Culture of Spin - via FastCompany

New framework to improve care for patients with diabetic foot disease published - via NHSEngland

Why we need to build social capital in cities - via irf_uk

New report reveals older pensioners living on low incomes - via IndependentAge

Dementia myths might be delaying people from getting treatment - via guardian

Too many people delay seeking dementia diagnosis, says @AlzSociety - via bbcnews

Nearly 1m over-75s living in poverty, Independent Age report says - via BBCNews

Google could face fine over shopping service - via guardian

Driverless cars, drones and spaceport to feature in Queen's speech - via guardian

The NHS cannot escape its financial crisis without more money - via guardian

Doctors are told to curb overuse of oxygen in hospitals - via guardian

Driving licence could be added to Apple Wallet, turning driver's iPhone into an ID - via Independent

Dementia Awareness Week 2016' #DAW2016 - via alzheimerssoc

Care for children with mental health problems is woeful, say GPs - via guardian

Last-minute hospital operation cancellations at 15 year high - via guardian

Privacy fears 'deterring' US web users from online shopping & other activities - via BBCNews

The Six Assets of Aging - via changingaging

Empowering People with Dementia through Online Support Groups - via DementiaAllianc

4 Steps Assisted Living Can Take Toward ACO Status - via srhousingnews

Prescribing Data: An Unintended Side Effect of Transparency - via ProPublica

Muddled leadership, competing agendas, risk averse culture damaging NHS digital agenda (Kingsley Manning) - via <u>HSJnews</u>

Only 4 hospitals in England hit A&E targets as exceptional pressures have become 'the norm' - via Independent

Ban on advertising unhealthy food to children considered - via BBCNews

Living Systematic Reviews: towards real time evidence for health-care decision-making - via bmj_latest

GDS chief outlines vision for Civil Service - via UKAuthority



Terminally ill UK cancer patients being asked to donate blood/tissue samples to study when they die - via <u>BBCNews</u>

Successfully adapting best practice in care models (@nedwards_1) - via NHSEngland

Big Lottery Fund award £9.5m to @agenoretirement @nesta_uk @designcouncil to design new ways to help older people - via BigLotteryFund

Why don't we talk more about the privatisation of social care: Bob Hudson? - via guardian

Exploring the digital developments in Estonia - via BBCNews

NHS 'has busiest year in its history - via **BBCNews**

NHS pushes forward with ambition to create world class cancer services - via NHSEngland

2500 GP surgeries could be affected by software problem in CVD risk calculator, MHRA investigating - via BBCNews

We Need a Coalition of People Committed to Delivering Integrated Care says @ewandking - via HuffingtonPost

My mother's treatment in hospital opened my eyes to a policy of shameful neglect | Joan Smith - via guardian

O2, Three and our 5G future - via BBCRoryCJ

CMS: Physicians Overloaded with Big Data, Yet Feel Uninformed - via HITAnalytics

£1.5m for up to 20 teams to improve healthcare and/or the way people manage their own health care - via HealthFdn

How close are we to stopping Alzheimer's? - via BBCNews

How does this year's NHS budget compare historically? - via TheKingsFund

Jeremy Hunt misleading voters over NHS budget increase, says thinktank - via guardian

AJMC: Improving Caregivers' Involvement in Decision Making With Seniors - via AJMC

Is the ambulance service in crisis? (11 months since the Red One target was met) - via BBCNews

Hunt faces fury over plan to axe 3,000 chemists (£170m funding reductions) - via dailyexpressuk

Pew Survey: Most Americans Don't Use Services Like Airbnb, Uber, and Instacart - via FastCompany

In Sweden, an Experiment Turns Shorter Workdays Into Bigger Gains - via nytimes

Former NHS chiefs call for increased taxation to prop up the ailing health service - via Independent

NHS to offer more control for wheelchair users over their provision - via NHSEngland



Google aims to kill passwords by the end of this year - via guardian

85 doctors & entrepreneurs get together for first-ever Clinical Entrepreneur training programme - via NHSEngland

Toyota is remaking the iBot, a stair-climbing wheelchair that was ahead of its time - via verge



Is the ambulance service in crisis? (11 months since the Red One target was met) - via BBCNews

Hunt faces fury over plan to axe 3,000 chemists (£170m funding reductions) - via dailyexpressuk

NHS in England reveals £2.45bn record deficit - via BBCNews

How London has leapfrogged rivals to become a global hotspot for tech - via CityAM

The Digital Powerhouse: How collaboration can turbo charge the Northern tech economy - via TechNorthHQ

Why being judged inadequate is not all bad for care homes | David Brindle - via guardian

Care 'has improved for 12,000 in homes' in England - via BBCNews

Patients requiring chemotherapy could receive treatment closer to home under new plans - via NHSEngland

How Technology Hijacks People's Minds: from a Magician and Google's Design Ethicist - via tristanharris

For People With Disabilities New Technology Can Be Life Changing - via NPR

Darian Leader: how technology is changing our hands - via guardian

Google's vision for VR: YouTube, smartphones and a virtual hand - via guardian

GPs praised for 'dramatic' cut in antibiotic prescriptions - via BBCNews

NHSE has published the Integrated approach to identifying & assessing Carer health and wellbeing - via NHSEngland



CQC shifts focus from inspections to data and feedback - via digitalhealth2

Society for Participatory Medicine co founder: "Health happens between visits - via MobiHealthNews

Is Apple's new store the future of retail? - via Telegraph

New data shows that mobile internet is used more but phone call remains most popular communication - via DSMeu

Perks and pitfalls of Facebook's live video revolution - via guardian

Number of antibiotic prescriptions in England falls, figures show - via guardian

Introducing the National Alzheimer's & Dementia Patient & Caregiver-Powered Research Network - via S4PM

How seven day services can benefit patients - via NHSImprovement

New lanyard launched to assist passengers with hidden disabilities - via posability

How Designing For Disabled People Is Giving Google An Edge - via FastCoDesign

Poor quality housing costs NHS in England £1.4bn & wider society £18.6bn each year - via theCIOB

The new era promised by the Care Act is yet to arrive (Andrew Webster, KPMG) - via guardian

New Advice On Nation's Diet Sparks Health Row - via SkyNews

Thousands of pharmacies in England at risk of closure - via BBCNews

More people caring for someone with cancer (survey) - via BBCNews

NHS agency pay caps breached more than 50,000 times a week - via BBCNews

Spending blights the NHS, but not in the way you think | Anne Perkins - via guardian

Ambulance delays linked to 35 deaths in past five years - via guardian

Help yourself: Supporting older people towards independence - via GeriSoc

NHS faces £10bn a year deficit by 2020, says report - via guardian

How Facebook Warps Our Worlds - via nytimes

Google's Latest Accessibility Feature Is So Good, Everyone Will Use It (Voice Access) - via FastCoDesign

How to find wisdom in the age of information - via TheNextWeb

How special walking stick helps people with Parkinson's - via BBCNews

Teladoc plans chronic condition focused programs by year's end - via MobiHealthNews



New session and speakers at eHealth Week revealed - via HealthITCentral

eHealth initiative for coordinated care for tens of thousands of chronic disease patients across Europe - via NewsMedical

Needs of dying people not a priority for many health and wellbeing boards and CCGs - via ehospicenews

The future of chatbots is more than just small talk - via CSIROnews

Health Foundation response to NHS provider deficit of £2.45bn - via HealthFdn

Time spent online doubles in a decade - via Ofcom

Our health service is running on empty (Chris Hopson) - via thetimes (£ subs)

Scientists Are Just as Confused About the Ethics of Big-Data Research as You - via WIRED

Heart disease and stroke risk predicted by new tools - via imperialcollege

E-cigarettes - the fog and haze around the debate - via BBCHughPym

RoboCop is real – and could be patrolling a mall near you - via guardian

Wrist-band device for alcohol monitoring wins U.S. prize - via Reuters

Contactless cards get a new fan base: The over-60s - via BBCNews

Clover Health using data analysis & preventative care to improve healthcare for seniors - via FortuneMagazine

5,500 MH patients in England had to travel out of area last year because of lack of hospital beds - via BBCNews

Why So Many of Us Hate the Word Innovation - via Inc

Safe and Secure with Accessible Ring Video Doorbell - via MollyWattTalks

NHS Improvement Partners with Virginia Mason Institute to Improve Safety & Quality for Patients - via PRNewswire

Why has the NHS deficit ballooned? One word: understaffing - via guardian

NHS figures are bad, but the true underlying deficit may be even worse - via guardian

The Guardian view on NHS finances: even the fantasy figures look bad' | Editorial - via guardian

Growing net use in over 75s, but almost two-thirds have never gone online - via BBCNews

New team to save NHS millions by including nurses in the procurement process - via NurseinPractice

Patients 'could suffer' as NHS trusts bust budgets - via BBCNews

Meet Uber's first self-driving car - via verge



Angela Rippon: 'Teach the young about dementia - via BBCNews

OpenNotes co-director says doctors will soon write notes for patients instead of themselves - via MobiHealthNews

Better care in my hands: A review of how people are involved in their care - via CareQualityComm

Uber joins race for driverless cars - via **BBCNews**

Student bursary cut may worsen NHS staff shortages - via BBCNews

Surgery should be used to treat type 2 diabetes, say international experts - via guardian

Thousands miss out on surgery for type 2 diabetes - via BBCNews

Big Data in Healthcare - via Forbes

Twitter to eliminate photos and video from 140 character limit - via guardian

Back-office staff have a role to play in improving NHS care too - via guardian

How do people use NHS England's digital communication channels? (survey) - via NHSEngland

Study reveals success of text messaging in helping smokers quit - via medical xpress

Vectura and Propeller Health announce collaboration to develop digitally connected inhalers - via Vectura

Could a biometric sensor help detect signs of cancer, Alzheimer's, and Parkinson's? - via gizmag

How good is heart rate measurement on activity trackers? - via TheNextWeb

Event: 'Local Digital Roadmaps: The route to a paperless NHS?' (free online, 9 June) - via TheKingsFund

New era for integrated care in Greater Manchester (Care Together in Tameside/Glossop) - via $\underline{\mathsf{GM_HSC}}$

NHS watchdogs abandon large scale inspections as budget cuts bite - via Telegraph

NHS regulator to scale back hospital inspections after budget cuts - via guardian

Scale of NHS staff transfer to private sector revealed - via NursingTimes

David Wood: New types of medics are future of care - via yorkshirepost

Introducing the National Alzheimer's & Dementia Patient & Caregiver Powered Research Network - via S4PM

How Designing For Disabled People Is Giving Google An Edge - via FastCoDesign

Poor quality housing costs NHS in England £1.4bn & wider society £18.6bn each year - via theCIOB



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Ambulance delays linked to 35 deaths in past five years - via guardian

Help yourself: Supporting older people towards independence - via GeriSoc

Delays in discharging older patients from hospital 'cost NHS £820m a year - via guardian

Discharging older patients from hospital - via NAO

3 Learning and Events

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

Various dates in June/July 2016: Virtual Reality for Health & Social Care Workshops with Maneesh Juneja, London http://bit.ly/1W5PPc5



Delivering Scotland's Vision for Integrated Digital Care 1 June 2016, Glasgow http://digitaltecevent.communicare247.com/

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



UK Telehealthcare MarketPlace 8 June 2016, Worthing http://www.uktelehealthcare.com/



Digital Health Festival 6-14 June 2016, London https://www.digitalcatapultcentre.org.uk/events/category/digital-health-festival/

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

Priorities for developing the role of technology in health and social care: out-of-hospital treatments, managing long-term conditions and NHS Innovation Test Beds – 22 June, London http://www.westminsterforumprojects.co.uk/forums/event.php?eid=1200

Digital Health World Congress, 22-23 June 2016, London http://bit.ly/1TyLuOl

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

Digital Health and Care Congress 2016, The King's Fund 5-6 July 2016 http://www.kingsfund.org.uk/events/digital-health-and-care-congress-2016

Upcoming events from UKTelehealthcare (http://www.uktelehealthcare.com/):

- Patient Information Forum Conference, RCP, 25 May
- Telehealthcare Awareness Day, 1 June
- Telehealthcare Day MarketPlace, The Charmandean, Worthing, W. Sussex, 8 June
- Suppliers' Forum, Westminster City Hall, 14 June am
- Technical Forum, Westminster City Hall, 14 June pm
- Providers' Forum, Westminster City Hall, 17 June, am



- UKTHC Executive, Westminster City Hall, 17 June pm
- New Routes to Integrated Care, TQG, Manchester, 21 June
- Health + Care, Excel, 29/30 June
- 'The Shape of Things to Come' MarketPlace, HG Wells' centre, Woking, 12 July

4 Other useful links

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

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

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

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

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

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

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