NEWSLETTER
August 2014

Welcome to the August 2014 newsletter from the Technology Strategy Board (TSB), Knowledge Transfer Network and the Telecare Learning and Improvement Network.

Launched October 2005, our free monthly newsletter is now distributed to 48,000 subscribers in the UK and worldwide via e-mail and archived at www.telecarelin.org.uk. You can also find highlights on Rebelmouse (daily) or by following Mike Clark on Twitter (@clarkmike). With over 1400 news and events links over the last month, we hope that you find this newsletter useful.

It is nearly halfway through one of the most challenging years for health and social care in the UK. Steps are being taken to address waiting lists and the quest for managing demand for urgent and emergency care continues with a recent update on the urgent care review. September and October will see some major rewrites of 151 Better Care Fund plans to take account of the changes to the pooled fund arrangements. Telecare LIN will be tracking the changes relating to digital health and care through the Autumn as well as updating the telecare map. There will be new technology announcements from Apple early in September and along with Microsoft, Google, Samsung and others there will be continuing interest in mobile health and smart home platforms. Questions continue to be asked about how data from all of the connected devices will be used to improve health and care outcomes. Also, debates continue on who would really benefit from digital health and care, particularly when surveys suggest some apps are used for just a few months. Radio 4's 'You and Yours' programme had an interesting discussion on the UK telecare and telehealth progress on 25 August – worth a listen. To keep up with the latest technology developments and service offerings, there is an extensive programme of events and conferences this Autumn including The King's Fund, Royal Society of Medicine and Telecare Services Association annual conferences (see this month's event listing).

For weekly news, updates and information, you can register with the Technology Strategy Board, ALIP group and the dallas group. You can follow the dallas programme on Twitter at @dallas_connect. You can also access a Twitter Stream via the TelecareLIN website.

Contents

A Links Supplement is available this month in two formats – pdf, doc

The newsletter is Prepared by Mike Clark (Twitter: @clarkmike and http://storify.com/clarkmike) for the KTN, ALIP Knowledge Transfer Network and Telecare Learning and Improvement Network.

Item 1 – News from ALIP (Assisted Living Innovation Platform), the Knowledge Transfer Network, Technology Strategy Board and dallas

(i) The Long Term Care Revolution – where we are now?

THE LONG-TERM CARE

REVOLUTION

The Long-term Care Revolution was launched by the Technology Strategy Board in 2013, with the ambition of transforming the conventions, perceptions and structures on which institutional care is based, leading to a radical re-thinking of how care is provided, and opening the way for the innovation needed to deliver on this vision.

If you'd like a detailed reminder of the story so far, including information on all of the projects, please download the Long-Term Care Revolution: Revolution to Evolution Case study**. This is a report of an open event held on the 1st May 2014 where all the projects were invited to present their progress.**

Since then, the projects have been moving forward at pace. We will be keeping you up to date with more in-depth news in future newsletters, however for now here's a reminder of who they are. This month we focus in extra detail on CASA.

(a) CASA – Connecting Assistive Solutions to Aspirations

CASA is a collaboration between Leone Services Ltd (lead), University of the West of England, Nottingham University and Sensixa Ltd.

Starting with a series of consultations with older adults, carers of those with memory problems, young people with learning difficulties and their families, the CASA team created a range of technology "enabler packages" which matched the distinct needs and aspirations of these different groups. The selected technology covers four key areas of functionality – safety monitoring, enabling independence, emergency assistance and home automation. To facilitate deployment, CASA has carried out an extensive piece of work investigating integration and interoperability across these functions.

 The older adults participating in the project co-design workshops and home trials with various smart technology, such as tablet computers, mobile phones, smart watches and even a companion robot, helped us to find out if, and how, these devices could be used within the packages. Samsung donated mobile devices for this study in exchange for feedback from CASA participants on the utility and user experience of their technology. This engagement from a commercial organisation is a good indicator that major players are waking up to the market opportunity of a historically neglected customer group. The older adults group also did task-based work testing accessibility and usability of different graphical user interface mock-ups. A longer action learning trial is taking place in September for this group.

The carers of those with dementia and other memory problems are working with brochure-style material to establish some of the preferred characteristics and barriers to purchase of both consumer and assistive technology, e.g. cost, design, stigma etc.

Learners at Swiss Cottage SEN School and their families have been set up with activity trackers to help them achieve their "keeping fit" goals, and are competing against themselves and their classmates over the summer holidays. An extended home trial is taking place with a school leaver with a mobile phone and an activity tracker to investigate the potential of these consumer devices to enhance independence.

CASA has been working with the respite care manager at the school to introduce other technology to the short-breaks facility which includes smart TVs to have digital personalised welcome packages for the learners staying in the flat; and sensors, which were used in a simulated scenario to test five different use cases with an SMS alert system set up to send alerts to staff when sensors picked up certain concerning behaviours. Two further sensor trials are currently taking place in single-person dwellings.

CASA has also completed economic and business modelling, and looked in detail at privacy and security issues surrounding collecting personal data. We have received feedback from potential future customers on brand and marketing collateral, and have filmed a concept video on how technology can be used to enable independent living.

The CASA project has provided a valuable research base and helped to provide a proof of concept for a new assistive technology business planning to launch in 2015.

(b) 1 PRECIOUS LIFE

The One Precious Life program, based out of Liverpool's Baltic Creative, has been focussing on the education, support, and motivation of individuals with Long Term Conditions so they can make their life better from many angles. To do this the project has developed accessible tools that can track wellbeing and matched these with specialist trained coaches who engage with and educate individuals with Long Term Conditions. The project will continue to provide and update online (www.onepreciouslife.com) and offline educational material.
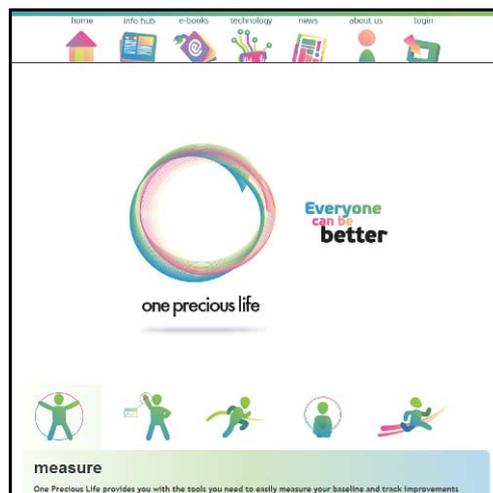
Eight individuals have enrolled in the program and the feedback from them has been very encouraging. As the end of the nine month program approaches the focus is on development of an operations manual so the One Precious Life model can be duplicated and taken to scale.

(c) RITA – Responsive Interactive Advocate

RITA aims to harness technology from the entertainment industry to underpin new models of personal care that restore autonomy.

(d) POPPINS

In the Poppins project, the virtual currency will be given out by shopkeepers as part of a rewards scheme to drive trade in the Oak Mall Shopping centre in Greenock. The currency can be spent in a community centre that is being set up in an empty shop.

(e) FLOURISH

The Flourish project aims to reframe the concept of need, moving away from a care system that provides physical support alone, to one that focuses on wellbeing.

(f) SALTC

SALTC will provide a tool to educate people about the very real possibilities that they, or a loved one, may face the challenge of a Long Term Condition, one day in the future. The protocol the project seeks enables advance planning, to ensure individuals maintain autonomy, and to think about their later stages of life today.

(ii) Life KIC Network- Looking for Innovative Digital Health Organisations

The University of Edinburgh is leading a bid to become the co-ordinating hub of the proposed LifeKIC network (www.lifekic.eu). This network will consist of multiple parties (academic centres, public sector organisations including healthcare organisations, and industrial partners) across Europe who will collaborate to drive forward innovation along the theme of 'healthy living and active ageing'. The network will be funded by the European Institute of Innovation and Technology (EIT) and will have significant funds at its disposal to help fund suitable projects.

Although the core partners have been agreed, The University of Edinburgh are now looking to engage with a wider range of companies/organisations who could help deliver outputs from the

network should the bid be successful. Companies with an interest in the health, care, and well-being sectors, who develop, market, or are otherwise involved in new technologies and/or IT solutions for this sector are of great interest. At this stage, all that is required is a letter of support from such companies, although in the longer term there will be scope to engage in more detail.

Should you be interested in supporting this bid, please visit the KTN pages to download the letter of support to complete along with an 'elevator pitch' and 'vision statement' which provide more detail about the project.

Please note, the bid submission deadline is mid-September 2014. **Letters of support must be submitted by the end of the first week in September.**

(iii) Ambient Assisted Living Forum 2014 (9-12 September 2014)

The AAL Forum is the annual platform for the increasing European AAL community to meet and discuss several topics, relevant for improving the AAL JP as well as the adoption of AAL solutions in the market. It is an initiative of the AAL Joint Programme. (website, register).
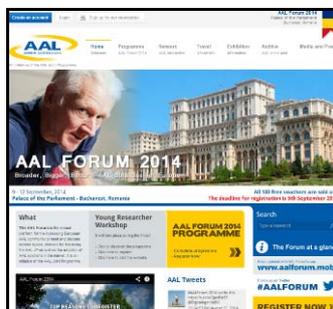
(iv) MALT Conference (30 September 2014, Sheffield)

The MALT Conference 2014, 'The challenges and opportunities of mainstreaming technology enabled care services' will take place on 30th September at the Source at Meadowhall, Sheffield, S9 1EA.
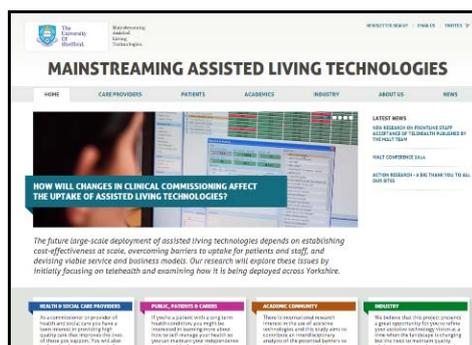
The conference is for healthcare professionals, policy makers and commissioners, technology industry, charities and researchers interested in the future of technology enabled care services.

Highlights of the day will include:

- Key messages from the MALT study
- Testing of financial and business models, user acceptance and adoption tools
- Diverse perspectives on the challenges and opportunities of technology enabled care
- Networking and learning opportunities

For more information or to register please click here

(v) Arthritis UK Marketplace Conference (Nottingham, 17 October 2014)

Register to join us as a delegate, potential exhibitor of a new idea or a corporate sponsor for the Arthritis Research UK Marketplace 2014, a unique event for everyone interested in or directly involved in innovation to help improve the lives of people impacted by arthritis.

The event aims to speed up the realisation of ideas and maximise the impact for people affected by arthritis, improving quality of life.

There will be multiple opportunities to meet people involved in the funding, design, development, manufacture and sale of innovations that can help people with arthritis live pain-free, independent lives. You'll be able to:

- share ideas and identify gaps in the market
- network with and learn from the experts and important industry figures
- express an interest in specific areas of product development
- gain valuable market insight and understanding to aid future product development
- access support networks.

For more information click here

(vi) Innovate 2014 (London, 5-6 November 2014)

Our annual innovation, networking and exhibition event, in partnership with UK Trade & Investment (UKTI), is an opportunity to meet others from business, government and academia and make innovation happen.

We're currently building an exciting programme that will stimulate opportunities for innovation, export and investment for the UK's most innovative companies.

Come along to Innovate UK 2014, the UK's largest innovation event, for opportunities to:

- Connect with other businesses
- Showcase your innovations and share latest thinking with the business community
- Develop ideas and explore collaborative opportunities across global markets
- Network with UK and international business, government and academia

[Register here](#) for Innovate 2014.

(vii) Telecare Services Association (Newport, 17-18 November 2014)

The [TSA](#) invites you to join us at the International Telecare and Telehealth Conference taking place at Celtic Manor Resort, South Wales on the 17 - 18 November 2014.


- The International Telecare and Telehealth Conference is the largest in the world focusing exclusively on Telecare and Telehealth
- A two day interactive, thought provoking, practical conference with the best and brightest speakers in our industry
- Industry focused break-out sessions on tackling the Solutions for 21st Century Care through the use of technology
- Exhibition and showcase zones featuring the latest technology innovations
- Connect with the thought leaders and gain insight into future trends

For more information [click here](#)

Item 2 – UK policy announcements

Here is a roundup of UK policy news over the last month. A fuller listing is available in the supplement (pdf, doc).

(i) The Department of Health has announced social care grants for 2014-2015, in addition to these grants there is the Care Bill Implementation Grant.

(ii) 'Learning from the best to make the NHS better' - Sir David Dalton writes about the importance of the NHS sharing and learning from best practice, whether from inside or outside the NHS. The Dalton Review consultation ends on 31 August 2014.

(iii) The Department of Health has made available business plan input and impact indicator data for 2014 to 2015.

(iv) From the Department of Health: Over 70 delegates from across the UK and Commonwealth gathered at Healthcare UK's Digital Health Forum to explore the continuing development of digital health around the world. The Digital Health Forum was the first opportunity for Public Health England, GSK and BUPA to discuss their involvement with the Be He@lthy Be Mobile programme. Be He@lthy Be Mobile is led by the World Health Organisation (WHO) and the International Telecommunication Union (ITU). It's developing best practices and bringing them to scale for NCDs including diabetes, cancer, cardiovascular and chronic respiratory diseases. (Also - Healthcare UK review of 2013-14 and business plan for 2014-15 and Healthcare UK reports significant progress in its first 18 months).

(v) A pathfinder programme is being established for mutuals in health.

(vi) The Department of Health is seeking views on how the NHS outcomes framework could be improved – consultation closes on 12 September 2014.

(vii) The adult social care efficiency tool identifies similar areas (or 'statistical neighbours') for adult social care delivery for older people and working age adults with learning disabilities. These are the two largest groups who receive adult social care. The comparable indicators include spending per head, quality of services and access to services. The tool provides a basis for comparing spending and outcomes between councils and helps directors of adult social services and local authority financial leads to find new opportunities for improving adult social care efficiency.
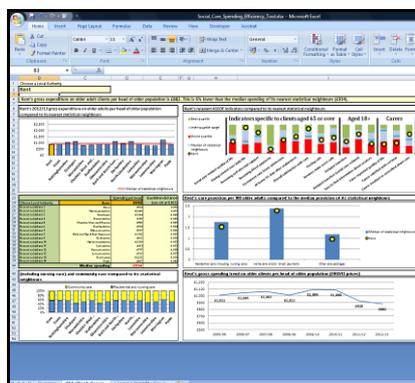
(viii) NHS waiting times: job not done – additional funding for treatments has been agreed by the Department of Health to reduce long waits.

(ix) The NHS Constitution has been updated.

(x) The Department of Health has published Care Act 2014: funding allocations for new adult social care duties – the consultation closes on 9 October 2014.

(xi) The Department of Health has published 'Research and development work relating to assistive technology 2013-14'.
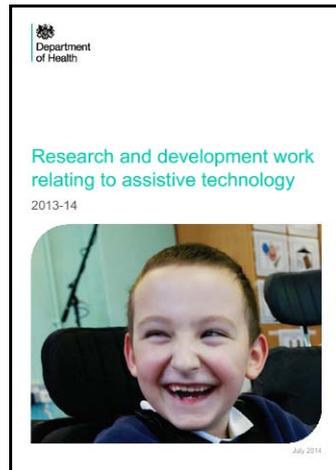
(xii) NHS England along with NHS Employers and BMA has published 'Avoiding unplanned admissions enhanced service: Proactive case finding and care review for vulnerable people'.
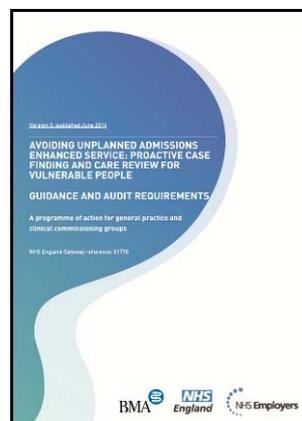
(xiii) NHS England has announced Volunteer groups to get £2m to support vulnerable patients this winter. Up to eight voluntary sector organisations will share £2m to provide extra help over the busy winter months. The groups, including Age UK, British Red Cross and Royal Voluntary Service, will run local projects that target those people most at risk of admission to hospital and who need extra support when they are discharged, such as older people living alone without a support network.

(xiv) Update on Urgent and Emergency Care Review - NHS England has published an update on the Urgent and Emergency Care Review, which builds on NHS England's future vision for urgent and emergency care in Transforming urgent and emergency care services in England. Urgent and Emergency Care Review End of Phase 1 Report. This update sets out what the Review has been doing since they last reported in November 2013. It reports on progress with NHS England's work with local commissioners and the development of their five year strategic and two year operational plans as well as updates on planning to develop demonstrator sites to trial new models, including the new NHS 111 service specification.

(xv) NHS England has set out a 'NHS Five Year Forward View ("5YFV")' – this covers, purpose, outcomes and workstreams.

(xvi) NHS England are consulting on improving access to information formats such as 'easy read' and braille and to British Sign Language interpreters.

(xvii) More than half of patients (51 per cent) were aware of their legal right to choose a hospital or clinic for an outpatient appointment, and a similar proportion (53 per cent) referred for an outpatient appointment first had a discussion with their GP about where to receive treatment. Fewer than two fifths of patients, however, said they were offered a choice of hospital by their GP when being referred for an outpatient appointment. These are some of the findings of a survey of over 2,700 patients conducted for NHS England and the health regulator Monitor, which looked at the number of patients being offered a choice by their GPs.

(xviii) A Better Care Fund planning update has been published (template and other information).

(xix) 40 million patients now have a Summary Care Record and health professionals are using them to improve and speed up patient care. NHS England is now focusing on rolling it out in A&E, NHS 111, and GP out-of-hours services.

(You can follow the Department of Health in England, Jeremy Hunt and Norman Lamb on Twitter at @dhgovuk, @jeremy_hunt and @normanlamb. In Scotland, you can follow the Scottish Government's Health Department on Twitter @scotgovhealt and Alex Neil @AlexNeilSNP (also @NHS24). In Wales follow @WelshGovernment)

Item 3 – Other news

Here is a roundup of other news over the last month. A fuller listing is available in the supplement (pdf, doc).

(i) eHealth Insider reports on the recent Urgent Care Progress report with enhancements to the 111 service including access to medical and care records, appointment booking for GP call back, home visit or ED appointment.

(ii) The Good Governance Institute has published a report from the 'Model for Optimising Scaleable Telehealthcare' (most) programme.
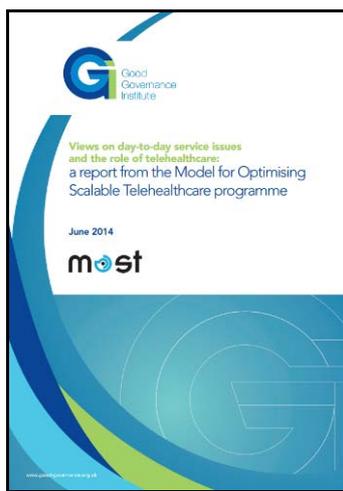
(iii) BBC 'You and Yours' Radio Programme looks at the take up of health and care technologies. Winifred Robinson visits Mi Liverpool, one of four Government-funded initiatives that is being piloted across the UK and hears how people are using telecare and telehealth packages. She's joined in the studio by Dave Horsfield who runs the project, also by Claire Medd, Clinical Director for Care Innovations and Professor Trisha Greenhalgh from Barts and the London School of Medicine and Dentistry.

(iv) There is a brief report at EHI on telehealth in Gloucestershire along with indications that a 'fake' telehealth company may have approached someone asking for a service payment.

(v) Age UK estimates that one in three older people in England and Wales who struggle with tasks as basic as washing and dressing get no care (Telegraph article).

(vi) 'A Whole New Meaning to 'Face Time' with Your Doctor' - Dartmouth –Hitchcock article.

(vii) The CarePredict Tempo wrist-worn sensor monitors activity patterns by mapping out a general schedule of the day, and observing changes. (Engadget article).

(viii) Analysis from Ambulance Trust data suggests people are waiting for longer outside emergency departments (BBC article).

(ix) Google has released a preview software development kit (SDK) for Google Fit, the platform the company will launch later this year to help Android users aggregate data from fitness apps and devices (Mobihealthnews article).

(x) Public Health England (PHE) has released a report containing new analysis showing that men who have a large waist circumference of over 102cm are 5 times more likely to develop type 2 diabetes. Women with a large waist circumference of over 88cm are 3 times more likely to develop type 2 diabetes. Currently 90% of adults with type 2 diabetes are overweight or obese and the prevalence of both obesity and diabetes are on the increase. At present 100 people each week in the UK have a limb amputated as a result of diabetes and diabetic eye disease is the main cause of preventable blindness in the working age population in England and Wales. By 2030, the total number of adults with all types of diabetes is projected to rise to 4.6million or 9.5% of the adult population.

(xi) Airedale Hospital has achieved a milestone of 100th care home to get round-the-clock care on screen.

(xii) Recent news updates via eHealthInsider include:
- E-Health Insider :: 226 bids worth £360m made to tech fund 2
- E-Health Insider :: 300 Liverpool families use eRedbook
- E-Health Insider :: EHI interview: Phil Smith
- E-Health Insider :: Guy's and St Thomas' progresses e-noting
- E-Health Insider :: Homerton tracks paper with 6PM
- E-Health Insider :: Key care.data letters 'not sent'
- E-Health Insider :: Open source survey launched
- E-Health Insider :: Police chief calls for records access
- E-Health Insider :: Power to the people on testing times
- E-Health Insider :: Prisoners 'Breaking Free' online
- E-Health Insider :: Smart glasses offer vision of future
- E-Health Insider :: Spire hospital trials wearable monitors
- E-Health Insider :: Telecare "not magic bullet" - WSD study
- E-Health Insider :: Three months and counting to an Epic event
- E-Health Insider :: Western Sussex rolls out kidney alerts

(xiii) Southwark Council introduces Digital Champions as part of plans to get more people online.

(xiv) A poll of 152 councils in England found nine in 10 had concerns over the cost of the new social care funding scheme. A cap of £72,000 from April 2016 means that councils will have to start assessing those who pay for their care themselves (excess of 400,000 people) to see if they qualify for help (BBC article).

(xv) Creative England is offering £1m fund for digital healthcare innovation (Closes 31 October 2014).

(xvi) There are a number of interesting programmes at the Washington DC Office of Aging website.
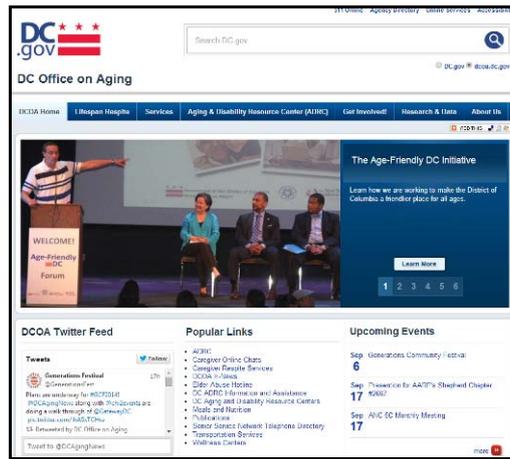
(xvii) Deloitte suggests there could be 100 million e-visits globally of which 75m would be in the U.S.—potentially saving $5 billion when compared to the cost of in-person physician visits. Most of the e-visits would be capturing patient information through forms, questionnaires and photos rather than video links/remote monitoring (Report - Deloitte - eVisits - 21st Century Housecall).

(xviii) Drugs for patients with diabetes now cost the NHS in England more than £2.2m every day (10% total drugs budget) (Independent article).

(xix) A four-year project will look at 100,000 genomes to enable more personalised treatment in the future. Pilots have been set up at centres across England and the first genome was sequenced on 30 May 2014. The project has now passed the 100 genome mark, with the aim of reaching 1,000 by the end of 2014 and 10,000 by the end of 2015. (BBC article).

(xx) The replacement for the NHS Spine has gone live. Spine 2 will be used by services such as the electronic prescription service, personal demographics service, Summary Care Record application and Choose and Book. The service holds 80m demographic records, 40m Summary Care Records and is used for 16m prescriptions every month (eHealth Insider article).

(xxi) In 2013-14, 344,000 people in England received a dementia diagnosis - up from 213,000 in 2006-07. The provisional figures also suggest an 8% rise in the number of recorded dementia cases since 2012-13. The rise could be due to a number of factors, including an ageing population and improved diagnosis (BBC article).

(xxii) If you are not at the King's Fund [Digital Health and Care Congress](#) (10-12 September 2014), you can follow at #kfdigital on Twitter.

(xxiii) From the [Guardian](#) - Smartwatches will revolutionise treatment for chronic conditions.

(xxiv) The [Telegraph](#) looks at lifestyle changes that could possibly reduce the risk of dementia – could technology provide support?

(xxv) The paperless NHS, Tech Fund, NHS Number, CareConnect, care.data - eHealth Insider has [reviewed](#) progress on the many targets and initiatives in UK health IT.

(xxvi) Intel has unveiled a 3G modem not much bigger than a penny that could be embedded in connected devices around the home including wearables and smart sensors ([BBC News](#)).

(xxvii) From the U.S. - Philips Lifeline has launched its first-ever app that acts like an mPERS. The Philips Lifeline response app will allow a one-touch call to the same response center that handles other Lifeline products via their smartphone from anywhere ([Mobihealthnews article](#)).

(xxviii) A [report](#) is now available from the recent AKTIVE conference held in Leeds ([website](#)).

(xxix) Telemedicine and eHealth videos are now available via a new webpage at the RSM website.
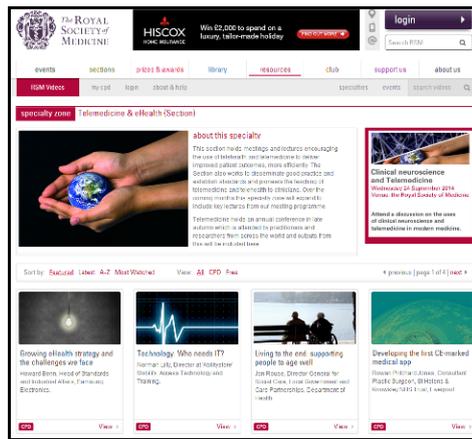
(xxx) From Forbes in the U.S. - a smartphone pilot project set to launch in January 2015 for Medicaid patients involves Microsoft, TracFone and Health Choice Network and will be used for people with Type 1 and Type 2 diabetes to help manage their condition.

(xxxi) There is a new website for Gloucestershire Telecare with online self-assessment option (Article).
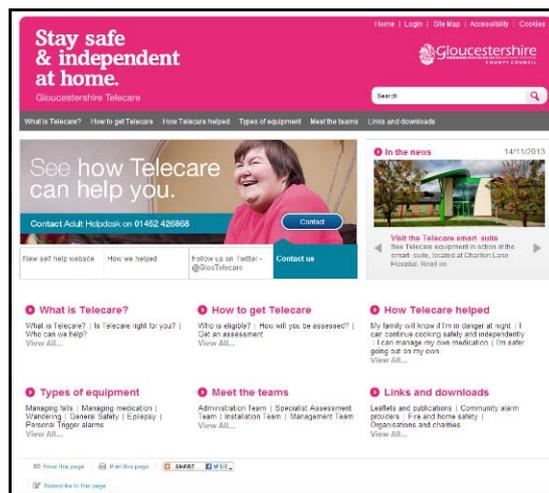
(xxxii) A Startup, Chemisense, is developing a wearable chemical sensor that could help asthma sufferers avoid attacks (Technology Review Article).

(xxxiii) "People in healthcare have not yet figured out how to bridge the gap between technology and care," says Manu Varma, vice president of marketing and strategy for Philips' Hospital to Home clinical programs – an interesting article at mHealth News. Also, from MIT Technology Review – 'Mobile Health's Growing Pains - Full of promise, mobile health still needs to wow patients and nail down its payoff'.

(xxxiv) From HIT Consultant - Park Associates has announced a new digital health research report revealing four digital health consumer segments based on their attitudes toward their health and healthcare solutions: Healthy and Engaged, Challenged but Mindful, Unhealthy and In Denial, and Young and Indifferent. The research found that among all U.S. broadband households, 26% are Healthy and Engaged, 25% are Challenged but Mindful, 28% are Unhealthy and In Denial, and 21% are Young and Indifferent. (Parks Associates report - Digital Health Consumers: A Lifestyle and Technology Segmentation).

(xxxv) There has been much online discussion on the recent Lancet article on GP telephone triage (ESTEEM Trial).

- Telephone triage increases demand on GP practices
- GP phone consultations 50pc more likely to need follow-up
- Why were ESTEEM findings so different (cf GP Access)?
- ESTEEM, telephones and GP workload

(xxxvi) Pulse Today is reporting that hypertension self-management may be included in a NICE guidelines update.

(xxxvii) 'Guess what? Doctors don't care about your Fitbit data' – interesting article from Venture Beat.

(xxxviii) 'Disability, dementia and frailty in later life - mid-life approaches to prevention' – the NICE consultation continues until 5 September 2014.

(xxxix) BBC News has a video on how Sweden cares for older people.

(lx) From Pulse Today - Up to 25% of GP referrals could be avoided through a combination of better signposting, education, pathway redesign and use of technologies, according to the authors of an audit of referrals carried out by South Derbyshire CCG.

(lxi) Accenture looks at five digital trends fueling disruption in healthcare.

(lxii) Wearable cameras could help people with dementia and other conditions remember important events in their lives (Guardian article).

(lxiii) Intel has partnered with the Michael J. Fox Foundation focused on Parkinson's disease research, to study symptom patterns in Parkinson's patients (Mobihealthnews article).

(lxiv) Jibo family robot covered in You Tube video.

(lxv) Nearly half of Kaiser Permanente's members use the 'My Health Manager' online health management platform (Mobihealthnews article).

(lxvi) From the Telegraph - Research finds that most people hit their peak confidence and understanding of technology when they are just 15 - this drops gradually up until their late 50s and then falls rapidly from 60 and beyond.

(lxvii) There are plans to increase the numbers of physician associates – what will their future role be? (Guardian article).

(lxviii) Useful publications from KPMG:

- KPMG - Creating new value with patients, carers and communities
- KPMG - Primary Care Paradox

(lxix) Researchers at the University of Texas have identified predictors of early re-hospitalisation among patients hospitalised for complications of chronic obstructive pulmonary disease. They concluded that several modifiable factors, such as appropriate prescriptions upon discharge and early follow up after discharge from the hospital, were associated with lower likelihood of early readmission (Medical Xpress article).

(l) Visiting health coaches using mobile technology could help reduce readmissions for Medicare patients. (Health IT outcomes article).

(li) The King's Fund will be announcing the final report of the independent Commission on the Future of Health and Social Care in England (Barker Commission) on 4 September 2014.

(lii) SmartC4RE – an EU project on e-health, healthy ageing, e-learning and integrated care in a rural setting.

(liii) New - Telecura website covering telephone based assistance.

(liv) There are some interesting observations from BT Global Health's Ian Dalton on UK telecare and telehealth in this PAC article.

(lv) mHealth News has a useful article on PERS mobile developments in the U.S.

(lvi) New from the University of York – Does higher supply of nursing and care homes reduce delayed hospital discharges?

(lvii) Case studies are available from Telecare Services Association.
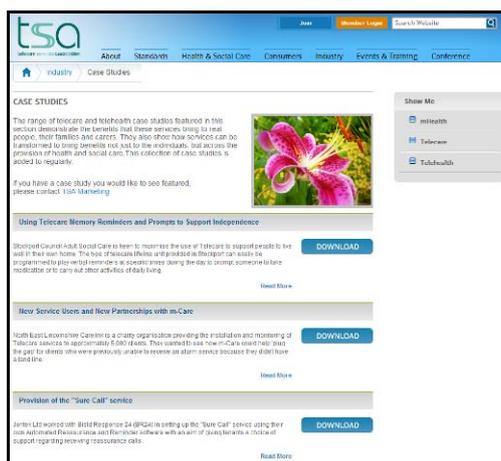
(lviii) Kevin Fenton at Public Health England blogs on 'What does the digital age mean for the public's health'?

(lix) New from Tunstall Healthcare:

- Tunstall Blog - Tunstall's telecare museum
- Tunstall Blog: Retailing telecare: have you got the retail factor?
- Tunstall advisory service
- Tunstall Blog: Personalisation and learning disability services

(lx) Kevin MD has an article on What the Uber of health care will look like.

(lxi) With the extension of personal budgets to health, Mark Wilberforce at University of Manchester asks 'Why are personal budgets not working for older people?' (Guardian article). Also, David Brindle asks 'Will the Care Act blur the distinction between health and social care?' (Guardian article).

(lxii) The Withings Aura sleep coach system went on sale and rapidly sold out (Mobihealthnews article, website).
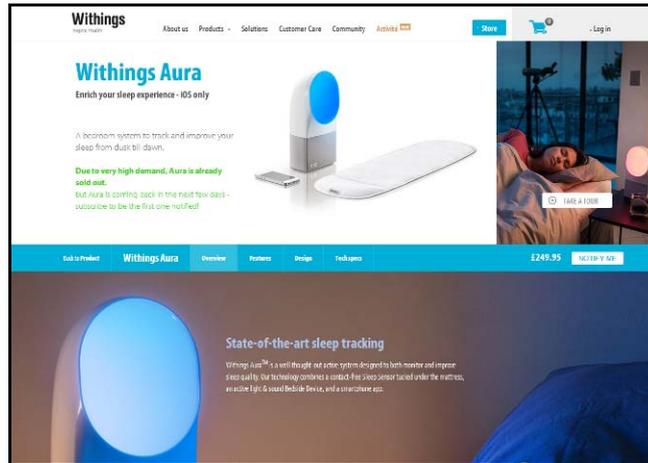
(lxiii) Mobihealthnews has an interesting article with the latest on the Gartner Hype Cycle.
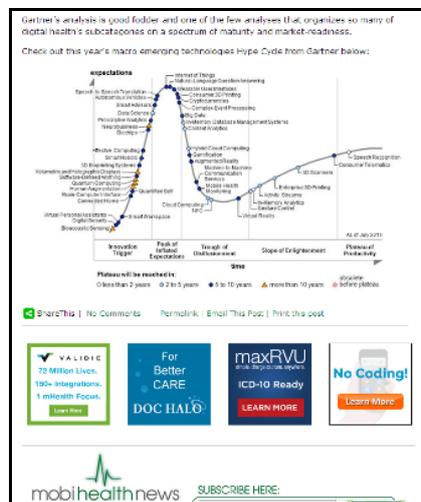

(lxiv) Remember the Star Trek Tricorder? - The ten finalists for the $10m Tricorder – x prize have been announced. Devices will have to measure vital signs and diagnose 16 conditions. Mobihealthnews has the details including the list of finalists: Aezon (Rockville, Md.), CloudDX (Mississauga, Canada), Danvantri (Chennai, India), DMI (Cambridge, Mass.), Dynamical Biomarkers Group (Zhongli City, Taiwan) Final Frontier Medical Devices (Paoli, Pa.), MESI Simplifying Diagnostics (Ljubljana, Slovenia), Scanadu (Moffett Field, Calif.), SCANurse (London, England), zensor (Belfast, Ireland).

(lxv) 9 September 2014 is the date to watch for Apple announcements – look out for iPhone and iPad with larger screens, iOS8, HealthKit, HomeKit, smart watch (Telegraph article).

(lxvi) From the U.S. – interesting discussion on Aetna's decision to close down its health tracking programme (CarePass) by the end of the year.

(lxvii) Interested in Denmark's healthcare innovation progress? - Winter 2014 edition of Healthcare Denmark now available.
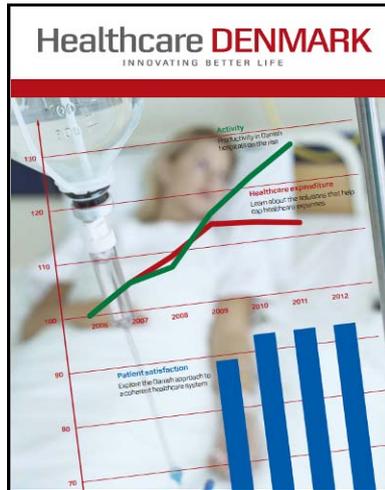
(lxviii) There are new publications from the Housing LIN.

- New blog from Jeremy Porteus
- Rachael Byrne's blog on the Care Act
- Campbell Place, Fleet, case study
- Mayumi Hayashi's case study on Japan

The Housing LIN is working with Sitra and the University of Worcester to repeat the successful dementia leaders course for the housing sector in October 2014. You can register to receive notifications of Housing LIN publications including the September 'Housing with Care Matters' newsletter.

Item 4 – Summary list of recent journal articles and evaluations

Each month, our supplement (pdf, doc) provides a comprehensive list of recent journal articles. Here are a few important links from this month's long list:

(i) Two recent studies look at telephone triage and access to medical records via GP practices:

- The impact of patient record access on appointments and telephone calls in two English general practices: a population-based study

- Telephone triage for management of same-day consultation requests in general practice (the ESTEEM trial): a cluster-randomised controlled trial and cost-consequence analysis

(ii) Two further papers are available on the WSD Trial:

- Cost-effectiveness of telecare for people with social care needs: the Whole Systems Demonstrator cluster randomised trial
- Effect of telehealth on glycaemic control: analysis of patients with type 2 diabetes in the Whole Systems Demonstrator cluster randomised trial

(iii) There is continuing debate about using RCTs and QALYs for cost-effectiveness in technology evaluations – here is a recent article on the subject:

Using QALYs in telehealth evaluations: a systematic review of methodology and transparency

(iv) Here is a selection of articles from this month's fuller listing in the supplement:

A game plan: Gamification design principles in mHealth applications for chronic disease management
A mobile-phone immunization record in Ontario: uptake and opportunities for improving public health
Telemonitoring for HF Boosts Outcomes
A pilot randomised controlled trial of a Telehealth intervention in patients with chronic obstructive pulmonary disease: challenges of clinician-led data collection
Adapting heart failure guidelines for nursing care in home health settings: challenges and solutions
An economic analysis of a nurse-led telephone triage service
'Better Health Choices' by telephone: A feasibility trial of improving diet and physical activity in people diagnosed with psychotic disorders
Better physical activity classification using smartphone acceleration sensor
Changes in office visit use associated with electronic messaging and telephone encounters among patients with diabetes in the PCMH
Do physical activity and dietary smartphone applications incorporate evidence-based behaviour change techniques?
Effectiveness of a smartphone application to promote physical activity in primary care: the SMART MOVE randomised controlled trial
Examining the use of telehealth in community nursing: identifying the factors affecting frontline staff acceptance and telehealth adoption
Experiences of front-line health professionals in the delivery of telehealth: a qualitative study

FDA Regulation of Mobile Health Technologies - NEJM

Feasibility, acceptability and potential effectiveness of a mobile health (mHealth) weight management programme for New Zealand adults

Home based telemedicine intervention for patients with uncontrolled hypertension: – a real life-non-randomized study

ICT supported healthy lifestyle interventions: design lessons

Installing Telecare, Installing Users

Instruments to assess patient satisfaction after teleconsultation and triage: a systematic review

Integrated telehealth care for chronic illness and depression in geriatric home care patients: the Integrated Telehealth Education and Activation of Mood (I-TEAM) study

Intensive Care Unit Telemedicine Program

JMU-E-collection 'Quality Evaluation and Descriptive Analysis of Multiple Existing Mobile Apps'

MACHINES THAT GO 'PING': MEDICAL TECHNOLOGY AND HEALTH EXPENDITURES IN OECD COUNTRIES

mHealth Applications for Newborn Health

Mobile applications for diabetics

Policy expectations and reality of telemedicine - a critical analysis of health care outcomes, costs and acceptance for congestive heart failure

Practicing Patienthood Online: Social Media, Chronic Illness, and Lay Expertise

Promoting self-management and adherence with strength and balance training for older people with long-term conditions: a mixed-methods study

Risk factors and early origins of chronic obstructive pulmonary disease : The Lancet

Smarter hospital communication: Secure smartphone text messaging improves provider satisfaction and perception of efficacy, workflow

Smartphone, tablet computer and e-reader use by people with vision impairment

Smartphone-based home care model improved use of cardiac rehabilitation in postmyocardial infarction patients: results from a randomised controlled trial

Social network sites as a mode to collect health data: a systematic review

Social networking-based personal home telehealth system: A pilot study

Societies Special Issue : Beyond Techno-Utopia: Critical Approaches to Digital Health Technologies

Technology must not replace human contact in drive for self care, conference hears BMJ

Technology-Based Patient Consultations: Research Findings from Haematology Patients in Regional, Rural and Remote Queensland

Telehealth for improved glycaemic control in patients with poorly controlled diabetes after acute hospitalization - a preliminary study in Singapore

Telehealth for motor neurone disease

Telemedicine - A bibliometric and content analysis of 17,932 publication records

Telemedicine and the Evaluation of Cognitive Impairment: The Additive Value of Neuropsychological Assessment

Telemedicine for Epilepsy Support in Resource-poor Settings

Telemedicine in pre-hospital care: a review of telemedicine applications in the pre-hospital environment - Springer

Telemonitoring in heart failure: Big Brother watching over you

The commodification of patient opinion: the digital patient experience economy in the age of big data

The determinants of home healthcare robots adoption: An empirical investigation

[The effect of a randomized trial of home telemonitoring on medical costs, 30-day readmissions, mortality, and health-related quality of life in a cohort of community-dwelling heart failure patients](#)
[The effect of telestroke systems among neighboring hospitals: more and better? The Madrid Telestroke Project](#)
[Trial to examine text message-based mHealth in emergency department patients with diabetes (TExT-MED): a randomized controlled trial](#)
[Twitter: an opportunity for public health campaigns : The Lancet](#)
[Use of handheld computers in clinical practice: a systematic review](#)
[Using a mobile health application to support self-management in COPD: a qualitative study](#)

Item 5 – Learning and Events

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

New - Scottish Digital Health & Care Conference – November 2014 (details to follow)

The Scottish Digital Health & Care Conference, organised jointly by the Scottish Centre for Telehealth & Telecare, the Scottish Government's eHealth and Joint Improvement Teams will form part of an overall week of activities to promote digital health and care across Scotland. This year's annual conference will be held at the Sheraton Hotel, Festival Square, Edinburgh. Further details will follow.

September 2014

Connected Health – San Diego, 4-5 September 2014
https://www.parksassociates.com/events/connected-health

Techshare Europe 2014 4 - 5 September 2014 Glasgow http://www.rnib.org.uk/techshare-europe-2014

Stanford Medicine X - Stanford 5-8 September 2014 http://medicinex.stanford.edu/

How will the digitisation of services transform health and social care? - Apply for your free place at the Guardian Healthcare Professionals Network's data seminar in London on 10 September 2014 http://www.theguardian.com/healthcare-network/2014/jul/15/digitisation-of-services-transform-health-social-care?view=desktop

NW Telecare Event – Eccles, 11 September 2014 http://telecareaware.com/wp-content/uploads/2014/08/Contour-Homes-North-West-Invitation_Layout-1-2014.pdf

http://telecareaware.com/wp-content/uploads/2014/08/Contour-Homes-North-West-Invitation_Layout-1-2014.pdf

AAL Forum – Bucharest, 9-12 September 2014 http://www.aalforum.eu/ - also United4Health Interactive Workshop "Going Live with Telehealth – Lessons Learned"

International Digital Health and Care Congress 10-12 September 2014, London
http://www.kingsfund.org.uk/events/international-digital-health-and-care-congress

TEDMED – Washington D.C. and San Francisco - 10-13 September http://www.tedmed.com/

Health 2.0 8th Annual Conference, Santa Clara 21-25 September 2014
http://www.health2con.com/ticket/health-2-0-eighth-annual-fall-conference-2/

EU Marketplace for eHealth & EIP on Active and Healthy Ageing – Brussels 22 September 2014
http://www.get-ehealth.eu/2014/07/24/eu-marketplace-for-ehealth-eip-on-active-and-healthy-ageing-22-september-2014-brussels/

Health 2.0 8th Annual Conference, Santa Clara 21-25 September 2014
http://www.health2con.com/ticket/health-2-0-eighth-annual-fall-conference-2/

UK Telehealthcare Suppliers' Forum - Westminster 23rd September.
http://www.uktelehealthcare.com/

Clinical neuroscience and telemedicine – London, 24 September 2014
https://www.rsm.ac.uk/events/events-listing/2013-2014/sections/telemedicine-ehealth-section/tee05-clinical-neuroscience-and-telemedicine.aspx

INTERFACE 2014 – The future of health: the undiscovered consumer, Vancouver, 29 – 30 September 2014 http://interfacesummit.com/

MALT Conference 2014 – The challenges and opportunities of mainstreaming technology enabled care services – 30 September 2014, Sheffield
http://www.sheffield.ac.uk/scharr/sections/hsr/rrg/maltdissemination14.

October 2014

DHACA Members Day II - 7 October, Liverpool
http://www.eventbrite.co.uk/e/dhaca-members-day-ii-tickets-12753274387

European Telemedicine Conference, Rome – 7-8 October 2014
http://www.telemedicineconference.eu/ehome/index.php?eventid=92707&tabid=201417&

Medicine 2.0 Europe, Malaga 9-11 October 2014
http://www.medicine20congress.com/ocs/index.php/med/med2014b

Next steps for integrating health and social care, and implementing the Better Care Fund, London, 14 October 2014 http://www.westminsterforumprojects.co.uk/forums/event.php?eid=828

Integrated Care Summit 2014 – London 14 October 2014
http://www.kingsfund.org.uk/events/integrated-care-summit-2014

Connected Healthcare – San Diego 14-15 October 2014
http://www.openmobilemedia.com/connected-healthcare-mhealth-usa/

Technology Enhanced Home Care Forum - Manchester 16 October 2014
http://estratevents.wordpress.com/2014/07/22/technology-enhanced-homecare-forum-brings-together-telehealth-expertise-and-innovation/

Connected Health Symposium by Partners HealthCare - Boston 23-25 October 2014
http://symposium.connected-health.org/

National Children and Adult Services Conference 2014, Manchester, 29-31 October 2014
http://www.adass.org.uk/NCAS-conference-2014/

November 2014

EHI Live – 4-5 November 2014 Birmingham http://www.ehilive.co.uk/

Internet of Things Expo 2014 - Santa Clara 4-6 November 2014 http://www.thingsexpo.com/

Innovate UK 2014 – London 5-6 November 2014 https://www.innovateuk.org/-/innovate-uk

Implementing Effective Digital Health - Flo Simple Teleheath, Stoke, 6 November 2014
https://www.eventbrite.co.uk/e/implementing-effective-digital-health-flo-simple-telehealth-061114-registration-12163761137

Scottish Digital Health & Care Conference – 6 November 2014, Edinburgh – details to follow

Health 2.0 Europe, London 10-12 November 2014
http://www.health2con.com/events/conferences/health-2-0-europe-2014/

The King's Fund Annual Conference 2014 – London, 13 November 2014
http://www.kingsfund.org.uk/events/kings-fund-annual-conference-2014

Telecare Services Association Conference, Celtic Manor Resort, Wales – 17 to 18 November 2014
http://www.telecare.org.uk/events/the-international-telecare-telehealth-conference-2014

Digital Health Conference - New York 17-19 November 2014
http://www.digitalhealthconference.com/

Connections – Amsterdam 18- 19 November 2014
https://www.parksassociates.com/events/connections-europe

Medica – Dusseldorf, 20-24 November http://www.medica-tradefair.com/

RAatE 24 November 2014 http://www.raate.org.uk/

Integrated care - how can technology help? - London, 24/25 November 2014
https://www.rsm.ac.uk/events/events-listing/2014-2015/sections/telemedicine-ehealth-section/tef01-integrated-care-how-can-technology-help.aspx

December 2014

mHealth Summit - Washington DC, 8-12 December 2014   http://www.mhealthsummit.org/

Item 6 – Other useful links

Assisted Living Innovation Platform - https://connect.innovateuk.org/web/assisted-living-innovation-platform-alip

dallas_Connect Sub Group - Join the Sub Group at: https://ktn.innovateuk.org/web/dallas

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

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

King's Fund web site – http://www.kingsfund.org.uk/topics/technology_and_telecare/index.html

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

Newsletter prepared by Mike Clark (@clarkmike) and brought to you by the Telecare LIN on behalf of the Technology Strategy Board and Healthcare KTN.

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