NEWSLETTER
July 2014

Welcome to the July 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 1900 news and events links over the last month, we hope that you find this newsletter useful.

Pressures on the health and care system continue including access to A&E and GP systems. The Health Committee has reported on the challenges facing services for people with long term conditions. NHS England would like to see more personal health budgets as well as integrated health and care budgets. Many of the 151 Better Care Fund plans will need to be revised in the Autumn as some of the local targets for hospital admissions are unlikely to be met. The recent dallas event on 'Self Care in the Digital Age' established that there is strong support for progressing this approach with appropriate technology support. There continues to be interest in wearable technology which could have health and care applications – further announcements, particularly from Apple, are expected in October 2014. A further WSD journal article covering the cost effectiveness of telecare has been published - just one of the hundreds of articles each month – a recent International Journal of Medical Informatics article on Telemedicine completed a bibliometric and content analysis of 17,932 publication records. The Digital Health and Care Alliance (DHACA) has now commenced activities – read more about the recent launch day. There are a wide range of events and conferences coming up in the Autumn including Telecare Services Association, Royal Society of Medicine and The Kings Fund Congress – read more about the details.

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 2 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 and dallas

(i) The Self Care in the Digital Age event was run in two sessions on 24 June 2014 at The King's Fund.

Left: Mi Smart House with various sensors set up at The King's Fund. Right: Capturing the conversation on social media

dallas programmes represented at the 'Self Care in the Digital Age' event

Lord Filkin opened the event which was facilitated by Winifred Robinson (BBC Radio 4 'You and Yours') and Hazel Harper (ALIP Programme)

Above: An audience vote on the key debate question

Now available -
Event videos: https://www.innovateuk.org/self-care-in-the-digital-age
Event Twitter transcript: http://bit.ly/1lNrUro

Item 2 – News from recent events

(i) Digital Health and Care Alliance (DHACA) – Members Open Day

Thanks to Charles Lowe (@LoweCM) for the event details
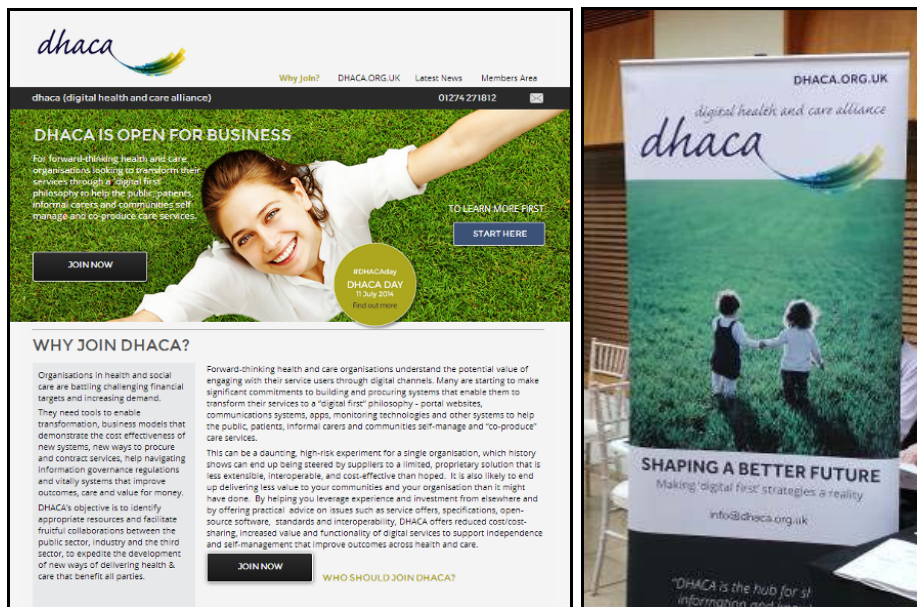
The first DHACA-Day was held on 11 July 2014 and was well-received by people attending. As a result, plans are being laid to run a second DHACA-Day in Liverpool, in early October 2014. DHACA (@dhaca_org) will notify members of the date the moment it is confirmed.

Special Interest Groups (SIGs)

A feature of the day was the after lunch work on SIGs - members, whether they attended or not, are encouraged to respond to Charles Lowe if they feel they would like to be a member of a SIG. People currently involved are:

Economic & Business Modelling

Champions: *Keren Down, Huw Jones*
Members: *Troy Clark, Simon Bramwell, Rod Hulme, Richard Silverstein, Mark Bartlett, Graham De'Ath, Alan How, Adesina Iluyemi*

Reference Architecture

Champion: *Nigel Dallard*
Members: *Thomas Buchendorfer, Simon Bramwell, Louise Parberry, Jon Devonport, Jim Charvill, Damien Hampton, Andrew Michaelson, Alan Day*

Self-care

Champion: *Hazel Harper*
Members: *Steve Barnard, Phil Stradling, Madeleine Starr, Heather Lambert, Gerry Wynne, Colin Holloway, Alyson Bell*

Medical Apps

Champions: *Phil Dylak, Charles Lowe*
Members: *Richard Stubbs, Victoria Betton, Uzair Adam, Jim Charvill, Adrian Flowerday*

Metrics & Measurement

Champion: *John Eaglesham*
Members: *Tom Davis, Adam Hoare, Katy Lethbridge*

Information governance

Champion: *Phil Stradling*
Members: *Stuart Revell, Simon Bramwell, Leonard Anderson, Carol McCall*

Scalability

Champion: TBC
Members: *Shirley Ayres, Daniel Moulin, Carol Stafford*

Of the SIG suggestions circulated beforehand, 'Procurement' and 'Silver Book' did not attract significant interest on the day.

A suggested introduction to each SIG was circulated to all members prior to the meeting and is on the DHACA website. We will shortly be creating individual pages for each SIG on the members' area of the website and will include in that the photographed output from each SIG table on the day. During August I will also endeavour to contact each SIG champion to agree a work programme involving all members of their SIG, so do please get those expressions of interest in joining a SIG flooding in soon. (I will, by the way, assume that all SIG members are happy for me to share contact details with the champion(s) – do please let me know if you do not want me to do that.)

Consultation

As briefly mentioned on DHACA-Day, the Department of Health has launched a consultation entitled 'Protecting personal health and care data'. Given all the other activity underway in DHACA, the relatively short time frame and the holiday season, we do not propose as large an exercise as we did for the EU Green Paper on mHealth where we were given much longer to respond in. Obviously we would encourage members to respond on this key topic – if you would like DHACA to produce a response on behalf of members, do please send me your answers to the individual questions as soon as possible and I will draft up a combined response. I'm also happy to arrange a meeting in the early part of the week beginning 4th August if members would like; let me know soon.

The DH consultation introduces the concept of an Accredited Safe Haven ("ASH") as the place where in the future personal information from different sources should be combined for the purposes of data analytics, which does seem a sensible way of enabling the benefits of big data whilst

recognising the need to avoid such personal information be used for purposes for which it should not. There is other stuff in there too, including the key area of case management, controlling the release of data, and equality issues. Well worth a read…and a response!

Additional resources

DHACA has recently joined the EU Action Group C2 which is part of the 'European Innovation Partnership on Active And Healthy Ageing'. They have just produced an excellent and interesting document entitled 'Deliverable 4: A Set of good practices that supports the implementation of interoperable and independent living solutions, which is now under the 'Resources' tab on the DHACA website.

Finally, we remain interested in hearing any suggestions from members on things DHACA could or should be doing – do please contact Charles Lowe via the website.

(ii) Franco-British Telehealth Symposium

Slides are available from the recent Ubifrance Franco-British Telehealth Symposium 2014 held in London in June 2014.

Trevor Single (Telecare Services Association), Hazel Harper (ALIP/TSB) and David Calder (KTN Ltd) speaking at the Telehealth Symposium in London

(iii) UK Telehealthcare

UK Telehealthcare organised a recent well-attended London marketplace event and along with Members such as Yecco were present at the London Health + Care Show at the Excel Exhibition Centre in June 2014. More information on upcoming activities is available on the website.
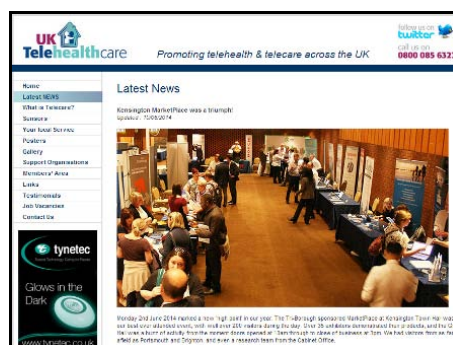
In the picture (right) Doug Miles from UK Telehealthcare is introduced by Adrian Milne of Pivotell to, on the left, Ingemar Hagerbro and on the right, Mats Ericsson, the owners and directors of Pharmacell AB in Sweden. They designed and patented the original Carousel Automatic Pill Dispenser in 1997.

Item 3 - News from Telecare Services Association (TSA)

Thanks to Mark Leivesley at TSA (@TeleServAssoc) for the latest update (e-mail Mark.Leivesley@telecare.org.uk)

(i) Northern Ireland Event Summary

The TSA partnered with the University of Ulster in putting together a Strategic Think Tank which was held in June 2014.

The Think Tank focused on 'Leading the Change' and included best practice workshops on Electronic Care Records and Interoperability and Big Data for Shared Care Services. Examples were given on the benefits that Big Data can bring, such as a tool that has been developed which uses big data techniques and a unique matching algorithm to quickly find cord blood matches for cancer patients in need of a stem cell plant.

The event was very interactive with delegates taking part in digi-polls and discussions. A report was instantly generated after the event highlighting what was discussed.

Due to the success of the event, the TSA are planning on holding more strategic think tanks and are working with the University of Ulster whilst looking into the key areas and topics that we feel would work well in that environment.

Presentations from the Strategic Think Tank can be found here.

(ii) The International Telecare and Telehealth Conference 2014

Planning for this year's conference is in full swing and we are looking forward to seeing you all at the Celtic Manor Resort in Newport, South Wales. Bookings are going extremely well and we are delighted that we are seeing an incredible 134% increase (yes 134%!) in true delegates who have booked onto conference.

The theme for this year's conference is Solutions for 21st Century Care, with a particular focus on:

- Service Integration
- Standards
- Innovation and Technology
- Business Modelling
- Leadership, Education and Training

This year will see an exciting new set of speakers and panel members. Speakers have been specifically targeted in order to give delegates a real insight into the key issues affecting the industry.

We have also sold over 65% of our exhibition stands, so if you are interested exhibition at the conference, book your stand today.

The 2014 conference programme is continuously developing and will be circulated very shortly.

If you are interested in attending this year's conference, book today to secure the Early Bird Rate.

For the latest information on this year's conference, please follow @TeleServAssoc

(iii) Getting the most out of telecare to achieve better outcomes for your customers

The TSA has developed a two day course on technology enabled care and support, which it is delivering to 150 social workers on behalf of Lancashire County Council. The course looks at how telecare can be built into a care plan and also looks into its use in the wider context of care and support. The course is aimed at health and social care professionals looking to widen their knowledge on telecare and how to apply this in their current roles. The course runs over two days and looks at risks and needs assessment, telecare knowledge and equipment, support planning, the referral process, review and evaluation and ongoing development and resources.

The themes and activities actively engage the participants to ensure there is a sound knowledge on not just telecare but wider technology care and support. The course will enable the learner to gain confidence in using technology enabled care and support and identify risks and outcomes when using and not using it.

Following its completion, the TSA will fully evaluate the course and it's content to see how it can be developed further.

(iv) Technical Special Interest Group – Telecommunications

For many years, Telecare equipment has been using Dual Tone Multi Frequency (DTMF) signalling to communicate with alarm receiving centres. For a period of time now, TSA has been receiving reports from members that they have been experiencing problems across telecoms networks with connectivity. The problems present themselves by either not connecting properly, leading to the call disconnecting and redialling, or establishing a connection, but with no speech. These problems are similar to those being experienced during testing for the BT 21st Century Network roll out.

TSA were able to obtain support from the Technology Strategy Board, via the Knowledge Transfer Network to investigate the issue. As a result, a hypothesis was suggested that the problems arise when calls are transferred from the old analogue circuits onto digital infrastructures causing problems with the DTMF signals. TSA has been in discussion with Ofcom and is trying to source evidence from members requested by Ofcom to hopefully find a solution.

Item 4 – Additional forthcoming conferences – Autumn Season

i) RSM Conference – Integrated Care – how can technology help? - 24-25 November 2014

Thanks to Charles Lowe (@LoweCM) for the conference details

With a wide range of speakers from across the world, this conference will explore the many ways in which technology can assist in the effective delivery of integrated care to improve patient outcomes, at reduced cost.

The event will cover all the principal care disciplines which so often end up failing to work together to deliver holistic care: primary care, secondary care, mental health, social care and third sector engagement. Even within each of these areas, coordinating care can be challenging when people have to rely on paper and word of mouth to communicate.

Technology offers a way of vastly improving that coordination between care-givers, especially when they are in different organisations. It also enables care to be provided in a different way, with the patient as the focus, rather than the system. A key element of this now is the ability through the internet and mHealth to engage directly with patients and their carers too, to provide a seamless support environment.

The conference will also consider some of the challenges raised by improving technological integration such as concerns about data security and information privacy that become much more significant when a single unique patient identifier is used.

This conference follows in the footsteps of the RSM's very successful 2013 conference exploring how technology could help people to age well, remaining in their own homes for longer.

(ii) The King's Fund - International Digital Health and Care Congress

Thanks to Claire Taylor at The King's Fund for the conference update

The International Digital Health and Care Congress offers a fantastic opportunity for professionals from the world of health and care services to learn more about the innovative way in which health can be improved through the use of technology.

The three-day forum will feature a diverse mixture of activities, including keynote speeches from leading international experts in the area of digital health; a poster exhibition; a pre-congress seminar for academics looking at the latest research and evaluation methodologies and considerations; and two days of plenary and breakout sessions focusing on the advancements and benefits of digital health and care.

Keynote presentations will include:

NHS England on how the NHS is embracing technology. This presentation will feature examples of some of the products and processes that NHS England is currently working on. These include the Open Source Programme which is delivering digital solutions, such as Electronic Health Records, to the care community, and the Integrated Digital Care Fund, which is supporting the effective delivery of digital health projects.

Ali Parsa, Founder and CEO of Babylon, on how Babylon's new app is changing the way people access health care services. Ali will explain how the app lets you book virtual GP consultations with professional clinicians, monitor symptoms and receive prescriptions, and what applications like this mean for the future of health care delivery

Kathleen Frisbee, Co-Director, Connected Health (Program Director) at The Department of Veterans Affairs in the US, will talk about work that the VA has done in assessing the impact of mobile health apps and predicting mobile health app use.

Breakout sessions

The breakout sessions are an excellent opportunity for delegates to hear about current digital health projects that are being delivered all over the world. The sessions are made up from more than 70 projects that have been through an extensive review process and have been selected based on their originality, quality and relevance, differing the event from others in the market.

This year you can expect to learn about projects as diverse as: *An approach to the design of internet delivered services for those near the end of life; Digital patient-controlled records in end of life care; Development of an online platform to support the self-management of symptoms and promote the wellbeing of people with cardiovascular disease.*

Networking and sharing experiences

In addition to the official congress programme there are plenty of opportunities for delegates to network with exhibitors, speakers and each other at the fringe breakfast workshops that are being run on days two and three of the event. There's also a drinks reception and the eagerly anticipated congress dinner which provides a perfect opportunity to discuss all things digital health over a three course dinner at The King's Fund's Grade II-listed Georgian Townhouse in London's West End.

You can find more information about the congress on The King's Fund's website.

If you're on LinkedIn why not join the congress Linkedin group and benefit from congress updates and popular discussions on digital health.

Item 5 - Retailing Telecare

During Easter 2013, Richard Haynes of The Community Gateway CIC took part in an interesting experiment to test the public receptivity to a telecare retail offer within a shopping mall at Sutton Coldfield. The platform for the experiment was to take part in a mainstream retail competition, competing alongside other non-telecare retail offers. Called 'Gadget Hub', Richard's effort reached the finals but sadly did not win - a good step though towards developing a new market. You can read more about the actual competition on Shirley Ayres blog with photos on flikr covering the planning and the delivery.

Richard personally clocked up more than 150 (unpaid) hours of face to face time with the public, in a shopping mall discussing expectations, perceptions and occasionally selling the odd MagiPlug or GPS device. The initiative received support from Dudley Council, Marie Spittle, West Midlands Police, Mick Brown from Stonham Mental Health, and a Councilor from Birmingham City Council, and his friend Ben Smoldon, voice for people with disabilities along with some social media coverage from @shirleyayres and @clarkmike.

Richard would like to express thanks to Just Checking, The Carephone, Easylink, and Pivotell for lending him products in order to be able to convince the judges that he did actually have a retail offer (built in under 3 weeks). He welcomes any manufacturers who wish to send demonstration kit to him to try out and review.

Richard wants to share his experience and lessons with others and has presented his initial thoughts in a mini series of four blogs – two of which have been published so far.
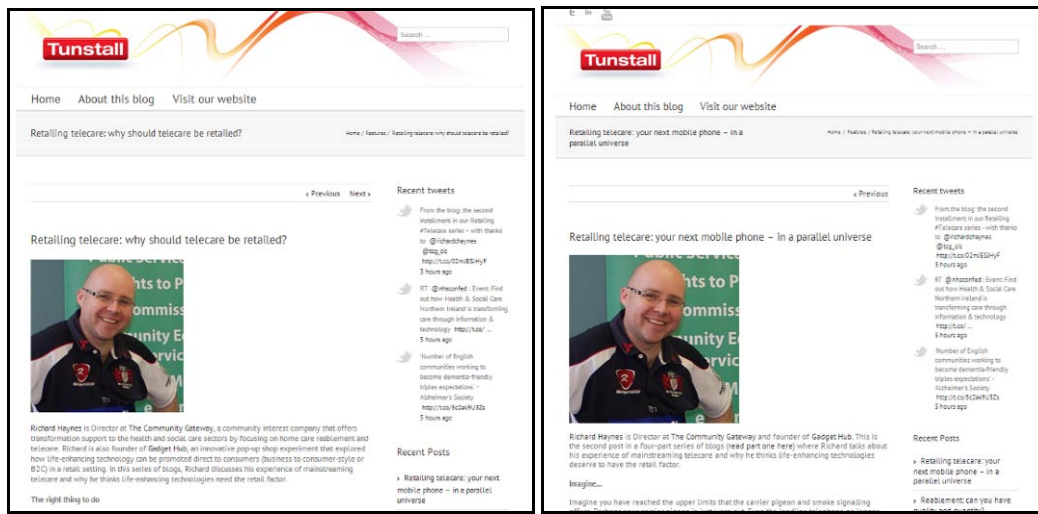
Blog links:

[Retailing telecare: why should telecare be retailed?](#)

[Retailing telecare: your next mobile phone – in a parallel universe](#)

You can follow Richard on Twitter - @richardchaynes

Item 6 – 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 [awarded](#) 30 voluntary sector projects grants totalling over £4 million as part of the Innovation, Excellence and Strategic Development (IESD) Fund and a further 11 projects have been awarded grants totalling over £1.6 million as part of the Health and Social Care Volunteering Fund (HSCVF).

(ii) The [consultation](#) on the Care Act regulations and guidance is open until Friday 15 August 2014 and centres on the changes that will come into effect from April 2015.

(iii) The Secretary of State for Health in England has laid before Parliament the first Annual Assessment of the NHS Commissioning Board (known as NHS England) 2013-14. The National Health Service Commissioning Board Annual Report & Accounts 2013-14 was also laid (HC408). The mandate to NHS England sets the Government's ambitions for the NHS as well as the funding available to achieve and deliver the care people need and expect. The Health and Social Care Act 2012 requires the mandate to be reviewed on an annual basis to ensure that it remains up to date.

(iv) The Department of Health annual report and accounts for 2013/14 have been published.

(v) The NHS Procurement Atlas of Variation shows the amount hospitals pay for everyday items including catheters, gloves and needles.

(vi) There is a new publication on Supporting adult carers through community nursing.

(vii) A consultation is underway to extend the scope of electronic prescribing – response date is 9 October 2014.

(viii) A special measures scheme has been announced for failing care homes. From October 2014, the 25,000 care home and homecare services in England will face a new inspection and rating regime. From April 2015, services rated as inadequate face being put into special measures and given a limited time period to make improvements. If they fail to improve, the Care Quality Commission will be able to close them down.

(ix) The "Healthcare is GREAT" UK digital health demonstration centre opened at Ningbo Number 2 Hospital, Zhejiang Province in June 2014. For the next 9 months, the demonstration centre will showcase digital health technologies from leading UK companies. It will allow visitors to observe, learn and interact with the participating British companies and their products and services.

(x) The government has announced legislation which introduces fundamental standards for health and social care providers. Subject to parliamentary approval, they will become law in April 2015 – areas covered include:

Fundamental standards: improving quality and transparency in care
Fundamental standards for health and social care providers
Fit and proper person's test regulations
Statutory duty of candour for health and adult social care providers

(xi) The Department of Health has [launched](#) the engagement website of Sir David Dalton's independent review into new options for providers of NHS care. The website will be open for comments until the 31 August 2014.

(xii) The Department of Health has updated [arrangements](#) for the Better Care Fund.

Up to £1 billion of the Better Care Fund will be allocated to local areas to spend on out-of-hospital services according to the level of reduction in emergency admissions they achieve. Local areas will agree their own ambition on reducing emergency admissions and they will be allocated a portion of the £1 billion performance money in the fund in accordance with the level of performance against this ambition. The remaining money from the performance pot not earned through reducing emergency admissions will be used to support NHS-commissioned local services, as agreed by Health and Wellbeing Boards.

Revised guidance for local areas to shape the further development of local Better Care Fund plans will be set out shortly. This will include information on the revised performance payment scheme, as well as specific areas where local plans need to be strengthened through providing further detail on local plans. Local areas will need to submit revised plans later in the summer, ahead of a further process of national assurance and ministerial sign off. Better Care Fund plans will launch in all local areas from 1 April 2015, as set out in the 2013 Spending Review.

14 areas that can fast-track the completion of their plans are:

- Dudley
- Hammersmith and Fulham
- Kensington and Chelsea
- Westminster
- Greenwich
- Leeds
- Liverpool
- Nottinghamshire
- Reading
- Sunderland
- Rotherham
- Torbay
- Warwickshire
- Wiltshire

(xiii) A [review](#) of choice in end of life care has been launched to make sure adults at the end of life, their carers and family have more choice. The review will be undertaken by an independently-led programme board chaired by Claire Henry, Chief Executive of the National Council for Palliative Care (NCPC) which is the umbrella charity for all those involved in palliative, end of life and hospice care in England, Wales and Northern Ireland. The board will present its findings and advice to Government in February 2015.

(xiv)The Department of Health has published '[House of Lords report on ageing: response 1 year on](#)'.

(xv) DH consultation (deadline 8 August 2014) - The government wants to hear views on proposals to strengthen controls and safeguards on the use of an individual's health and care data. People should be confident that their personal data is not open to misuse. They propose allowing a number of local organisations, to create secure safe havens, that will have access under strong controls to information from peoples' personal care records which could be used to identify an individual. These safe havens will need to be accredited by the Secretary of State for Health.

(xvi) 'New Priorities for Care' has been launched as the new basis for caring for someone at the end of their life. It takes the form of five new Priorities for Care which succeed the Liverpool Care Pathway (LCP) as the new basis for caring for someone at the end of their life. (See also Liverpool Care Pathway review: response to recommendations)

(xvii) The Department of Health has issued advice to local authorities on scrutinising health services.

(xviii) An Update to Fairer Charging Policies guidance for non-residential social services and the Charging for Residential Accommodation Guide (CRAG) has been published.

(xix) Sir Bruce Keogh from NHS England says the provision of 7-day services across the NHS is his "number one priority".

(xx) NHS England has published its first Annual Report and Accounts setting out its achievements in 2013/14 and its aspiration for 2014/15.

(xxi) From NHS England - Friends and Family Test set for roll out to all NHS services.

(xxii) NHS England and Monitor are looking at potential changes in the national tariff and payment system for 2014/15.

(xxiii) NHS England has asked CCGs to give their views on good governance. Work is going on within the Good Governance Institute to develop this important area.

(xxiv) A new interactive web resource has been launched by NHS England to support CCGs on commissioning high quality services that deliver improved outcomes for patients.

(xxv) NHS England has announced the decision to launch an open public procurement process for primary care support services.

(xxvi) Professor John Young has welcomed a new online resource launched by the General medical Council aimed at supporting doctors in their day-to-day care of older patients. The new resource gives practical advice from leading clinicians on how to put older patients first and use GMC guidance to handle their clinical, emotional and psychological needs (See also Better care of older people starts with communication and integration – John Young).

(xxvii) The NHS will offer local councils across England a radical new option in which individuals could control their combined health and social care support, Simon Stevens CEO of NHS England has announced (Telegraph article).

(xxviii) NHS England's Dementia Director, Professor Alistair Burns, has posted a video blog on the ambitions for services - by next year two-thirds of the estimated number of people with dementia should have a diagnosis and post diagnostic support.

(xxix) There are new reports from NHS England on the recent NHS Change Day (March 2014):

- NHS Change Day 2014 was the biggest day of collective action for improvement in the history of the NHS

- NHS Change Day – An unmitigated success – Dr Damien Roland

(xxx) NHS England has launched a survey on the uptake and use of the NHS Number as the primary patient identifier aimed at Trusts across all services.

(xxxi) NHS England has published 'Understanding the new NHS – A guide for everyone working and training within the NHS'.

(xxxii) A new approach to caring for dying people based on the needs and wishes of the person and those close to them has been launched and welcomed by Care and Support Minister Norman Lamb.

(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 7 – Other news

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

(i) From Community Care - 'We are getting to the point where funding is unsustainable if we want to meet need appropriately' – David Pearson, ADASS. At the King's Fund, Richard Murray asks 'what happens when the money runs out?'

(ii) From the BBC - Simon Stevens (NHS England) wants to see the frail elderly, people with disabilities and those with serious mental health problems given joint pots of money from the NHS and council-run social care services. The hope is that five million people will be offered them by 2018.

(iii) From eHealth Insider - The Health and Social Care Information Centre will release more information in November 2014 about its plans for a secure data lab for viewing patient data.

(iv) An interesting article from Wragge looks at the future of big data and proposed EU regulations.

(v) 'GPs should work at every A&E unit so that patient numbers do not overwhelm emergency departments' suggests the College of Emergency Medicine (Guardian article).

(vi) The Independent reports on Government proposals that staff could be able to take over hospitals and other NHS responsibilities and run them as new mutual companies in the style of the department store chain John Lewis.

(vii) In the last five years half a million fewer people have received state-provided care, a fall of 29 per cent, according to figures for England released by the Health and Social Care Information Centre (HSCIC) (Independent article).

(ix) eHealth Insider has a number of recent articles on care.data, record sharing and integrated care.

- E-Health Insider :: BMA votes for care.data opt-in
- E-Health Insider :: Caldicott to oversee care.data pilot
- E-Health Insider :: DH issues guidance on 'safe havens'
- E-Health Insider :: GPs call for patient opt-in to care.data
- E-Health Insider :: HSCIC warns of HES confidentiality
- E-Health Insider :: Sharing and caring
- E-Health Insider :: VistA for NHS' ready for trusts
- E-Health Insider :: Hunt calls for shared records and data
- E-Health Insider :: Kelsey says 'listen with data'
- E-Health Insider :: Lamb supports tech for integrated care

(x) The NHS Confederation responds to the recent DH update on the Better Care Fund and Richard Humphries at the King's Fund advises people to read the small print on the announcement.

(xi) Google has revealed the first Android Wear smartwatches to go on sale. From NYMag - Does Anyone Outside Silicon Valley Even Want a Smartwatch?

(xii) The Telegraph [reports](#) that under a new agreement, IBM will sell Apple devices to its corporate customers. These will be loaded with 100 business apps the two companies will develop, targeting industry-specific issues in retail, healthcare, banking, travel and telecommunications.

(xiii) The UK's first robotics strategy developed by the [Technology Strategy Board,](#) foresee around a dozen proving grounds where companies and researchers can test their robots in real-world situations to make sure they work properly and are safe for humans to be around ([Guardian article](#)). Meanwhile, there is growing interest in health and care robots – some recent links:

- ['Emotional robot' launches in Japan](#)
- [Japan's elderly warm to living dolls](#)
- [Meet the robots helping surgeons](#)
- [Meet your new colleague Bob - the robot](#)
- [Meet Cayla - the first Internet connected doll](#)
- [Robots in health & social care: Terrifying or marvellous?](#)
- [Indigogo – Jibo – World's first family robot](#)
- [The future of robot caregivers](#)
- [MIT scientists develop sensor-operated robotic fingers](#)

(xiv) Communities must be more fun for the elderly to combat loneliness, says Age UK/ILC [report](#).

(xv) For the past year Notts County Council has been equipping its social workers with Apple iPads so that they can do their virtual paperwork on the go – Community Care has the [story](#).
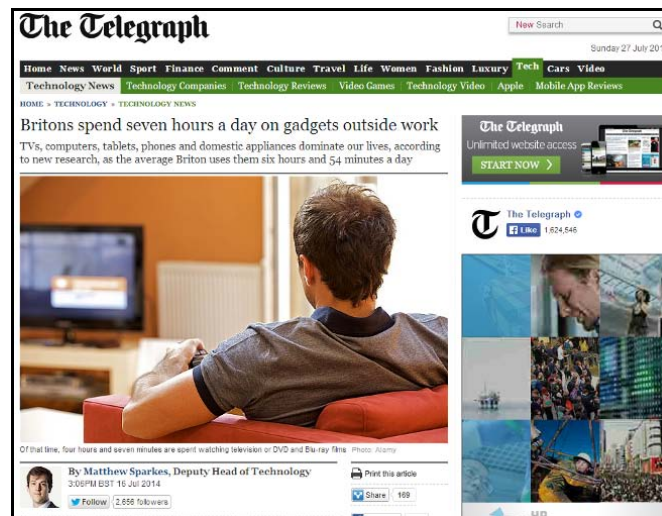
(xvi) Research suggests that Britons are spending seven hours a day on gadgets outside of work [(Telegraph article).](#)

(xvii) 'Delivering innovations in the care of older people: an opportunity to brag, steal, learn and deliver?' – a King's Fund [blog](#) from David Oliver.

(xviii) [Animations](#) on how clinicians use Flo telehealth. Also – using Flo in [Nottingham CCG](#).
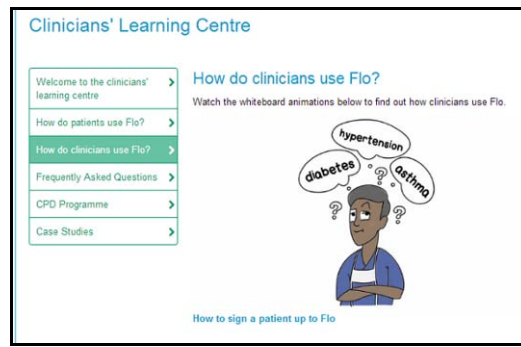
(xix) Nine in ten medical entries on Wikipedia could be inaccurate ([Telegraph article](#)).

(xx) NHS England CEO, Simon Stevens suggests that firefighters should be sent to make pensioners' homes safe to help reduce older people being treated in hospitals for falls ([Telegraph article](#)).

(xxi) Skyguard are working with Gloucestershire Telecare by issuing MySOS personal safety devices to people with dementia ([TelecareNewsOnline article](#)).

(xxii) [Guardian article](#) – 'How technology in the home can improve health and social care' – coverage of the Dallas programme - 170,000 elderly people could use products that help maintain health and independence.

(xxiii) 'Home is where the heart is - commissioning care to help older people stay at home' – new [blog](#) from Tony Hunter from SCIE.

(xxiv) How Paro the robot seal is being used to help people with dementia - The therapeutic value of robotic toy seals from Japan is being tested on older people in NHS units ([Guardian article](#)).

(xxv) In a GPOnline [interview](#), Dr Maurice Smith from Liverpool suggests that GPs must remain open-minded on digital health.

(xxvi) Steve Carefull from PA Consulting suggests that telecare needs to be brought into the mainstream (Guardian article - Hampshire programme).

(xxvii) Pulse Today has an article on the recent WSD journal article on the £297k QALY for telecare.

(xxviii) A McKinsey international survey explores Healthcare's digital future and reviews five 'myths'.

(xxix) Millions of people are being unnecessarily labelled pre-diabetic, increasing their likelihood of being prescribed drugs which will at best briefly delay the onset of the illness, say experts in a BMJ article covered by the Guardian.

(xxx) NHS England telehealth metrics are expected by October 2014 – Norman Lamb answers a parliamentary question. (nhe article).

(xxxi) NICE has unveiled plans for nursing care on hospital wards.
(xxxii) Mobile apps at Patient.co.uk

(xxxiii) Dementia cases have been declining since 1990 in England but the growing obesity epidemic could reverse that trend within a decade - Alzheimer's Association annual conference in Copenhagan (Telegraph article).

(xxxiv) Pensioners to prisoners: how telecare can treat hard to reach patients – Guardian article on Airedale Telehealth Hub. Also Airedale achieves milestone of 100th care home to get round-the-clock care on screen and article/video on the Gold Line.
(xxxv) Brain in Hand website – personal technology for independent living.

(xxxvi) Jhoots Pharmacy has partnered with Centra Pulse to share with customers the benefits of telecare technology which includes in-home personal alarms, fall detector sensors and trackable GPS devices (TelecareNewsOnline article).

(xxxvii) The Health Committee has published an important Report on 'Managing the care of people with long-term conditions'.

(xxxviii) The NHS is on the cusp of its 'iPod moment' – Matthew Swindells looks at IT in healthcare in an HSJ article (£ Subscription required).

(xxxix) New Telecare Blog from Guy Dewsbury: When technology turns to help people

(xl) From the U.S. - Bidness has an article on 5 wearables for older people and their caregivers.

(xli) mHealthNews has an article on 6 attributes of an mHealth 'super app'

(xlii) Latest news and blogs from Tunstall:

From telecare to holistic support - Sarah Sims, Project Manager for Real Life Options, talks about learning from the Transformation of Residential Care Homes (ToRCH) project.

Tunstall Launches Advisory Service to Maximise Benefits of Technology in Housing, Health and Social Care
Tunstall Advisory Service
Retailing telecare: why should telecare be retailed?
Retailing telecare: your next mobile phone – in a parallel universe
Better care in Hillingdon
Connecting health, housing, care and technology
Reablement: can you have quality and quantity?
Dementia-friendly technology charter launch at The Alzheimer's Show
Tunstall Healthcare and CSL DualCom Partner to Enhance Protection for Residents in Grouped Housing Schemes

(xliii) From the U.S. - A Review of Model Policy for Appropriate Use of Telemedicine Technologies.

(xliv) Acute and emergency care - prescribing the remedy – Report from College of Emergency Medicine.

(xlv) Using big data analytics could predict the risk for developing metabolic syndrome – Aetna/GNS study of 37,000 people. (Nuviun article).

(xlvi) From Forbes in the U.S. – 'Each day for the next 15 years, 10,000 Boomers will turn 65 and become eligible for Medicare. That's more than 3 million new beneficiaries a year. When the last of the Boomers turns 65 in 2030, nearly 20% of Americans, or some 80.9 million people, will qualify for coverage, up from 14% of the population now' – can digital health help?'.

(xlvii) Aging parents inspired entrepreneur to build a more subtle wearable for seniors – Care Predict. (MedCityNews article, CarePredict website).
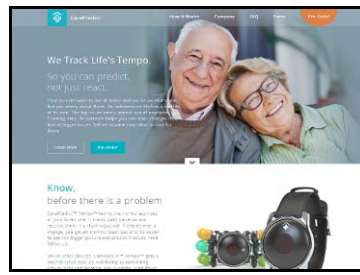

(xlviii) Berg Insight says 3.0 million patients worldwide are remotely monitored. The main application is monitoring of patients with implantable cardiac rhythm management (CRM) devices, which with 2.0 million connections accounted for nearly two thirds of all connected home medical monitoring devices in 2013. Sleep therapy and telehealth are the second and third largest segments with 0.54 million and 0.34 million connections respectively at the end of the year (mHealthNews article).

(xix) Care4Today website.
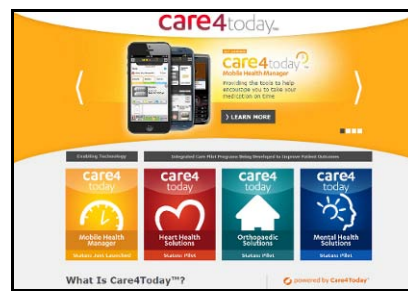
(l) Electronics and healthcare equipment maker Philips has partnered with Salesforce.com to develop a platform to support internet-connected healthcare devices (Computer Weekly article).

(li) From an NY Times blog – 'Mixed Predictions About Wearables Like Smartwatches and Google Glass'.
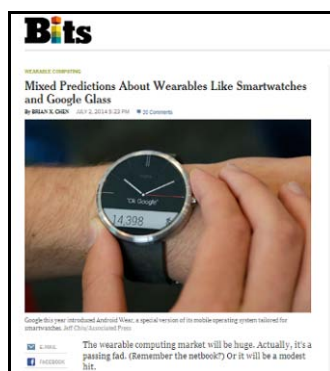
(lii) Microsoft are expected to launch a smartwatch with 11 sensors in October 2014 (Mobihealthnews article).

(liii) An InfoWorld article suggests that the mobile health apps gold rush may already be over – 'a collision between Silicon Valley's data-mining business model and federal medical privacy rules may prevent a viable market'.

(liv) Google has initiated the Baseline Study - the project will collect anonymous genetic and molecular information from 175 people—and later thousands more—to create what the company hopes will be the fullest picture of what a healthy human being should be (WSJ article).

(lv) From Mobihealthnews - Around 4.4 million members in Kaiser Permanente's 9.1 million member network are using Kaiser's online health management platform, called My Health Manager. Kaiser Permanente's health manager website had over 131 million visits last year. Through Kaiser's online and mobile health services 34.4 million lab test results were viewed online, 14.7 million secure emails were sent, 3.6 million online appointment requests were made, and 14.8 million online prescriptions were refilled.

(lvi) Researchers have estimated that in 2012-2013 there were 5.77 million A&E attendances in England that were preceded by an inability to get a timely GP appointment.

(lvii) Unplanned attendances at accident and emergency (A&E) departments in England have increased by 11 per cent (2.2 million attendances) between financial years 2008-2009 and 2012-2013. Recent reviews and research based on interviews have suggested that a reason for some attendances is that people who cannot obtain a GP appointment, or one they consider timely, visit A&E as an alternative. This is the first study to provide figures on the frequency with which this might occur.

(lviii) 2 free MH apps have been designed specifically for serving members of the armed forces and Veterans, and their families – 'Joining Forces' and 'Veterans Mental Health'.

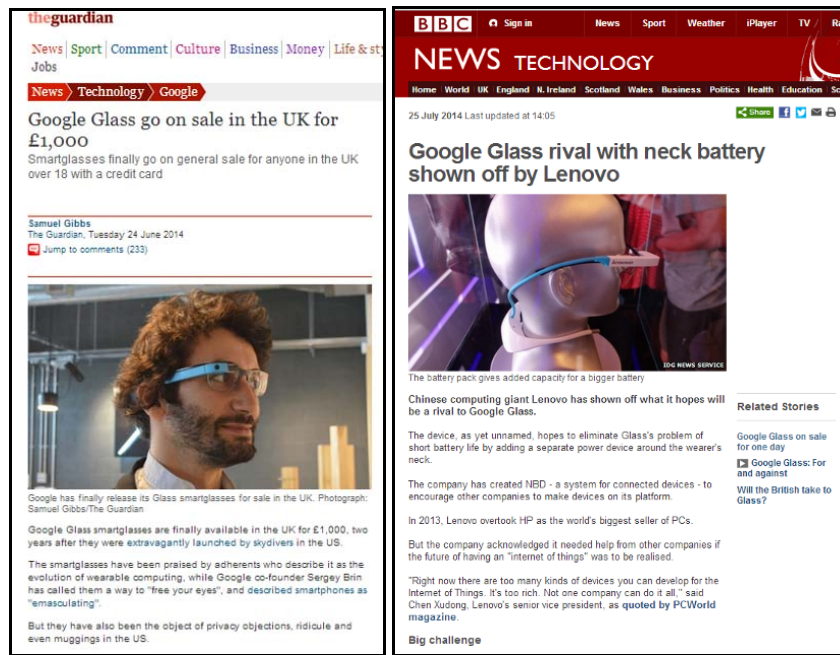(lix) A Telecare Intervention Improves Chronic Pain for VA Patients.

(lx) From the U.S. - Verizon offers telehealth consults with smartphones and tablets.

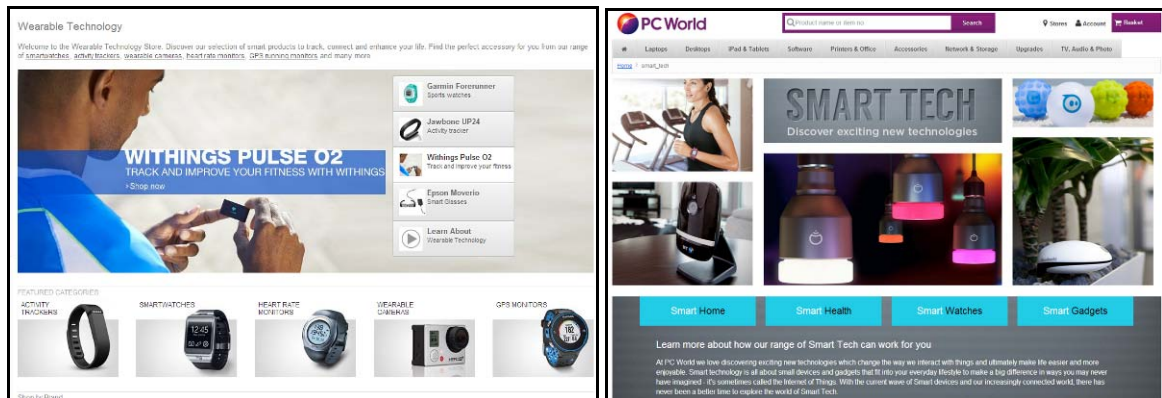(lxi) Withings is to launch a fitness tracking Swiss watch.
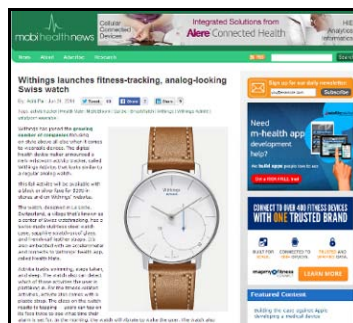
(lxii) With Google Glass increasingly available in the UK, rivals start to appear eg Lenovo. (See also Glass Explorer Programme).

(lxiii) Wearable technology at Amazon UK and Smart Tech at PC World.

(lxiv) Smartwatches will revolutionise treatment for chronic conditions – says Chris Duffey in a Guardian article and Steven Dodsworth asks What does the future hold for digital healthcare?

(lxv) An iPad-based test for early dementia diagnosis is being rolled out across 24 GP practices in Doncaster, following a pilot (EHI article).

(lxvi) Recent statistics on VA's telehealth/telemedicine programmes are available (Physicians News Network article).

(lxvii) Kickstarter campaigns were recently launched for Eimo and Sense.
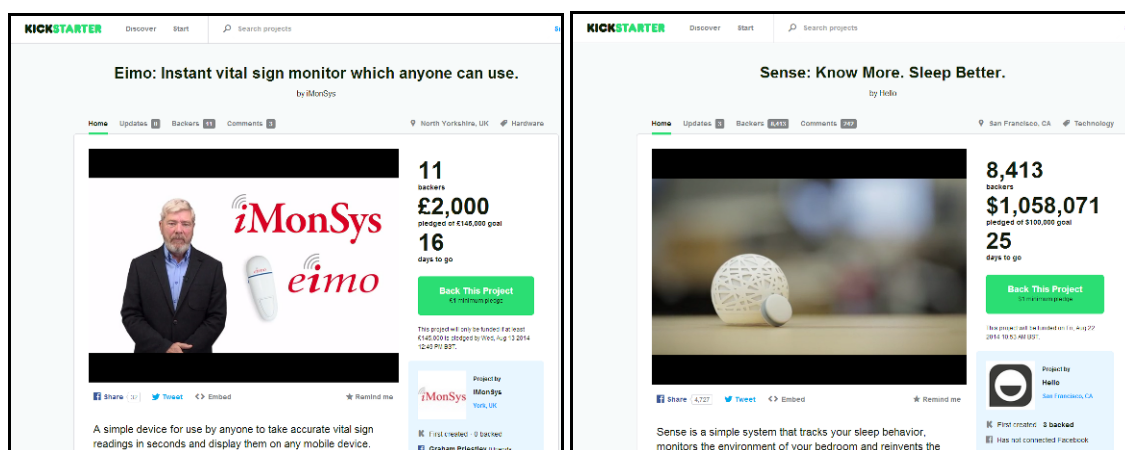
(lxviii) The Department of Health has launched a 'How safe is my hospital?' website that will let the public compare hospitals in England based on a number of safety indicators. (EHI article).

(lxix) Telemedicine can help detect a potentially harmful eye condition often seen in infants born 10 or more weeks premature, according to a new study.

(lxx) 'The problem with wearable tech is that usually people stop wearing it. A recent report suggests that one-third of users of activity-tracking put their devices aside after just 6 months. A possible solution - smaller, sleeker, more discreet devices that monitor health and wellness such as temporary tattoos, band-aids, and ingestible pills' (Fast Company Article).

(lxxi) 65 hospital trusts overspent their budgets in 2013-14, compared with 45 trusts the previous year (Guardian article).

(lxxii) Southern Health NHS Foundation Trust has launched a smartphone directory app to give patients and GPs information on local health services (EHI article).

(lxxiii) New data is available from Bristol CCG on mobile healthcare/telehealth programme (Bristol Post article).

(lxxiv) A chair cushion and smart bandages that could monitor vital signs.

(lxxv) In development – a faster/cheaper test for Type 1 Diabetes (Tech Review article).

(lxxvi) From mHealth News – 'For mHealth to succeed, we'll need standards' – a number of urgent questions need to be answered and from Forbes - Why Mobile Health Technologies Haven't Taken Off (Yet).

(lxxvii) GPS 24/7 assistance is available from Centra using the Vega watch.

(lxxviii) Growing cause for concern - The King's Fund has [released](#) its latest Quarterly Monitoring Report.
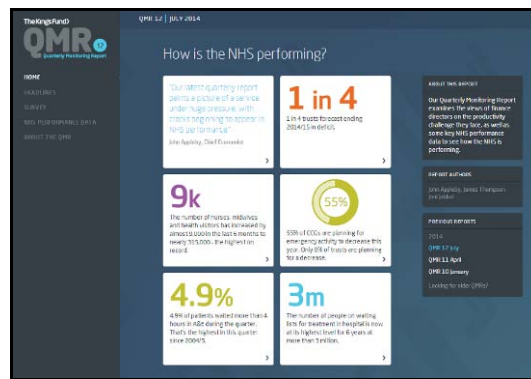
(lxxix) [Online self-help guides](#) from Northumberland, Tyne and Wear NHS Foundation Trust.
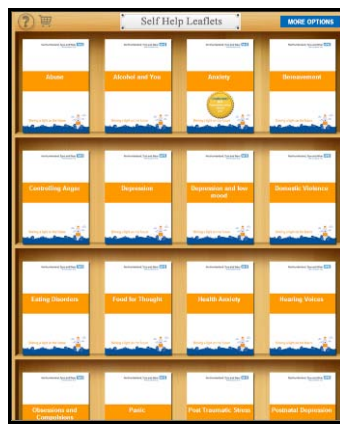
(lxxx) Around 300 families in Liverpool are using the eRedbook ([eHealthInsider article](#), [website](#)).

(lxxxi) The Helpful Things Company - website.

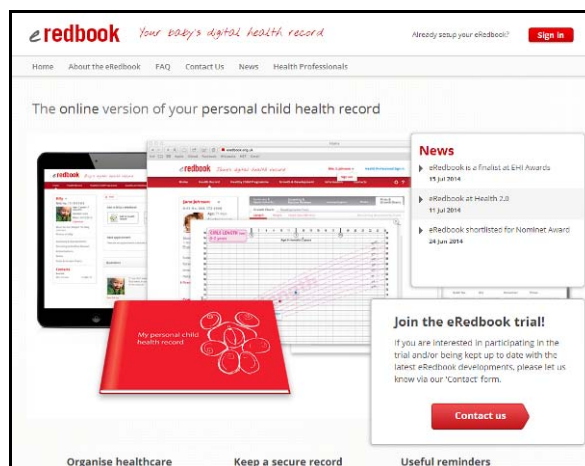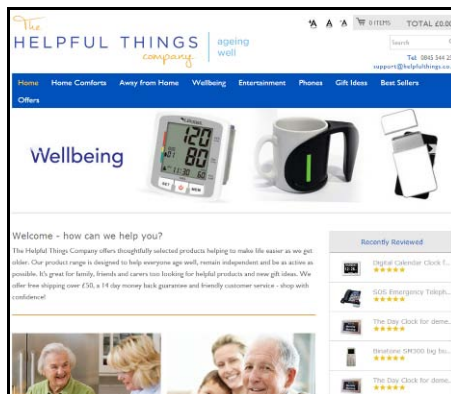(lxxxii) The Daily Telegraph in Australia reports on low take-up of telehealth video conferencing based on a 2012/13 report. As at the end of March 2014 the Department of Human Services had processed over 169,000 telehealth services provided to over 62,000 patients by over 9,700 practitioners. More than 220 residential aged care facilities had provided telehealth services.

(lxxxiii) BT's Pro 5 online telecare and telehealth catalogue.
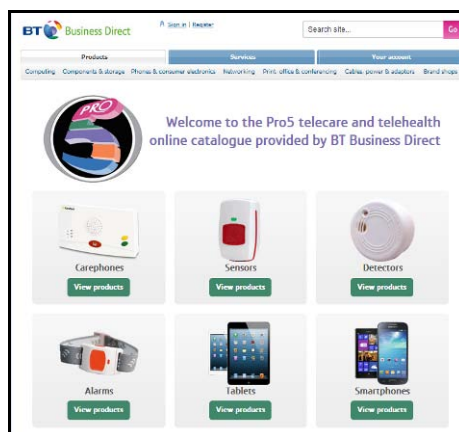
(lxxxiv) A sensor is available for monitoring patient position and activity in a hospital bed.
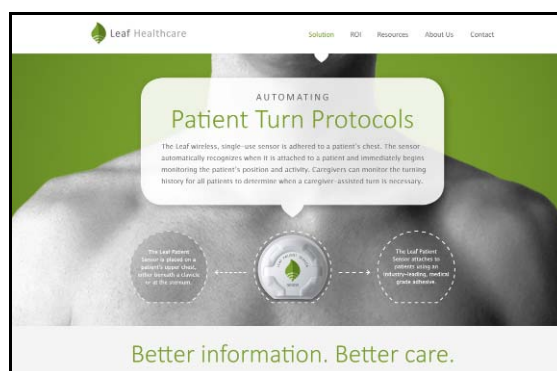
(lxxxv) 'Safe, warm, decent housing for older people - why it really matters' – New from Housing LIN.

In this Housing LIN viewpoint (no 64) Tony Watts, Chairman of the South West Forum on Ageing and the SW Housing Champion, highlights their contention that a 'joined up strategy' around older people's housing would deliver benefits to the public purse and the rest of society too. In particular, it calls for:

- Future proofing housing for an ageing society
- Engaging older people far more in the planning and design of ALL new homes & neighbourhoods
- Enabling and promote a greater choice of specialist and general housing for older people
- Truly integrating housing into the planning of health and care services
- Providing rapid access to affordable repairs and adaptations with practical help such as handyperson's services and Home Improvement Agencies, and enabling older people to make best use of their resources, and
- Providing more independent, impartial information and advice about housing, care and finance options

You can register to receive alerts and newsletters from the Housing LIN.

(lxxxvi) Innovate UK 2014 will be held on 5-6 November 2014 at Old Billingsgate, London. The Technology Strategy Board's 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.
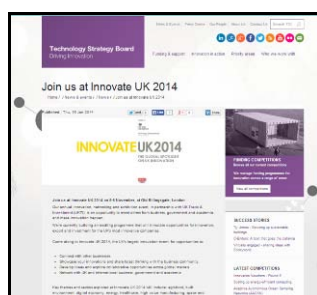
Innovate UK 2014, the UK's largest innovation event, provides opportunities to:

- 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

If you are involved in health and care and are interested in exhibiting, then use this link.

(lxxxvii) The Department of Health has [published](#) the Annual Report for 2013/14 on 'Research and development work relating to assistive technology'.

The report is produced by [FAST UK](#) (@FASTATUK) who are looking for [continued support](#) from DH to prepare this important annual document.

Item 8 – 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) A new journal article from the Whole system Demonstrator Programme is available covering the QALY (£297k) for telecare - [Cost-effectiveness of telecare for people with social care needs: the Whole Systems Demonstrator cluster randomised trial](#)

(ii) Ever wondered how many journal articles there are on telehealth, telemedicine (including mHealth, eHealth etc) - [Telemedicine - A bibliometric and content analysis of 17,932 publication records](#)

(iii) A selection of links from this month's supplement:

[A game plan: Gamification design principles in mHealth applications for chronic disease management](#)
[A smartphone application to support recovery from alcoholism: a randomized clinical trial](#)
[A Spanish Pillbox App for Elderly Patients Taking Multiple Medications: Randomized Controlled Trial](#)
[Abstracts from The American Telemedicine Association Nineteenth Annual International Meeting and Exposition](#)
[Acceptance of telecare system for older people who live alone](#)
[American Telemedicine Association Launches Online Telemental Health Course](#)

Are People With Chronic Diseases Interested in Using Telehealth? A Cross-Sectional Postal Survey

Assessment of the Cost-Effectiveness and Clinical Outcomes of a Fourth-Generation Synchronous Telehealth Program for the Management of Chronic Cardiovascular Disease

Beyond Techno-Utopia: Critical Approaches to Digital Health Technologies

Community-level determinants of obesity: harnessing the power of electronic health records for retrospective data analysis

Comparing telehealth-based and clinic-based group cognitive behavioral therapy for adults with depression and anxiety: a pilot study

Cost Benefit Analysis of Home Blood Pressure Monitoring in Hypertension Diagnosis and Treatment

Digital support for medication administration: A means for reaching the goal of providing good care?

Do physical activity and dietary smartphone applications incorporate evidence-based behaviour change techniques?

Effectiveness and cost-effectiveness of telehealthcare for chronic obstructive pulmonary disease: study protocol for a cluster randomized controlled trial

Effectiveness of a smartphone application to promote physical activity in primary care: the SMART MOVE randomised controlled trial

Experiences of front-line health professionals in the delivery of telehealth: a qualitative study

Functional Impairment and Internet Use by Seniors

Home based telemedicine intervention for patients with uncontrolled hypertension - a real life non randomised study

Mobile applications for diabetics: a systematic review and expert-based usability evaluation considering the special requirements of diabetes patients age 50 years or older

Palliative care professional education via video conference builds confidence to deliver palliative care in rural and remote locations

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

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

Proposal for a telehealth concept in the translational research model

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

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

Telehealth in palliative care in the UK: a review of the evidence

Telemedicine Application in the Care of Diabetes Patients: Systematic Review and Meta-Analysis

Telemonitoring in heart failure: Big Brother watching over you

Teleretinal Screening Program

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

Understanding the acceptability of e-mental health - attitudes and expectations towards computerised self-help treatments for mental health problems

Using a mobile health application to support self-management in COPD: a qualitative study

Using telehealth to improve diabetes management in the Hispanic population

A Technology-Based Quality Innovation to Identify Undiagnosed Hypertension Among Active Primary Care Patients

[A tele-monitoring system for gait rehabilitation with an inertial measurement unit and a shoe-type ground reaction force sensor](#)
[Can Telemonitoring Reduce Hospitalization and Cost of Care? A Health Plan's Experience in Managing Patients with Heart Failure](#)
[People with Type 2 Diabetes Achieve Superior Outcomes with Insulin Pumps vs. Multiple Daily Injections](#)
[RCT: Text message-based program boosts adherence to appointments, medication](#)

Item 9 – 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.

August 2014

Digital Health 2014 – Stockholm, 25-27 August 2014 http://www.digitalhealthdays.se/

Integrating for Better Outcomes: A Remote Participation Event 28 August 2014
http://www.sctt.scot.nhs.uk/events/integrating-better-outcomes-remote-participation-event/

Sept 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

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/

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.

Oct 2014

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/

Nov 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

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

Dec 2014

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

Item 10 – 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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