



NEWSLETTER November 2014

Welcome to the November 2014 newsletter from Innovate UK (previously Technology Strategy Board), 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 event links over the last month, we hope that you find this newsletter useful.

Pressures on health and care continue as The King's Fund reports that 60 per cent of hospitals in England are currently in deficit. With an additional £700m to support hospitals this year, attention now turns to the Chancellor's autumn statement to see whether or not more funding will be available to meet some of the expectations of October's 'Five Year Forward View'. Question marks still remain over the Better Care Fund as only six of 151 sites have been given full approval so far to proceed without any conditions or additional support plan requirements. The pooled fund arrangements previously made extensive references to the role of technology enabled care services in supporting people at home and reducing admissions – will there still be commitments in the final plans? On a more encouraging note, The National Information Board has published 'Personalised Health and Care 2020' - neither a plan nor a strategy, the document sets out existing milestones and expectations for the use of data, health records, apps, digital health and care technologies. The Autumn conference season is drawing to a close with plenty of activity recently at EHI Live and annual events from the Telecare Services Association and Royal Society of Medicine. Another successful week of telehealth & digital tech was held in Scotland together with confirmation of £10m funding. The next stage of the Long Term Care Revolution has commenced ready for the national competition next April. Along with the usual links listing, there is an extra supplement this month covering public domain links to telehealth in England (more coverage to come in December) – if you know of further projects and programmes, then do let us know.

For weekly news, updates and information, you can register with Innovate UK's [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.



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Two supplements are available this month:

- Links Supplement in two formats – [pdf](#), [doc](#)
- Telehealth links in England – [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.

THE LONG-TERM CARE REVOLUTION

Item 1 - The Long Term Care Revolution – Update

We have been keeping you up to date with The Long Term Care Revolution, with its ambitious search for radical and innovative new ideas to disrupt the current long-term care institutional model. This month we report on the launch of the latest phase: The National Challenge and an exciting announcement from CASA, one of the projects from the first phase. There is also an article in the Huffington Post, written by Creative Skills for Life's Ian Spero: [Join a Revolution in Long-Term Care Worth £5 Million for SMEs](#).

Launch of the Long Term Care Revolution National Challenge

The National Challenge was launched at Friends House, Euston on November 25th and Twitter was alive with the reactions of those present. Catch up by searching for [#LTCRevolution](#) or via the [transcript](#) courtesy of @clarkmike.

The day was off to a great start with introductions and welcomes from Innovate UK's Hazel Harper and Zahid Latif, as well as an impassioned message from Programme Lead Jackie Marshall-Balloch. The BBC's Winifred Robinson then facilitated the rest of the day.

The morning was dedicated to demonstrations of inspirational technology from the Centre for Assistive Technologies and Connected Healthcare ([CATCH](#)), [Sebastian Conran](#), [SPHERE](#) and [Bristol Robotics](#). After lunch, Robin Christopherson, Head of Digital Inclusion at [Abilitynet](#), talked about using existing mainstream technology creatively and imaginatively, so that it enables those with additional needs. A great example of this is using FaceTime for signing.



Next, [Shirley Ayres](#) launched her **provocation paper**, which asks:

“Is the current institutional model of long term care suitable or sustainable for the 21st century in a digitally connected world? If it is not fit for purpose how can we revolutionise the system or do we accept that the system is not the best but it is slowly changing and we need to give it time?”

Please take some time to read and comment on the paper, which you can find [here](#). This is expected to provoke thought and valuable debate for some time. (Photo BY @PAULBROMFORD ON TWITTER)

There were also fantastic demonstration videos from a number of the teams involved in the first stage of the Long Term Care Revolution. To remind you, these are:

- RITA
- CASA
- SALTC
- FLOURISH
- One Precious Life
- POPPINS

More information on these projects can be found [here](#), as well as an update on CASA, below.

The day closed after a participative session on ‘Developing the Vision’ facilitated by Winifred Robinson.

What’s next? – The timeline leading up to the April to Sept 2015 Grand Challenge Competition



Long Term Care Revolution timeline	
Provocation Paper	November 2014
Road Shows & Public Debates	November 2014 to April 2015
Conferences	November 2014 to April 2015
Web & Social Media	Ongoing
National Grand Challenge Competition Launch	09 th April 2015
National Grand Challenge Competition closes	2 nd September 2015

So if you want to know more look out for those roadshows between now and April 2015. These will be announced in future editions of this newsletter, but also on the [webpage](#).



Top row: Winifred Robinson, Dritan Kaleshi (SPHERE), Robin Christopherson (AbilityNet) and Bottom Row: Praminda Caleb-Solly (Bristol Robotics), Shirley Ayres and Hazel Harper (Innovate UK) at Long Term Care Revolution launch on 25 Nov 2014

CASA (Connecting Assistive Solutions to Aspirations):



“Growing out of the Long Term Care Revolution’s CASA (Connecting Assistive Solutions to Aspirations) project, a new business, Alcove, has launched its website (www.youralcove.com) and is looking to engage with potential innovation partners.

The Alcove Team has been busy turning a proof of concept into reality with a team of developers working from their office in Reading to build the Alcove back-end server which takes data from a range of smart devices, which will be used to pioneer independent living for older and disabled adults. They have also been hitting the road fundraising and were oversubscribed for their first equity funding round. They are currently carrying out a further round which they are looking to close by mid-December. Investors are definitely starting to sit up and take an interest in this previously poorly served market.

Alcove are currently working with East Thames Group to launch a small scale demonstrator introducing smart, connected technology to a range of extra care and support services in Newham. Newham Network is also involved, providing care line support which is only activated if care workers and managers are unable to respond.

Alcove plan to launch their service nationwide in 2015. Follow them on twitter @youralcove or on Facebook to keep up to date with their progress.”

We know there are many other projects out there with similar aspirations to the Long Term Care Revolution. We’d love to hear about yours. Please contact us at TeamSandstorm@advant-age.co.uk.



Item 2 – News from the Knowledge Transfer Network

Look out for these upcoming events – booking is still available.

(i) The Bionic Clinician – 9 December 2014 at techUK, London

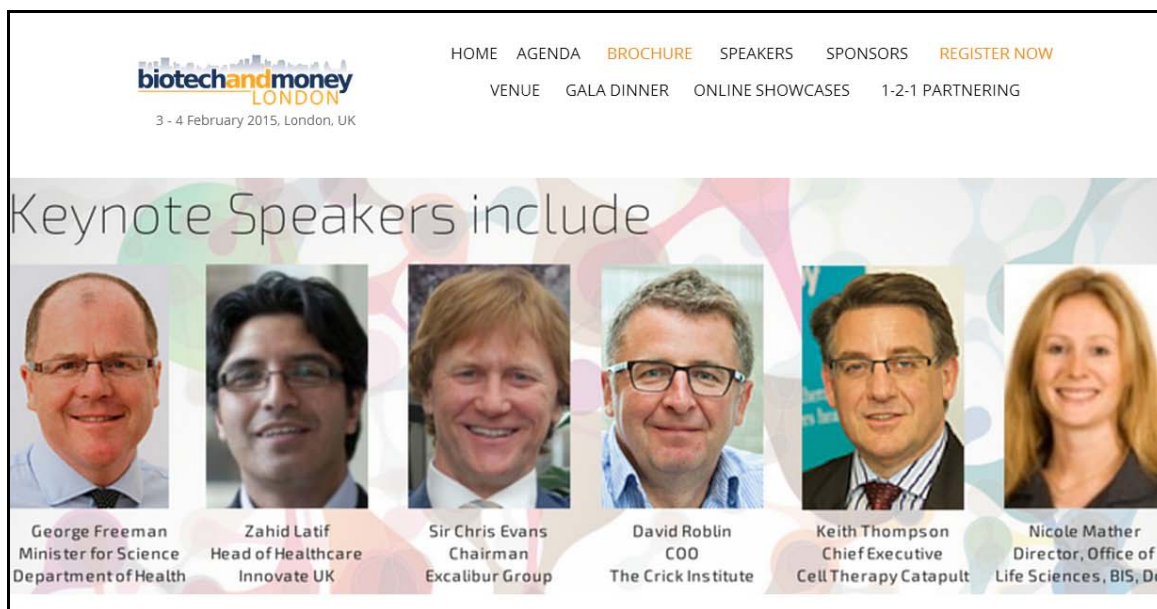
How will the human-machine interface deliver care and treatment in the future?

Healthcare delivery in the modern setting is increasingly complex and this one day seminar explores the ever increasing dependency between Clinicians and Machines.

A Clinicians great skill is to 'Sense the Patient' when making life changing decisions. The iDoctor, the Bionic Clinician, will support the real Clinician enabling better decisions and improving patient care and treatment.

[Click here for more information](#)

(ii) BioTech and Money London - 3-4 February 2014



The image is a screenshot of the 'biotechandmoney LONDON' website. At the top, there is a navigation menu with links for HOME, AGENDA, BROCHURE, SPEAKERS, SPONSORS, REGISTER NOW, VENUE, GALA DINNER, ONLINE SHOWCASES, and 1-2-1 PARTNERING. Below the navigation is a banner for 'Keynote Speakers include' featuring six headshots of speakers. Each headshot is accompanied by the speaker's name and title.

Name	Title
George Freeman	Minister for Science Department of Health
Zahid Latif	Head of Healthcare Innovate UK
Sir Chris Evans	Chairman Excalibur Group
David Roblin	COO The Crick Institute
Keith Thompson	Chief Executive CellTherapy Catapult
Nicole Mather	Director, Office of Life Sciences, BIS, Do

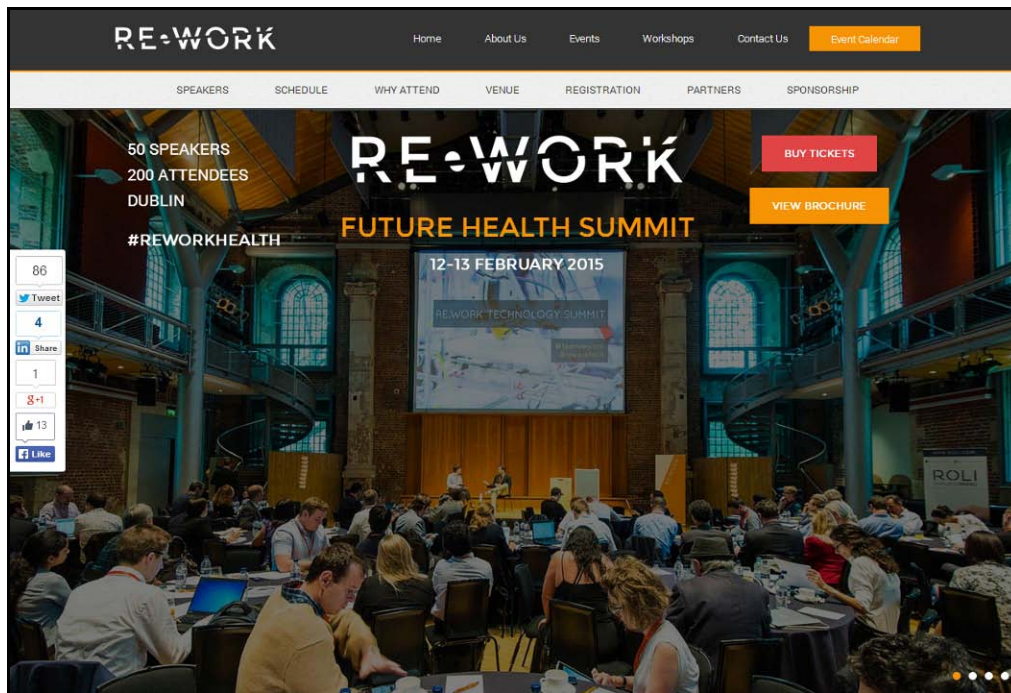
Where Bioscience Meets Money - Investors Uncover Innovation - Pharma Seek Partners

Biotech and Money London is a two-day congress providing the education, strategies and solutions you need to enable more effective funding, investment, business planning and partnering within your business.

There is a Discount code for KTN - **BMLondonSPK**

[Click here for more information](#)

(iii) RE.WORK Future Health Summit : 12-13 February 2015, Dublin



Venue: Smock Alley Theatre, Dublin

At the Future Health Summit, RE.WORK will showcase the opportunities of accelerating technologies and their impact on health and medicine. How will advancing technologies such as telemedicine, stem cells, synthetic biology, personalised medicine, neuromedicine and robotics affect our future healthcare? Learn from global experts.

Tickets: Use the **discount code HealthKTN** on all of the following ticket prices for **30% off**:

- €450.00 Early Bird tickets until 20 December
- 650.00 Standard Pass from 20 December
- €150.00 special price for Startups, Students & Academics

The topics that will be discussed include:

- Robotics
- 3D-printing
- Big Data
- Synthetic Biology
- Regenerative Medicine
- Neuromedicine
- Personalised Medicine
- Quantified Self

[For more information and to register](#)

Item 3 - Learning from the Mi (dallas) programme - Consumer Approaches to Care & Health Technology – A Lifestyle Choice

Dr Maurice Smith and Paul Clitheroe from Liverpool CCG, presented lessons learnt from [Mi \(dallas\)](#) Liverpool at the World Health & Design Forum (WHDF) in Eindhoven, 22-23 October, 2014.

WHDF is designed to:

- boost social innovation
- inspire people to join forces
- initiate crossover activity

in support of active and healthy ageing.

Moreover, the forum aims to boost wide-scale deployment of smart care and e-health solutions that increase levels of self-management and informal care of citizens. Aptly set in Eindhoven, the heart of the high-tech region of Brainport, Noord-Brabant, the forum is set against the background of the 13th edition of the [Dutch Design Week](#), the largest design event in the Netherlands with over 2,200 international and national participants and 250,000 visitors.



Since 2012, Mi has been seeking to build a consumer market infrastructure (to bring sellers and buyers together). Key components include insight research to understand not just citizen need but also their preferences and factors that influence or determine purchasing decisions. Mi has a clear idea of how the market segments which has been used to:

- map customer journeys to understand customer experience
- build demand via engagement and awareness raising via for example Community Champions, digital hubs and Health and Social Care professionals
- build demand via targeted social marketing

Mi has established real and virtual retail space inc. online shopping, virtual and real smart houses (that serve demonstration and retail functions) smart shelves in established retail environments.

Mi is creating consumer information portals – electronic product guides, trusted on-line product and service review sites, telephone advice and support etc.

Mi insight has reinforced partners belief that Health is a really hard sell because people at risk of ill health have more pressing needs to prioritise (e.g. debt or poor housing) or things they are interested in (e.g. families or shopping) – Mi therefore communicates messages about self-care, independent living and technology on the back of primary messaging attuned to people’s main needs and interests.

Key channels of communication therefore a) build upon the things Mi knows people are primarily interested in (NOT HEALTH) and b) are channelled through partners including Liverpool and Everton Football Clubs and National Museums Liverpool.

Although Mi has evidence that citizens are interested in self-care services and products, there is less evidence about the extent that interest translates into purchases and as a consequence Mi doesn’t know:

- what consumers are interested in actually buying;
- price points at which products and services should be pitched;
- perception of vfm that different products and services offer potential consumers;
- importance of service surrounding the technology;
- extent to which interest translates into purchase

Crucially, there remains a shortfall in fully understanding the retail market - both from retailer and supplier perspectives.

Retail lessons

Citizen access to consumer care and health technology is difficult. There are too many steps between being initially made aware of a product (e.g. at a smart house) and the eventual purchase, which might require a phone call to an advice line or research on the internet.

Mi is concerned that the current mainstream retail market may not be suitable for selling care and health technology. Mi experience suggests that some retailers e.g. electronic retailers, may be happy to stock a product but may not be able to provide the customer support which the technology often requires.

Experience pushes thinking towards more precise matching of specific products to specific retailers – i.e. some products are sold by one retailer – others by another. Promoting technology that aims to enhance healthy lifestyles alongside those that are more appropriate for helping people with increasing frailty and cognitive impairment may be counter-productive.

Product design also presents challenges and we have some way to go before care and health technology products will be able to sit comfortably within high street retail outlets, retailers are looking for sleeker consumer-appealing design to sit alongside their wider product range. Interestingly, small tech companies that are producing “beautiful things”, once they begin working with public sector bodies, often stop thinking about consumer markets and concentrate on selling to

the state!

Equally, there may be some products and services that simply don't fit within the parameters of the currently configured retail model.

Finally, the existence of a dual public and private sector markets complicates consumerisation of care and health technology– lack of clarity about who is and who is not entitled to receive products and services (from state provision) and uncertainty about how this may change in future, may influence consumer decisions about making purchases.

Mi Next steps

Mi intends to undertake further work to:

- differentiate between health and social care focused technology and “lifestyle” technology that can enhance health and well-being

- tailor approaches that distinguish between product and service solutions on offer and the consumers being targeted – identifying sub-sectors of the technology market (independent living, self-care, healthy lifestyles) and further refining customer group segmentation.

- understand more about pricing, impact of pricing point on demand, consumer judgments of VFM and how this changes with alternative solutions, build quality and aesthetic design.

- identify consumer solutions that are embedded within daily life as opposed to innovations that require more substantial changes in people's daily functions. e.g. sensors woven into wearable fabrics and ambient sensors built into household fixtures, fittings and appliances.

- boost retail knowledge and expertise

- explore brokering activity to provide a link and support collaboration between the state, in Mi case the NHS, suppliers and retailers.

- pursue new sales and awareness raising tactics e.g. catalogues, TV shopping channels, electronic product guides.

- develop business to business sales in the areas of workplace health and care provider market

Item 4 - News from Telecare Services Association

(i) TSA Leadership Update

Telecare Services Association has recently announced that Alyson Bell will be taking over leadership of the industry body, as part of radical changes to lead, represent and promote the evolving sector.

TSA's plans include a solid commitment to lead, represent and promote Technology Enabled Care & Support (TECS) at the highest levels and sharply-focused values including a rallying call to be bold, brave and accountable. The impending arrival of new Chair Andrew Gardner, who has top-level experience in technology, NHS primary care and TECS, is also a signal of gathering momentum.

With the TECS industry growing within an evolving sector, TSA's new leadership is changing gears and will be structured to make the most of the opportunities within an evolving health, housing and social care sector: the team is confident the influx of new expertise will maximise the benefits to members and provide a solid base for lobbying.

Alyson will continue to lead TSA in an amalgamated leadership role with immediate effect, while Andrew recently debuted as Chair at the International Telecare & Telehealth Conference which was held at Celtic Manor on 17th & 18th November.

More information can be found on the [TSA Website](#).

(ii) The International Telecare & Telehealth Conference 2014



Welsh Health Minister, Mark Drakeford addresses the conference

The Telecare Services Association recently held its annual conference, with the latest iteration taking place at Celtic Manor Resort in Newport, South Wales from the 17-18 November 2014.

The event was well attended with delegates arriving from as far away as South Korea, Zimbabwe and Trinidad & Tobago. There were a number of high profile speakers in attendance, such as Mark Drakeford, Minister for Social Care, Welsh Government, Esther Rantzen CBE, Founder of The Silver Line, Prof George Crooks, Medical Director, NHS 24, David Pearson, President, ADASS and many more.

Also featured at the conference was the Exhibition Zone which was full of the leading suppliers and manufacturers showing off the latest innovations from within the industry.

Feedback from the event has been extremely positive, with a number of exhibitors looking to secure their spot for next year's show already.

The conference was closed by Colin Jackson, Olympic Medallist, who delivered a motivational session for those in attendance.

Details and information can still be found on the conference hashtag - [#teleconf2014](#). There is also a full transcript [available](#).

Photographs and presentations from the event will be added to the [TSA Website](#) in the coming weeks.

Item 5 – 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) A major new alliance committed to improving care and support for people with long-term conditions has been [launched](#) – the [Coalition for Collaborative Care](#). With more than 15 million people in the UK living with a long-term condition, the Coalition will champion a system-wide transformation in how they receive and use care and support.

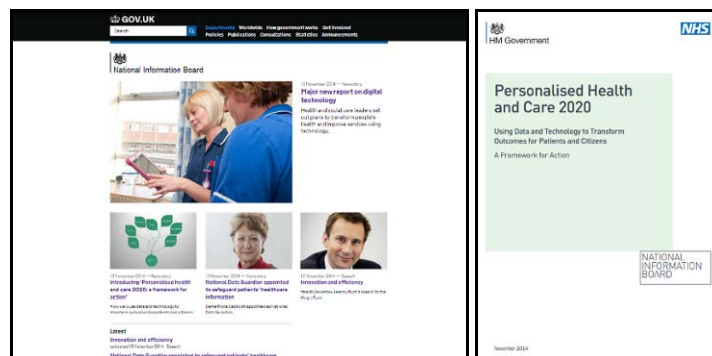


The partnership will focus on re-framing the relationship between a person with long-term health conditions and the professionals supporting them using the House of Care Model. (also see [Realising the greatest asset the NHS has – Dr Martin McShane](#) with references to telehealth).

(ii) Forty six NHS organisations have received a [share](#) of a £2.5m Regional Innovation Fund to help change patients' lives and improve care through innovation.

(iii) NHS England has [published](#) the [NHS Number Survey Report](#), a national baseline report across all Trusts on their use of the NHS Number when sharing information for direct care.

(iv) Established by the Department of Health and chaired by NHS England's National Director for Patients and Information, Tim Kelsey, the National Information Board has set out a [vision](#) for how technology should work harder and better for patients and citizens by 2020.



The vision commits to giving everybody online access to their GP records, viewed through approved apps and digital platforms, by 2015. In four years, every citizen will be able to access their health records at the click of a button, detailing every visit to the GP and hospital, every prescription, test results, and adverse reactions and allergies to drugs. Patients will also be able to record their preferences and thoughts alongside official medical notes.

Here are the links:

- [National Information Board](#)
- [Introducing 'Personalised health and care 2020: a framework for action'](#)
- [You Tube Video](#)
- [Personalised health and care 2020](#)
- [National Data Guardian \(Dame Fiona Caldicott\) appointed to safeguard patients' healthcare information](#)

(v) [From NHS England](#) - a group of people with complex, long term health conditions recently gained the 'right to have' their care delivered through a Personal Health Budget. Adults who are eligible for NHS Continuing Healthcare and children in receipt of continuing care can now ask their CCG for more control over how they manage their chronic health needs or disability. In the [first](#) of a series of blogs on the subject Dr Raj Mitra, a Lambeth GP and a member of the NHS Lambeth CCG Governing Body, explains why he believes personal health budgets will be an important option for his patients to better manage their long term health conditions.

(vi) NHS England has [launched](#) an interactive Patient Online Support and Resources Guide to help general practices deliver patient services online. Developed in partnership with the Royal College of General Practitioners, it provides practical tools on implementing a range of online services including booking appointments and ordering repeat prescriptions.

(vii) There is a new [blog](#) from Alistair Burns on dementia friendly communities.

(viii) GPs can [bid](#) for a share of £100m in the second wave of The Prime Minister’s Challenge Fund, improving access to GP services for patients.

The 20 successful wave one pilots were launched in April, as part of a £50m fund announced by the Prime Minister, and began to mobilise with early preparatory work including the development of back office functions. They were awarded sums ranging from £400k to £5m. A wide variety of ideas are now being trialed including 8am-8pm working, better use of telecare and health apps, access to appointments through e-mail and Skype, and greater flexibility with face-to-face access.

The new pilots will explore a number of ways to improve access including:

- longer opening hours, such as 8am-8pm weekdays and opening on Saturdays and Sundays;
- joining-up of urgent care and out-of-hours care;
- greater flexibility about how people access general practice;
- greater use of technology to provide alternatives to face-to-face consultations eg via phone, email, webcam and instant messaging;
- greater use of patient online services; and
- greater use of telecare and healthy living apps to help people manage their health without having to visit their GP surgery as often

The deadline for applications is 5pm Friday 16 January 2015.

(ix) Based on a two year data collection from 11 sites covering both adults’ and children’s services, NHS England is [developing](#) a currency for palliative care which focuses on patient need. The aim of the work is to provide a transparent basis for palliative care commissioning.

(x) New from Department of Health and Public Health England - [Framework for personalised care and population health](#).



(xi) Recent speeches from Health Secretary, Jeremy Hunt are available at the Department of Health website:

- [Transparent and accountable healthcare: why the culture in the NHS still needs to change](#)
- [Message to NHS staff on using technology and sharing information](#)
- [Innovation and efficiency](#)
- [Better Care Fund and improving care](#)

(xii) The [MyNHS](#) website has been formally [launched](#) to provide data on NHS performance and allow patients to compare care.

(xiii) There is an [opportunity](#) for UK organisations to access the digital healthcare market in China.

(xiv) The Adult Social Care Outcomes Framework (ASCOF) 2015 to 2016 has been [published](#).

(xv) The Department of Health in England has [published](#) Data sharing for health care professionals: guidance leaflet.

(xvi) The Department of Health has issued an [update](#) on the progress of the Better Care Fund Plans across England.

The fund was originally set at £3.8 billion but has increased significantly following additional local investment to £5.3bn. The plans hope to achieve:

- 163,000 fewer stays in A&E, resulting in a 3.07% reduction in admissions and savings of £253m
- £532m savings for health and care services
- 101,000 fewer unnecessary days spent in hospital by reducing delayed transfers of care
- 12,000 more older people still at home 3 months after being discharged from hospital
- 2,000 more people prevented from being admitted into a care home and supported to live independently

(xvii) [From the Department of Health](#), The 'Carers strategy: actions for 2014 to 2016' Explains the progress on supporting carers since 2010 and explains the main actions for the next 2 years.

(xviii) Final Care Act [guidance](#) has been published by the Department of Health as well as a series of [factsheets](#).

(xix) Scotland telehealth and telecare week in November saw the Health Secretary confirm the £10m investment to increase the number of people receiving diagnosis and treatment at home.

- [£10m NHS telecare fund to boost treatment at home](#)
- [Major Roll Out of Telehealth and Telecare Begins - Scotland](#)

Item 6 – Other news

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

(i) There has been extensive news coverage of the 'Five Year Forward View', National Information Board Report '[Personalised health and care 2020: a framework for action](#)' and Better Care Fund progress. Here is a summary from this month's links supplement to cover the main discussions.

Five Year Forward View

- [A big week for the NHS - Five Year Forward View](#)
- [Is the NHS England Five Year Forward View a Healthy Approach?](#)
- [NHS basic model to change, pledges Jeremy Hunt](#)
- [NHS boss Simon Stevens defends privatisation](#)
- [Simon Stevens interview: The NHS is a social movement and not just a health care service'](#)
- [NHS Five Year Forward View: bold promise of £22bn savings will fall short](#)
- [NHS Five Year Forward View: radical and costly surgery to provide a new lease of life](#)
- [NHS Five Year Forward View: the pressure's on to test new models of care](#)
- [Prevention will be better than care for the NHS](#)
- [NHS five-year plan document 'packs a punch'](#)
- [NHS funds rise 'tough but possible'](#)
- [The NHS calls for an extra £8bn by 2020 in order to safeguard its services](#)
- [The NHS five year forward view: the man matters more than the plan](#)
- [The NHS has 'a really bright future', says Jeremy Hunt - video](#)
- [Three key factors to make the Forward View a success The Nuffield Trust](#)
- [Transformation fund - the best answer for the NHS? The Nuffield Trust](#)
- [View on NHS funding: integrating hospital and community care is right, but it won't save money](#)
- [view on the Forward View: at last the debate the NHS deserves](#)

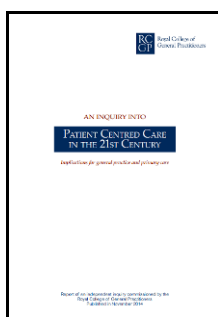
Personalised health and care 2020: a framework for action

- [Personalised health and care 2020](#)
- [Can technology plug NHS funding gap?](#)
- [21st Century Healthcare for the whole NHS](#)
- [21st century healthcare for the whole NHS](#)
- [E-Health Insider :: 2020 vision](#)
- [E-Health Insider :: App kitemarking welcomed; but needs work](#)
- [E-Health Insider :: Caldicott becomes data guardian](#)
- [E-Health Insider :: IT one of four pillars of NHS - Hunt](#)
- [E-Health Insider :: Kelsey: 2020 is a 'hard stop'](#)
- [E-Health Insider :: New push on standards in NIB framework](#)
- [E-Health Insider :: NIB aligns NHS IT with NHS policy](#)
- [Major new report on digital technology](#)
- [NHS plans 'kitemark' for health apps](#)
- [NHS promises real-time digital health and care records by 2020](#)
- [NHS to approve health care apps for GPs to prescribe](#)
- [NHS: Go digital or you won't get paid, warns Kelsey](#)

Better Care Fund

- [Planning for the Better Care Fund - National Audit Office \(NAO\)](#)
- [Response to the National Audit Office's report on the Better Care Fund](#)
- [NHS England - Board Paper on the Better Care Fund](#)
- [Care plan savings 'over-optimistic'](#)
- [Analysis: Still reasons to be sceptical about the better care fund](#)
- [Shambolic' Better Care Fund will not save NHS £1bn, watchdog warns](#)
- [The Better Care Fund: will the plans work?](#)

(ii) In June 2014, the Royal College of General Practitioners commissioned an independent panel to lead an inquiry into patient centred care in the 21st century - with the aim of identifying cost effective solutions to the medical, social and financial challenges posed by rising levels of multimorbidity. Their [report](#) has now been published.



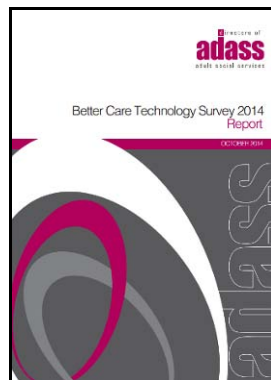
Also:

- [General practice and community care in need of radical modernisation and more investment](#)
- [General practice needs reform to beat crisis, think tank warns](#)
- [GP link to social work can save NHS £1.6bn, RCGP says GPOonline](#)
- [Is general practice in crisis? The Nuffield Trust](#)
- [Is general practice really in crisis? Moving beyond the headlines](#)
- [Is there really a crisis among GPs?](#)

(iii) A New [report](#) from the Richmond Group of Charities on the 25by25 initiative that commits governments around the world to reducing premature mortality from major preventable illness (such as cancer, heart disease, stroke, COPD and diabetes) by 25% in the year 2025.



(iv) ADASS has [published](#) a Better Care Technology Survey report.



Also:

- [ADASS survey gives national picture of telecare services for the first time](#)
- [Adult services directors want more evidence on the benefits of telecare](#)

(v) The Guardian has an [article](#) on online tools that could be used to help meet healthcare needs.



(vi) There is an [Article](#) on pioneering work taking place in Bristol and the [SPHERE project](#) (together with Universities of Reading/Southampton and other partners).



[Also from Bristol](#) - A group of researchers from the Universities of Bristol, Oxford, Edinburgh and Exeter have received funding from the National Institute for Health Research [Health Services and](#)

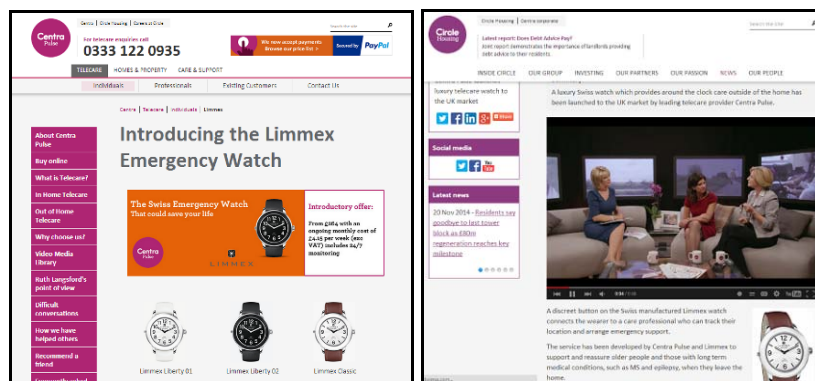
[Delivery Research \(NIHR HS&DR\) Programme](#) to investigate whether there are alternatives to face-to-face consultations that will not only reduce GP workload but also benefit patients. The £458,000 project will be exploring whether consultations could viably be conducted via email, text message, telephone or via the internet.

(vii) The Care Act 2014 commences in April 2015/16 – catch up with the latest coverage and comments:

- [Care Act 2014: A quick guide to resources to support implementation - Community Care](#)
- [Care Act 2014: Government tightens national minimum threshold plans](#)
- [People who self-fund their social care need more help from councils](#)

Meanwhile, claims for continuing healthcare are still being made - [Care claim backlog to cost NHS £250m.](#)

(viii) Centra Pulse has [launched](#) a luxury telecare watch onto the UK market.



Also:

- [Centra Pulse - How telecare can help bridge the gap between home and hospital](#)
- [Difficult conversations - New research by Centra Pulse and YouGov has found that many families may be waiting too long to discuss care](#)

(ix) The Centre for Policy on Ageing, acting on behalf of the Local Government Association, is seeking evidence of how local authorities and their partners are adopting a strategic approach to the immediate and longer-term ageing of their local population and how they are seeking to address the future needs and aspirations of older people. The [call for evidence](#) will feed into the work of a Local Government Association Task and Finish Group on local government's response to an ageing society. Responses are needed by 12 December 2014.

(x) Catch up with current tech tenders:

- [Contract Notice: Community Alarms and Telecare Service - Walsall & Wolverhampton](#)
- [Contract Notice: Community Equipment Services \(Telecare/Telehealth\) - Kent](#)
- [Contract Notice: Telecare & Telehealth Installation, Maintenance and Installation Service - Northumberland](#)
- [Supply Integrated Telecare Service for Hackney Council](#)

- [West Lothian Council Telecare Maintenance and Associated Works](#)

(xi) Incoming BGS president David Oliver [says](#) we need to tackle ageist attitudes and stop writing off older people.



(xii) More than 20% of Barcelona residents are 65 or over, according to city data, and that is expected to rise to 25% by 2040. To combat the problem the Catalan capital has come up with VinclesBCN – an app which helps at-risk elderly people, and their families and helpers, create collaborative care networks ([Guardian article](#)).



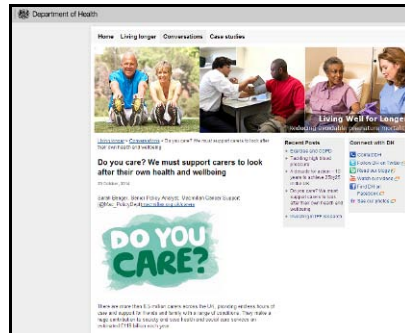
(xiii) The use of covert cameras in care environments has been controversial – here is the latest on the subject:

- [Covert care camera guidance approved](#)
- [CQC moves ahead with hidden camera guidance](#)
- [Care Quality Commission to publish information on the use of cameras to monitor care](#)

(xiv) The Guardian has an [article](#) on the Freestyle Libre for people with diabetes. Instead of pin pricks and test strips, a small plastic sensor is stuck to the upper arm, with a tiny probe puncturing the skin. A handheld reader displays the data when it is passed over the sensor. As well as giving instant readings, it can log what has been going on overnight and produce graphs showing long-term data.

This can help users to identify patterns of highs and lows and adjust their diabetes care accordingly. Meanwhile Diabetes UK reports that many people are not getting prescriptions for test strips.

(xv) There are more than 6.5 million carers across the UK, providing endless hours of care and support for friends and family with a range of conditions. They make a huge contribution to society and save health and social care services an estimated £119 billion each year – are we doing enough to support their health and wellbeing? ([DH Living Longer website](#)).



(xvi) Is digital health leaving older people behind - A University of Michigan [study](#) has found older Americans are not comfortable with electronic health records (EHRs) in large part due to low health literacy rates. According to study findings, less than one third of Americans over the age of 65 access the internet for health information and are unlikely to use electronic health records (EHRs), and less than ten percent of seniors with low health literacy go online for health-related matters.

(xvii) [Results](#) from a pilot study at The Royal Free Hospital involving a remote patient monitoring device called Lifetouch at the Liver Unit have been released. The device was able to assess heart rate variability (HRV) remotely on patients admitted to hospital suffering with an acute deterioration of advanced cirrhosis. Doctors from The Institute for Liver and Digestive Health (University College London) then correlated the data with the severity of the disease and inflammation.

(xviii) Interested in the possibility of care robots and devices discussed at the recent Long Term Care Revolution event? - there is more in this [Guardian article](#).



(xix) 'We are on the brink of a personalised healthcare revolution as modern technology drives improvements in healthcare that could scarcely have been predicted a few years ago' – [says](#) Health Minister, Dr Dan Poulter who recently visited the Airedale Telehealth Hub. By 2018 nearly three million people are expected to have at least three long-term medical conditions like diabetes and dementia, resulting in growing demand and pressure on health and care services.



According to Dan Poulter – 'Targeted investment in healthcare technology can deliver both better care for patients, whilst at the same time freeing up more money to provide that care, by helping keep people well and better supported in their own homes and communities. Technology has the power to radically transform the way we deliver healthcare by empowering patients to take a more active role in their own health'. (Also, from the Guardian - [iPhones and technology will 'revolutionise' NHS](#))

(xx) eHealth Insider is a good resource for healthcare IT, mobile health, tele and digital health – some of the latest links:

- [E-Health Insider :: £1 billion PCS tender issued](#)
- [E-Health Insider :: Another view: of support chat](#)
- [E-Health Insider :: Choices and 111 reach usage milestones](#)
- [E-Health Insider :: King's Fund forecasts hard winter](#)
- [E-Health Insider :: NHS 24 IT system late and over-budget](#)
- [E-Health Insider :: NHS heading into the red - NAO](#)
- [E-Health Insider :: NHS wi-fi access 'up, but not by enough'](#)
- [E-Health Insider :: Nursing Tech Fund 2 open](#)
- [E-Health Insider :: Perinatal Institute launches MiApp](#)
- [E-Health Insider :: Philips launches breast cancer care app](#)
- [E-Health Insider :: Physicians must lead IT - Kaiser chief](#)
- [E-Health Insider :: Publish data or else - Keogh warns docs](#)
- [E-Health Insider :: Royal College backs eRedbook](#)
- [E-Health Insider :: Surgery outcomes data published on MyNHS](#)
- [E-Health Insider :: Tech grant for Poole epilepsy project](#)

(xxi) The Samsung SIMBAND reference wearable is now [ready](#) for developers along with Gear smartwatch and wristband with numerous biosensors.

(xxii) The Chartered Society of Physiotherapists has an [economic modeling tool](#) to look at the cost of falls – better commissioning could prevent falls as well as save money.

(xxiii) Caerphilly start-up ‘nudjed’ is the first company to get backing from the £7.5m Wales Technology Seed Fund ([WalesOnline Report](#)).

(xxiv) [From TelecareNewsOnline](#) - Gloucestershire Telecare has invested in 90 of Skyguard’s MySOS personal safety devices for those under their care. The alarms incorporate GPS and mobile phone technology.

(xxv) In Birmingham, Digital Life Sciences is pioneering what this future primary care model could look like, in partnership with a GP “super practice”, the Vitality Partnership. They have launched a clinical contact centre or hub that can be accessed via the web, phone or a dedicated mobile and tablet app for a local population of 60,000. ([Guardian article](#)).

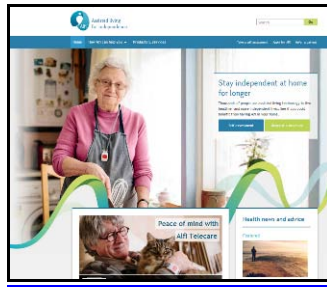


(xxvi) One in six councils are not expected to deliver services within budget this year, and more than half of all councils are at risk of financial failure within the next five years, a [report](#) from NAO says.

(xxvii) The Guardian has a new [article](#) on ‘How digital technology is transforming social care’.



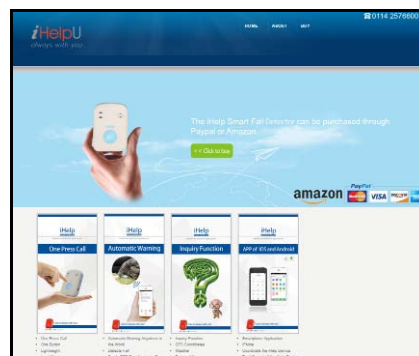
(xxviii) Two case studies from Cornwall's 'Assisted Living for Independence (ALFI) programme are available.



- [How Alfi helps Brian with supported living mental health](#)
- [How Alfi helps Rachel with supported living learning disabilities](#)

There is also a Guardian [article](#) on telecare in Hampshire, whilst Community Care has an [article](#) on Havering telecare.

(xxix) Telecare and digital tech products are available from [iHelpU](#).



(xxx) A BMJ article ([reported](#) at The Independent) suggests that infant heart-rate monitors have no proved medical use (they are not medical devices).



(xxxi) The closing date for the [second round](#) of the NHS England Nursing Technology Fund is 2 December 2014. It expects to hand out £20m-£25m in 2014/15, and £10m-£15m in 2015-16, with a strong focus on giving nurses access to information at the bedside and out in the community.

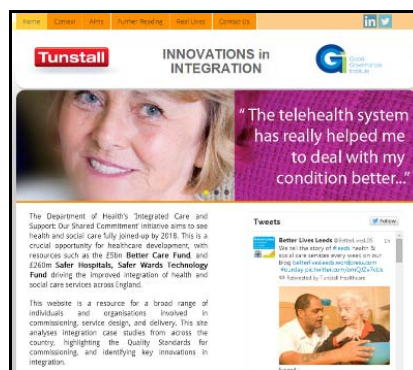


NHS England are inviting applications that are aligned with one or more of the following technology-enabled capabilities:

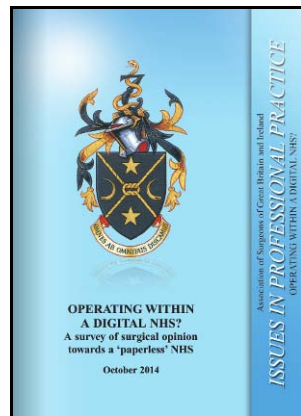
- Mobile access to digital care records across the community
- Digital capture of clinical data at point-of-care
- Digitally-enabled observations management
- Real-time digital nursing dashboards
- Remote face-to-face interaction
- Digital images for nursing care
- Equipment tracking and monitoring
- Safer clinical interventions
- Smart workforce deployment
- Digital transformation of pre-operative assessment

Organisations eligible to apply include NHS Trusts and Foundation Trusts, Local Authorities and Voluntary, Community and Social Enterprises (VCSEs). Further details are provided in the Prospectus.

(xxxii) There is a new [website](#) from Tunstall and the Good Governance Institute – ‘Innovations in Integration’.



(xxxiii) The Association of Surgeons in Great Britain and Ireland has a new [publication](#) on 'Operating within a Digital NHS'



(xxxiv) With pressures continuing on the NHS, Jeremy Hunt urges patients to visit pharmacists and not A&E. The NHS in England should be given £2bn more next year, the King's Fund health think tank has said. Calls for extra money for the service are intensifying after the latest figures showed the deficit growing as performance deteriorates. Halfway through the 2014-15 financial year the service's deficit had reached £630m - up from £500m a few months ago ([BBC](#), [King's Fund](#)).

Also:

- [NHS must use fewer temporary staff and sell land to save £10bn, says Hunt](#)
- [NHS needs bigger budget rises to ward off perfect storm, says watchdog](#)
- [NHS needs expertise but does not want to pay for it](#)
- [NHS 'needs extra cash and overhaul'](#)
- [NHS will 'crash' without emergency £1.5billion funding next month, says health minister](#)
- [Public warned to keep away from hospitals as pressures mount](#)
- [Quarterly monitoring report from the King's Fund](#)
- [Winter crisis in A&E: Hospitals declare 'black alerts' as admissions shatter records, but full stats still unpublished](#)

(xxxv) The guardian has an article on Live-in nursing – could it help older people stay at home? ([Guardian article](#)).

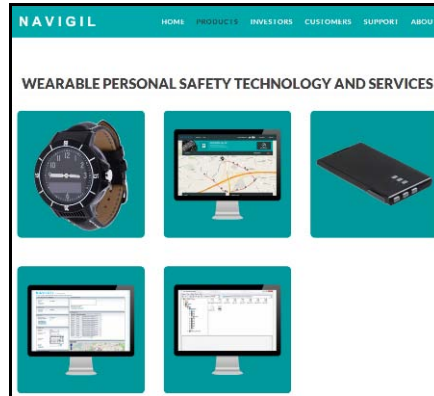
(xxxvi) Microsoft has unveiled its first wearable device that can track a user's sleep and exercise as well as connect to a health service on smartphones. The Microsoft Band will retail for £125. The device can operate for two days on a single charge and has 10 sensors that can track heart rate, calories, stress and even a person's sun exposure ([BBC News](#)).

(xxxvii) New investment into life sciences has been [announced](#) alongside a review into how the UK develops medicines and medical technology.

(xxxviii) The NHS Choices website has [clocked](#) up a billion visitors.

(xxxix) Physiotherapists are to use telehealth at Guy's and St Thomas' NHS trust's new respiratory centre ([News](#) from The Chartered Society of Physiotherapy)

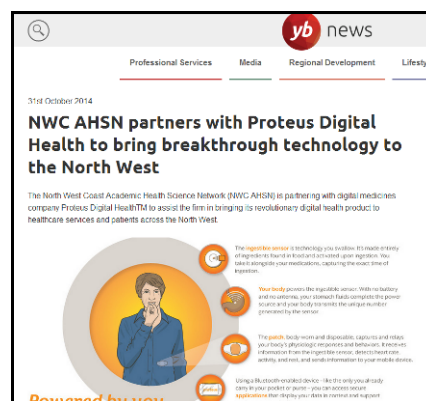
(xli) Navigil's Wearable Telecare Solution has been Launched in the UK ([Press Release](#), [website](#)).



(xli) From NHS Clinical Commissioners – a [report](#) on creating an equal partnership with CCGs in health and wellbeing boards.



(xlii) The North West Coast Academic Health Science Network (NWC AHSN) is partnering with digital medicines company Proteus Digital Health™ to assist the firm in bringing its revolutionary digital health product to healthcare services and patients across the North West ([yb News](#)).



(xlili) The worldwide cost of obesity is about the same as smoking The McKinsey Global Institute has said that globally the obesity cost is £1.3tn, or 2.8% of annual economic activity - it cost the UK £47bn ([BBC News](#)).

(xliv) One in six GP surgeries in England is at risk of offering patients poor care, including trouble getting an appointment and being given out of date medicine, the NHS care watchdog has warned. About 1,200 practices potentially put patients either at “risk” or “elevated risk” through inadequate care, according to the Care Quality Commission (CQC) ([Guardian article](#)).

Also:

[Our intelligent monitoring of GP practices](#)

[Care Quality Commission and Patients in England can compare quality of GPs surgeries for first time](#)

Meanwhile, there is a new [report](#) on Out-of-hours GP services in England.

(xlv) There is a new [report](#) from The King’s Fund – ‘People in control of their own health and care – the state of involvement’.



(xlvi) Treating common ailments like coughs and colds at community pharmacies could save the NHS over £1bn a year, the Royal Pharmaceutical Society claims. A study carried out by the body concluded such a move would reduce the number of accident and emergency visits by 650,000 and GP consultations by 18m ([BBC News](#)).

(xlvii) Preparing for the digital health revolution - The convergence of life sciences and technology heralds a new era for healthcare - Are our legal and ethical frameworks ready for the transformation? ([Guardian article](#)).



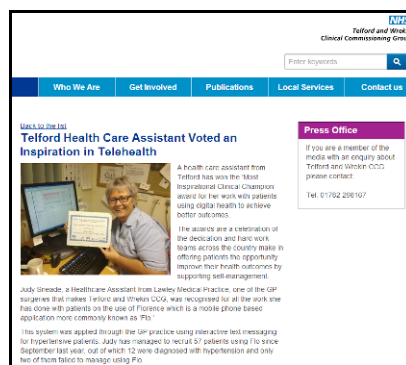
(xlviii) The challenge of developing apps – what happened to the Samaritan app?

- [Samaritans app flags worrying tweets](#)
- [Samaritans launches app to spot 'calls for help' on Twitter](#)
- [Samaritans pulls 'suicide watch' app](#)
- [Samaritans pulls suicide watch' Radar app over privacy concerns](#)

(xlix) There is a new [report](#) from Public Health England – ‘Tackling high blood pressure - From evidence into action’.

(i) [Highlighted](#) on the Public Health England website - Stoke-on-Trent: telehealth helps patients manage their own conditions.

(ii) A Telford healthcare assistant has won an [award](#) for her work on Florence Telehealth.



(iii) With much discussion about wearables, what makes the perfect device? ([Wearable Technologies article](#)). (Also - [Top 10 Implantable Wearables Soon To Be In Your Body](#)).

(iiii) HACT'S Chief Executive Matt Leach [discusses](#) how the next wave of new technology will transform housing on a scale we've never seen before.

(liv) The Living Well pioneer project in Cornwall devised by Age UK helps older people play an active role in the community ([Guardian article](#)).

(lv) The Care Quality Commission is now ranking GP surgeries and mental health trusts:

- [Watchdog ranks GP surgeries by risk](#)
- [Watchdog ranks mental health trusts](#)

(lvi) The discussions over when apps become a medical device or need regulating continue – two recent articles:

- [When does a health app become a medical device?](#)
- [When does an app need regulating?](#)

(lvii) So where is all of the data going from the activity trackers, devices and apps – BBC article on [Who owns our mobile health data?](#)

(lviii) From the United States - Tunstall reports on telecare [success](#) through its partnership with Walgreens pharmacies.

(lix) In its first year, a free 24-hour UK helpline for the elderly has been inundated with calls about loneliness. Founded by Esther Rantzen and aided by the Big Lottery Fund, the Silver Line took nearly 300,000 calls, and most were about feeling lonely or isolated. More than half of callers told the helpline they had nobody else to talk to. Some also called to report abuse or neglect in their homes or in residential care. ([BBC article](#)).

(lx) TPP has [announced](#) that SystmOne is now integrated with Skype.

(lxi) [Mobihealthnews](#) - Always a good resource for mHealth and digital health news.

The image shows three screenshots from the Mobihealthnews website. The first screenshot is an article titled "AICure clinical trial seeks to validate smartphone camera-enabled medication adherence" by Josh Comstock, dated Nov 25, 2014. The second screenshot is an article titled "Two-thirds of Americans willing to share health data with researchers" by Josh Comstock, dated Nov 25, 2014, which includes a bar chart titled "Worries About Health Records By Location" showing percentages for Insurer (16%), Hospital (14%), Doctor (11%), and Employer (10%). The third screenshot is an article titled "Study: 19M fitness wearables in use today, to triple by 2018" by Josh Comstock, dated Nov 25, 2014, which includes a pie chart titled "Smart Fitness Wearable Devices in Use per Annum 2010-2018" showing market distribution by region.

(lxii) New [research](#) from Independent Age and the Strategic Society Centre reveals that over 2 million pensioners struggle with the most basic day-to-day tasks. Meanwhile, 70,000 of the most disabled pensioners do not get any form of paid or unpaid care at home.

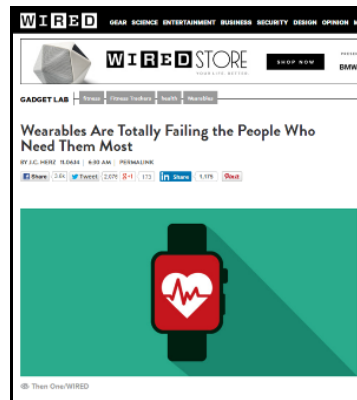
The image shows the cover of a report titled "The Bigger Picture: Policy insights and recommendations" by James Lloyd, dated November 2014. The cover features a colorful abstract graphic of overlapping squares and rectangles in shades of red, orange, and blue. Logos for The Strategic Society Centre and Independent Age are visible at the bottom.

(lxiii) 10 Predictions for Digital Health in 2015 - A new IDC FutureScape [report](#) from IDC Health Insights provides organizations with perspectives on long-term industry trends along with new themes that may be on the horizon for 2015.

(lxiv) In the U.S. telehealth goes retail via pharmacies and supermarkets with Mayo Clinic, Kaiser, Florida Blue and many other healthcare organizations involved:

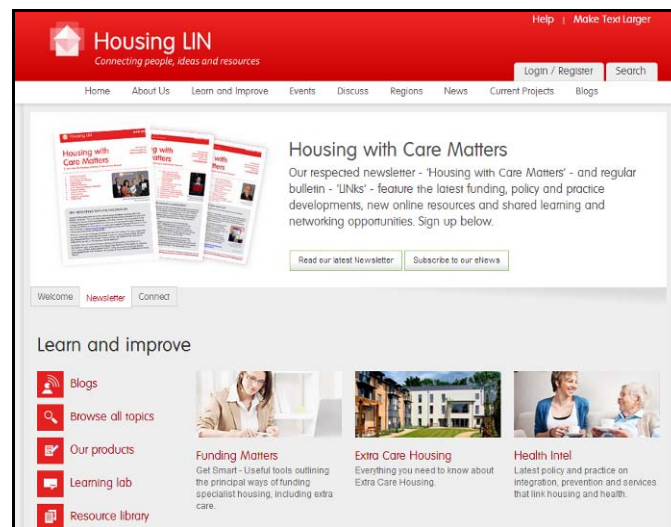
- [Florida Blue installs telehealth kiosk in south Miami](#)
- [GreatCall phone to be sold in 4,000 Rite Aids, pharmacy app preloaded](#)
- [HealthSpot teaming with Mayo Clinic and Cleveland Clinic in latest deployments of its telemedicine booths](#)
- [HealthSpot, RiteAid Announce Plans to Pilot HealthSpot Stations](#)
- [Kaiser expands clinic services to Target stores - Modern Healthcare](#)

(I xv) An interesting [article](#) from WIRED – ‘Wearables are totally failing the people who need them most’.



(I xvi) There is a new Tunstall [blog](#) from Zoe Belford on 10 tips for occupational therapists using assistive technologies for people with learning disabilities.

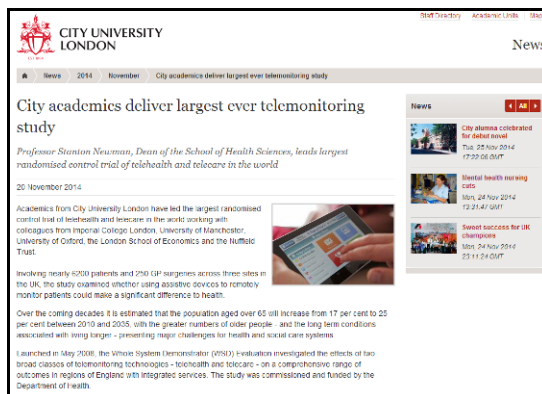
(I xvii) Don't forget to catch up with the latest [news](#) from Housing LIN – next eNews in early December.



Item 7 – 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:

The final [report](#) of the Whole System Demonstrator Programme is now available.



[Study: Move to Digital Health Care Could Leave Some Elderly Behind](#)

[A cascade of care for diabetes in the United States: visualizing the gaps](#)

[A case study approach to the examination of a telephone-based health coaching intervention in facilitating behaviour change for adults with Type 2 diabetes](#)

[A case study of the New York City 2012-2013 influenza season with daily geocoded Twitter data from temporal and spatiotemporal perspectives](#)

[A framework for community ownership of a text messaging programme to improve adherence to antiretroviral therapy and client-provider communication: a mixed methods study](#)

[A telemedicine program for diagnosis and management of sleep-disordered breathing: the fast-track for sleep apnea tele-sleep program](#)

[Are Telehealth Technologies for Hypertension Care and Self-management Effective or Simply Risky and Costly?](#)

[Assessing the availability and quality of online self-help videos: A pilot study with a focus on Parkinson's disease](#)

[Association between different types of adverse events and telemedicine health care interventions: a meta-analysis](#)

[Clinical and psychological telemonitoring and telecare of high risk heart failure patients](#)

[Clinicians' perceptions of digital vs. paper-based decision support interventions](#)

[Depression screening via a smartphone app: cross-country user characteristics and feasibility](#)

[Do cancer helplines deliver benefits to people affected by cancer? A systematic review](#)

[Does telecare prolong community living in dementia? A study protocol for a pragmatic, randomised controlled trial](#)

[Economic Evaluation of a Multifactorial, Interdisciplinary Intervention Versus Usual Care to Reduce Frailty in Frail Older People](#)

[Effect of medication adherence on blood pressure control and risk factors for antihypertensive medication adherence](#)

[Effect of mobile telephone reminders on treatment outcome in HIV: evidence from a randomised controlled trial in India](#)

[EHRs as a Public Health Tool at the Point of Care](#)

[Feasibility of AmbulanCe-Based Telemedicine \(FACT\) Study: Safety, Feasibility and Reliability of Third Generation In-Ambulance Telemedicine](#)

[Health Literacy and the Digital Divide Among Older Americans](#)

[Health promotion in the digital era: a critical commentary](#)

[Identification of iPhone and iPad Applications for Obstetrics and Gynecology Providers](#)

[JMU-E-collection 'mHealth for Wellness, Behavior Change and Prevention'](#)

[mHealth and Mobile Medical Apps: A Framework to Assess Risk and Promote Safer Use](#)

[Mobile app self-care versus in-office care for stress reduction: a cost minimization analysis](#)

[Mobile Health Apps and Solutions Market: Global Industry Analysis and Forecast to 2020](#)

[Mobile Health Apps: E-Wave of the Future](#)

[Mobile Phone-Based mHealth Approaches for Public Health Surveillance in Sub-Saharan Africa: A Systematic Review](#)

[Mobile teledermatology helping patients control high-need acne: a randomized controlled trial](#)

[New book simplifies Telehealth education for the public](#)

[Nurse-led home visitation programme to improve health-related quality of life and reduce disability among potentially frail community-dwelling older people in general practice: a theory-based process evaluation](#)

[Pharmacy COPD-screening could save the NHS £264m](#)

[Psychosocial telephone intervention for dementia caregivers: A randomized, controlled trial](#)

[Psychosocial telephone interventions for patients with cancer and survivors: a systematic review](#)

[Rethinking resistance to 'big IT': a sociological study of why and when healthcare staff do not use nationally mandated information and communication technologies](#)

[Self Management and Telehealth: Lessons Learnt from the Evaluation of a Dorset Telehealth Program](#)

[Sequencing of EHR adoption among US hospitals and the impact of meaningful use](#)

[Skilled Nursing Facility Quality and Hospital Readmissions](#)

[Telehealth in palliative care in the UK: a review of the evidence](#)

[Testing telehealth using technology-enhanced nurse monitoring](#)

[The impact of an incentive on the use of an online self-directed wellness and self-management program](#)

[The impact of guidance on Internet-based mental health interventions - A systematic review](#)

[The relationship between electronic nursing care reminders and missed nursing care](#)

[Treating hypertension and prehypertension in older people: When, whom and how](#)

[Trial of telemedicine for patients on home ventilator support: feasibility, confidence in clinical management and use in medical decision-making](#)

[Tweeting it off: characteristics of adults who tweet about a weight loss attempt](#)

[Usage and Results of a Mobile App for Managing Urinary Incontinence](#)

[Using mobile phones in healthcare management for the elderly](#)

[What Are Health-Related Users Tweeting? A Qualitative Content Analysis of Health-Related Users and Their Messages on Twitter](#)

[What characteristics of primary care and patients are associated with early death in patients with lung cancer in the UK?](#)

[YouTube as a Tool for Pain Management With Informal Caregivers of Cancer Patients: A Systematic Review](#)

Item 8 – Learning and Events

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

December 2014

International Work-Conference on Ambient Assisted Living (IWAAL 2014) in Belfast on 2-5 December 2014 <http://scm.ulster.ac.uk/~scmresearch/SERG/ucamiivaal2014/iwaal-program.html>

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

The Bionic Clinician – 9 December 2014 at techUK, London [Click here for more information](#)

2015

A third DHACA day has been set for 29 January 2015. Tickets are now available at <https://www.eventbrite.co.uk/e/dhaca-day-iii-tickets-13482595807>

BioTech and Money London - 3-4 February 2014 [Click here for more information](#)

RE.WORK Future Health Summit : 12-13 February 2015, Dublin [For more information and to register](#)

Recent developments in digital health 26 February 2015, London www.rsm.ac.uk/events/tef02

The future for health technologies: innovation, funding and regulation – 18 March 2015, London <http://www.westminsterforumprojects.co.uk/forums/event.php?eid=919>

The 15th International [Conference](#) for Integrated Care "Complex Needs, Integrated Solutions: Engaging, empowering and enabling people for active and healthy living" is to take place at the Sheraton Grand Hotel, Edinburgh, Scotland, 25-27 March 2015.

Playing games, using apps, promoting wellbeing 9 April 2015, London, www.rsm.ac.uk/events/tef03

Holyrood Telehealth and Telecare 2015 Glasgow, 28-29 April 2015
<http://telehealthcare.holyrood.com/>

16/17 June 2015 – International Digital Health and Care Congress – The King's Fund

Item 9 – 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 Innovate UK and Healthcare KTN.

Disclaimer: “We provide this newsletter for information purposes only and neither the Technology Strategy Board nor the authors accept any liability whatsoever for inaccuracies, errors or omissions therein or for any consequences arising therefrom.”

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