



NEWSLETTER May 2014

Welcome to the May 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 1700 news and events links over the last month, we hope that you find this newsletter useful.

All the indications are that 2014/15 will be a challenging year for the NHS and social care. Some influential commentators are questioning how the £5bn Better Care Fund transformation will work in particular moving funding from the hospital system into community services. The Department of Health with the Local Government Association will be implementing an accreditation system to ensure that plans are fully thought through and are on track. During 2014/15 over £1bn of NHS funding will be moved to social care in England. A recent MHP report suggests that previous transfers have not done much more than help maintain some social care funding for existing services – there has been little additional investment in telecare and other preventative services from transferred funds over the last couple of years according to the report. Both hospital and primary care services in the UK appear to be under considerable pressure. There are many ideas and innovations out there that could potentially improve outcomes but major service transformation appears slow as commissioners have difficulty in demonstrating the value of reinvesting existing funding in different ways. The debates over technology support and service transformation continue whether its care.data, online medical records or video and email consults. A June highlight will be the ‘self care in the digital age’ event at the King’s Fund which is supported by dallas and the Technology Strategy Board – this will address the positives and negatives of self care and self management – if you are not attending, do join in the online discussions. June will also see publication of the TECS delivery plan from NHS England and progress on projects like the Long Term Care Revolution.

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



Contents

Item 1 – News from ALIP (Assisted Living Innovation Platform), the Knowledge Transfer Network (HealthTech and Medicines KTN) and dallas – Page 3

Item 2 – Wales Telecare LIN – Page 5

Item 3 – Telecare Services Association meets in Manchester for its AGM – Page 6

Item 4 – New tools developed to help commissioners of assisted living technologies and assisted living services – Page 7

Item 5 – UK policy announcements – Page 8

Item 6 – Other news – Page 13

Item 7 – Summary list of recent journal articles and evaluations – Page 32

Item 8 – Learning and Events – Page 33

Item 9 – Other useful links – Page 35

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.

A Links Supplement is available this month in 2 formats – [pdf](#), [doc](#)

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

(i) Stratification of Neurodegenerative Diseases – £7m call from SMIP

The Technology Strategy Board established the [Stratified Medicine Innovation Platform](#) (SMIP) to realise the potential of stratified medicine in the UK for the benefit of patients and the economy. The TSB is to invest up to £7m in the area of stratification and neurodegenerative diseases, in two collaborative R&D competitions. In neurodegenerative diseases there is a considerable unmet clinical need and a requirement for improved characterisation and early diagnosis of neurodegenerative diseases and better tools to support patient treatment, management and care, an area that is also of direct relevance to the Assisted Living Innovation Platform.

Neurodegenerative diseases are incurable and debilitating conditions that result in progressive degeneration or death of nerve cells. They include Alzheimer's disease (AZD) and other dementias, Parkinson's disease, Huntington's disease, motor neurone disease, Creutzfeldt-Jakob disease and multiple sclerosis. Of these, the dementias are responsible for the greatest disease burden, with AZD representing over 60-70% of the cases, affecting 7 million people in Europe. The costs of care for dementia patients are estimated at £23 billion per annum in the UK and in the order of €130 billion/annum in Europe, thus highlighting neurodegenerative disease as a leading medical and societal challenge and providing a major opportunity for the development of new healthcare technologies and practices.

The SMIP has been running workshops for the two new [competitions](#) (Up to £7m in total funding).

[Competition 1: Patient stratification and neurodegenerative diseases - Diagnostics and care management \(up to £4m investment\)](#)

This competition will support the development of products and services for the early diagnosis of neurodegenerative diseases and diagnostic tools to enable the stratification of patients for better treatment and care management. This competition will also cover monitoring and aspects of telehealth and telecare as they relate to stratified medicine and the management of patient treatment and care.

[Competition 2: Patient stratification and neurodegenerative diseases - Data integration and new business models \(up to £3m investment\)](#)

This competition will have two related themes -

- 1) Integrating and using patient data to diagnose and/or stratify patients with neurodegenerative disease and inform medical decisions for improved patient treatment and care
- 2) Development of new business models to advance the stratification of patients with neurodegenerative disease, and allow better treatment and care through approaches such as drug repositioning.

The deadlines for registration are noon on 2 July 2014 and the deadlines for expressions of interest are noon on 9 July 2014 for both competitions.

(ii) Self-Care in the Digital Age: A Dallas event supported by The Kings Fund – 24 June 2014

Self-care is at a crossroads in the UK. Mindful of demographic change and its resulting challenges, many people support the introduction of self-care although agreement is still required on steps to take it into the mainstream. Similarly, some don't believe self-care will ever become a reality in the UK despite the introduction of new technologies that support it.

In an effort to bring this debate to a head and drive action-orientated discussion and ultimately real change, Dallas (Delivering Assisted Living Lifestyles At Scale) the innovative and rapidly expanding initiative developed by the Technology Strategy Board aimed at enabling more independent living through digital technology, has teamed up with the Kings Fund to run a landmark [meeting](#) on the topic in London later this month.

Many of the UK's leading experts in the field from across the public, private and third sector are coming together at this meeting on **Tuesday 24th June at the Kings Fund** in London. The half-day [event](#) will run twice over the course of the day, giving delegates the option to attend either the morning or afternoon session. A maximum of 300 people can attend.



The agenda has been designed to allow real discussion and interaction with top level policy makers, commissioners and health and care practitioners. The focus of the meeting will be to debate the question, 'How will we manage self-care in the digital age'?

The meeting will be chaired by Lord Filkin CBE, Chair of the Centre for Ageing Better, a senior figure in the House of Lords having held a number of Government offices including Parliamentary Under-Secretary of State in the Departments for Constitutional Affairs and Education and Skills.

The organisers are also very pleased to be able to announce that broadcaster and BBC Radio 'You and Yours' presenter, Winifred Robinson will facilitate the meeting.

For those who can't attend the conference in person, we are hosting an interactive webinar, you'll be able to engage with the debate and pose questions to speakers.

Conference link: <http://www.kingsfund.org.uk/events/self-care-digital-age>

(iii) The Long-Term Care Revolution

On the 1 May 2014, a meeting in London brought together delegates from around the country and from different sectors and disciplines, to review progress, discuss projects and set out objectives for a National Challenge to take the Long-Term Care Revolution programme forward. The event invited delegates to listen to updates from the Sandpit projects; RITA, One Precious Life, CASE, SALTC, Poppins, Flourish and Sandstorm. The afternoon session was a workshop which looked at key drivers for the National Challenge.

More information on the workshop including a report on the meeting will be available via the Health _connect pages. www.health.org. Tweets from the event have been [summarised](#).

(iv) Digital Health in a Connected Hospital

The Technology Strategy Board is to invest up to £6m in collaborative R&D projects that stimulate innovation in the UK digital health sector. The aim of this competition is to support projects with novel ideas for health informatics – specifically, using data to address healthcare needs within a hospital setting. For more information on the competition and regional workshops please visit the Health KTN event pages <https://connect.innovateuk.org/web/healthktn/future-events>

(v) Arthritis UK Marketplace 2014

The Arthritis Research UK Marketplace 2014 is a unique event that is looking at innovation to improve the lives of those with arthritis. The aim is to speed up the realisation of ideas and maximise the impact for people with arthritis, improving quality of daily life and social inclusion. The event will be a unique opportunity for innovators, investors, funders, retailers and manufacturers to meet at one event. There will be multiple opportunities to share ideas, learn from the experts and identify gaps in the market for future development. For more information click [here](#).

Item 2 - Wales Telecare LIN

Assistive technology in Wales is to get a boost with the re-launch of what was the All Wales Telecare LIN on 10 June 2014. Recognising the importance of including telehealth and developments in mobile applications, it will be renamed as the 'All Wales Assistive Technology Learning and Improvement Network'. This also picks up on work done by one of the LIN partners, the Care Council for Wales, who have led on behalf of the UK social care skills councils to develop knowledge and skills set to promote and support the social care workforce to embed Electronic Assistive Technology in their work.

Wales Government have also linked with the Social Services Improvement Agency (SSIA) and regional collaborative groupings in Wales to plan for the re-launch – and is looking to have a broad membership extending to registered social landlords (RSL's), the Local Health Boards in Wales, and independent and third sector providers. SEWIC (South East Wales regional collaborative) project manager David Williams stated: 'The re-launch of the LIN is very positive – and reflects the increasing interest and awareness of assistive technology as a key component of social care as we prepare for the introduction of the Social Care and Wellbeing Bill here in Wales. It is great that housing, provider and NHS partners will be involved – and we look forward to greater collaborative working as a result.' Useful link – [Technology to Care](#)

Item 3 – Telecare Services Association meets in Manchester for its AGM

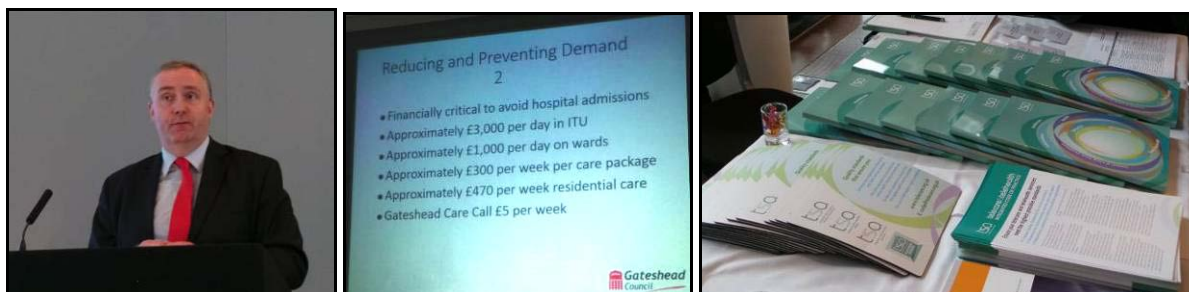
The Telecare Services Association's AGM was held on 22 May 2014. Presentations are now [available](#). You can also review the Twitter discussions at [#tsaagm14](#).



Wendy Darling, Alyson Bell and Trevor Single (TSA at @teleservassoc)



Left & Centre: Madeleine Starr (Carers UK) and Annie Thompson (NHS England)



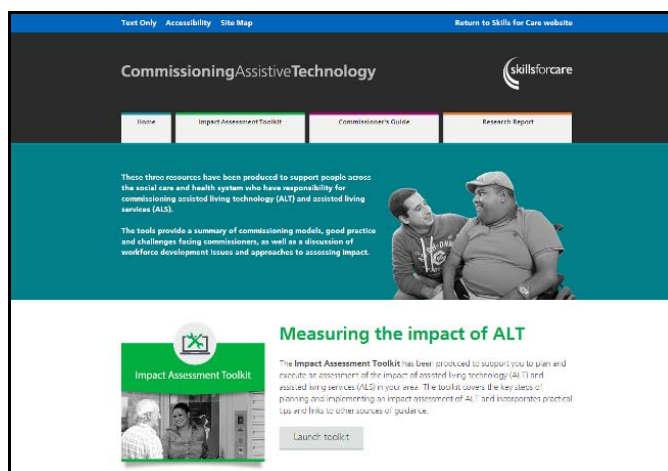
Left: Michael Laing (Gateshead Council) looks at reducing & preventing demand



Item 4 - New tools developed to help commissioners of assisted living technology and assisted living services

For more information contact diane.buddery@skillsforcare.org.uk

[Skills for Care](#), the England-wide, employer led body responsible for the development of the social care workforce has launched their new microsite 'Commissioning Assisted Technology', featuring 3 resources which are aimed to support people across the social care and health sector who have responsibility for commissioning assisted living technology (ALT) and assisted living services (ALS).



The tools provide a summary of commissioning models, good practice and challenges facing commissioners, as well as a discussion of workforce development issues and a guide to assessing the impact of ALT.

[The commissioner's guide](#) provides an overview of key issues and related guidance and support across the commissioning journey from general principles to developing service specifications and key performance indicators.

Their [research report](#), based on in-depth consultation with key contacts from a range of local authorities across England, provides a summary of commissioning models, good practice and challenges facing commissioners.

The [impact assessment toolkit](#) helps commissioners plan and execute an assessment of the impact of assisted living technology (ALT) and assisted living services (ALS) in their areas.

Early feedback from the new resource has been positive, Craig Frost, Locality Commissioning Manager from Lancashire County Council said "I feel what you have produced is excellent and the timing for Lancashire County Council couldn't be better because over the next year we will be making major changes to our telecare offer".

To view the resources for yourself visit www.skillsforcare.org.uk/CAT

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) Secretary of State, Jeremy Hunt has issued a [message](#) to NHS staff during Dementia Awareness Week recognising the increased numbers of staff undergoing training and registering as a Dementia Friend.

(ii) A range of Department of Health/UKTI promotional materials have been updated.



[Primary Care](#), [Digital Health Programme](#), [Infrastructure for Health](#) [Health Systems Development](#)

(iii) The Care Bill has received Royal Assent and is now the Care Act. Norman Lamb, Minister for Care [comments](#):

‘The Care Act represents the most significant reform of care and support in more than 60 years, putting people and their carers in control of their care and support. For the first time, the Act will put a limit on the amount anyone will have to pay towards the costs of their care’.

Also: [Care Act 2014 becomes law, heralding overhaul of adult care law and practice](#)

(iv) The Department of Health has [published](#) its Heatwave Plan for England for 2014. The Department of Health has also [published](#) a Flu Plan for this coming winter.

(v) The government has [welcomed](#) commitments from the Care Quality Commission (CQC) to improve regulatory enforcement, in partnership with the adult care sector.

(vi) The World Dementia Council has met for the first time following the G8 initiative. At the inaugural [meeting](#), the Council considered how it could unlock the brainpower and financial muscle required to meet the objective from the 2013 G8 Dementia Summit to identify a cure or disease modifying therapy by 2025. The World Health Organization estimates 36 million people worldwide are living with dementia, with the global cost of dementia estimated at US\$604 billion.

(vii) The Health Education England mandate for 2014/15 has been [published](#).

(viii) The Department of Health in England has [launched](#) the Health and Care Partnership (previously DH National Stakeholder Forum):

The goals of the partnership are:

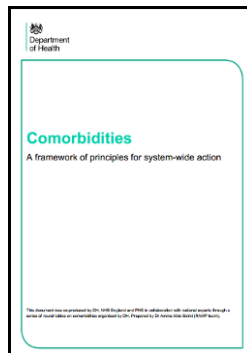
- living and ageing well,
- caring better, and
- preparing for the future.

(ix) A [consultation](#) on supplying asthma inhalers to schools for emergency use closes on 30 May 2014.

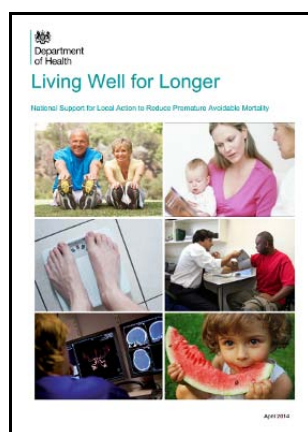
(x) The Department of Health has produced a [report](#) on [good practice](#) in improving care for vulnerable groups.

(xi) The DH e-procurement strategy [document](#) provides details of actions to improve NHS data and information as part of the NHS Procurement Development Programme. This aims to help the NHS save £1.5 billion by the financial year 2015 to 2016.

(xii) Better care for people with 2 or more long term conditions - This [document](#) sets out the current challenges faced in the health and social care system in treating people with 2 or more long term health conditions. It proposes changes to the system to improve care. Feedback is requested.



(xiii) [Helping people live well for longer](#) sets out how the health and care system will become amongst the best in Europe at reducing levels of avoidable mortality.



It includes actions already taken in prevention, early diagnosis and treatment.

It focuses on the five big killers:

- cancer
- stroke
- heart disease
- lung disease
- liver diseases

It includes examples of good practice and help for local commissioning and service delivery.

(xiv) Alistair Burns from NHS England has welcomed the [Dementia Roadmap from RCGP](#). The roadmap will provide helpful local information on dementia. More news on Dementia Roadmap and Dementia Friends:

[An exciting new step towards improving dementia care](#)

[Finding the route to helping people with dementia – Alistair Burns](#)

[Why I welcome the Dementia Friends Campaign – Professor Alistair Burns](#)

[Dementia friends campaign can make a real difference](#)

[Prevalence calculator is vital new tool in planning dementia services – Professor Alistair Burns](#)

(xv) [Guidance](#) has been issued by NHS England on the transfer of £1.1bn NHS funding to local authorities of which £200m is the first part of the Better Care Fund.

(xvi) NHS England is [piloting](#) a Patient Activation tool designed to help put people with long term conditions at the centre of the care and support they receive. The pilot, which will cover 150,000 people, is being launched in partnership with The King's Fund, The Health Foundation, five clinical commissioning groups and The Renal Registry. The launch follows the publication of a recent report from The King's Fund, '[Supporting people to manage their own health: an introduction to patient activation](#)', which introduces the concept of patient activation and its potential for application in England.

(xvii) Interested in what the new NHS England CEO, Simon Stevens is saying? Here is his King's Fund annual leadership summit [speech](#).

(xviii) [NHS Change Day 2014](#) resulted in over 700,000 pledges – Joe McCrea provides some [background](#) on how social media was involved.

(xix) New NHS England publications:

[Guidance on patients' choice in mental health care](#)

[NHS News: Issue 58](#) – includes digital care fund.

[NHS News: Issue 57](#)

[NHS News: Issue 56](#)

[NHS News: Issue 55](#)

[Bulletin for CCGs: Issue 58, 08 May 2014](#)

(xx) Dr Martin McShane, NHS England's director for people with long term conditions, gives his [definition](#) of Parity of Esteem between physical and mental health services. Luke O'Shea, NHS

England's Head of Patient Participation, [explains](#) how 'patient activation' could help over 1.5 million people in England with a long term condition.

(xxi) James Woollard at NHS England looks at [mental health care technology](#) including:

- [NHS: Widening Digital Participation – Tinder Foundation Children and Young People's IAPT using tablets](#)
- [Well Happy App](#)
- [MindTech – developing technology for better mental health](#)
- [mHealth Habitat in Leeds](#)



(xxii) In a blog, Professor John Young at NHS England [addresses](#) the issue of frailty:

“Conceptualising frailty as a long-term condition helps us move away from our current predominant response of urgent and emergency care for the “frail elderly”. After all, people don’t become frail over-night. Frailty gradually develops over 10 to 15 years. The ingredients for successful proactive care programmes for people living with long-term conditions are well understood, namely, case finding; care continuity; supported self-management; and personalised care planning. Many modifiable components of frailty have been described and could be readily subsumed within a frailty customised version of supported self-management and care planning typically available for other long-term conditions”.

Also:

[We must recognise frailty as a long term condition – John Young](#)
[New approach needed to frail elderly care](#)

(xxiii) From [NHS England](#) - Thousands of mental health staff will soon be giving 'lifestyle MOTs' to patients as well as assessing psychological health to reduce avoidable deaths.

Also:

[We must improve medication safety in mental health care](#)

(xxiv) The second wave of the £500 million 'Integrated Digital Care Fund', (formerly the 'Safer Hospitals, Safer Wards Technology Fund') has opened to applications. NHS Trusts, and now Local Authorities, can apply for part of £240 million of funding to digitise and integrate patient information across the health and care sector, driving improvements in patient care. The [application process](#) for

wave two of the Integrated Digital Care Fund will run until 14 July 2014. The £240 million will be split – 2014/15 (£160m) and 2015/16 (£80m).

(xxv) NHS England's Beverley Bryant has [clarified](#) the future of the NHS Choose and Book programme - *"With the new NHS eReferrals Service we want to build on the successes of Choose and Book and use the lessons learnt. This isn't about reinventing the wheel, it is about taking the next step. This is part of NHS England's commitment to making all referrals electronic by 2018".*

(xxvi) Simon Stevens from NHS England has paid [tribute](#) to carers for their "immense contribution" as he pledged to do more to help them. Simon Stevens launched NHS England's Commitment to Carers to coincide with the Carers UK State of Caring Conference in London.

(xxvii) A Regional Innovation Fund (RIF) of £2.5m is [available](#) this year to support and promote the adoption of innovation and the spread of best practice across the NHS. The fund is open to NHS England, as well as the NHS and AHSNs until 30 May 2014.

(xxviii) Tim Kelsey, NHS England's National Director for Patients and Information, has [explained](#) the important next steps in the care.data programme as part of the 6-month extension – it includes an advisory group and phased implementation.

(xxix) Simon Stevens has [announced](#) new option for local Clinical Commissioning Groups to co-commission primary care in partnership with NHS England.

(xxx) Gwenda Thomas - Deputy Minister for Social Services and Lesley Griffiths - Minister for Local Government and Government Business have announced an update on the £50m Intermediate Care [Fund](#), which was a key part of the Welsh Government's 2014-15 Budget agreement with Plaid Cymru and the Welsh Liberal Democrats, to invest in services which support older people, particularly the frail elderly, to maintain their independence and remain in their own home.

The Fund will support people to maintain their independence and remain in their own home. It will be used to avoid unnecessary hospital admissions, inappropriate admissions to residential care, as well as preventing delayed discharges from hospital.

Proposals were developed and submitted by each of the six regions - Cardiff and the Vale, Cwm Taf, Mid and West, North Wales, Western Bay and Gwent. Some of the projects which have been funded include:

In **Cardiff and the Vale**, a 'Smart House' will be created to raise awareness and provide an opportunity for older people and their family to see and trial what support can be provided in the home environment. Specialist accommodation teams will be established to work with Health and Social care practitioners to develop appropriate housing responses for older people at point of admission and discharge.

In **Cwm Taf**, an integrated @home service will focus on maintaining older people's independence at home and avoiding hospital admission. The Butterfly project will also be extended to improve practice for older people with dementia, covering more residential and nursing homes, as well as extending to domiciliary care.

In **North Wales**, a 24/7 Health and Social care support service will be established to provide a overnight planned and crisis intervention support service, delivered by appropriately trained generic support workers, in order to avoid untimely admissions to hospital and residential care.

In **Gwent**, there will be an increased provision of services for older people at home and in care homes or sheltered housing. A new service to support people with dementia and those who have suffered a stroke in their own home will also be developed.

In the **Western Bay** area, there will be additional reablement services including occupational therapists, to support independence at home. They will also establish common access points to direct people to appropriate services or interventions according to need.

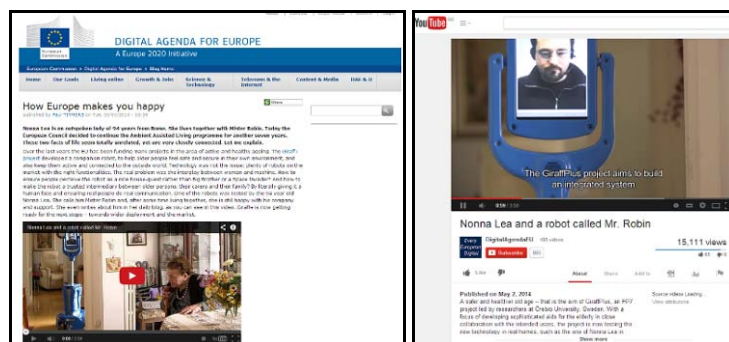
In **Mid and West Wales**, additional flexible intermediate care beds, intermediate care flats and dementia 'move-on' flats will be established. There will also be support by the Third Sector to develop twilight services for people when they return home from hospital.

(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 @scotgovhealth and Alex Neil @AlexNeilSNP (also @NHS24). In Wales follow @WelshGovernment)

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) Ernst and Young has a new [publication](#) on 'Shaping your Telehealth Strategy'.
- (ii) There is a new [video](#) from Italy on the Giraff video project with 94 year old Nonna Lea – part of the AAL programme.



- (iii) 'Internet training would cut pensioner loneliness', says the Policy Exchange in a new [report](#). Training 6.2 million people without basic digital skills would cost £875m by 2020, or £141 per person. The report indicates that training would help pensioners stay connected with friends and family. Ros Coward in a Guardian [article](#) suggests 'helping elderly people to use the internet is a good idea, but let's not mistake broadband connections for social ones'.

(iv) From the [BBC](#) - the [FaceDementia app](#), by Alzheimer's Research UK, "takes over" personal Facebook pages, and temporarily erases important memories, mimicking how dementia affects the brain. Users can watch their personal photos, important details and status updates disappear before their eyes.



(v) RAatE2014 is being held on Monday 24 November 2014 at the NEC, Birmingham – more information is [available](#) about the conference.

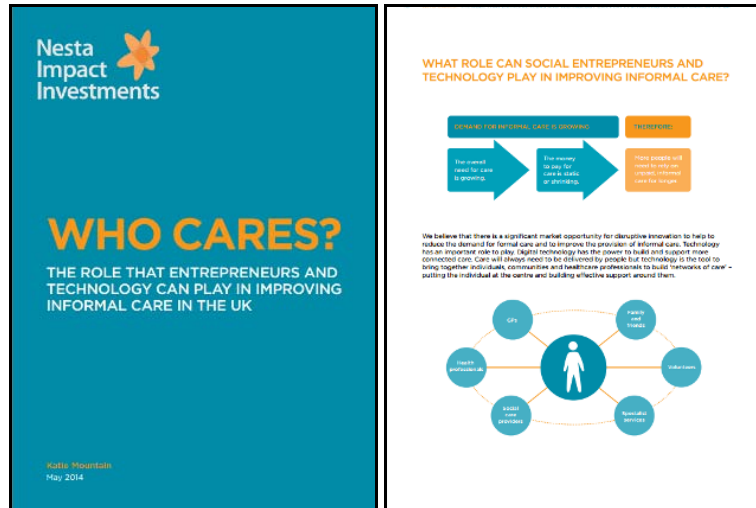


(vi) From a BT Global Health [article](#) - In Cornwall, BT is managing the care for 1,200 telehealth users and 11,000 telecare users through BT Cornwall, its ten year partnership with Cornwall Council, Peninsula Community Health and Cornwall Partnership NHS Foundation Trust. Studies in Cornwall have shown that the average length that a telehealth patient is using the service is just 230 days. Innovative areas covered include post-natal hypertension monitoring patients with recurring UTIs.

(vii) In the [Guardian](#), Katie Mountain of Nesta Impact writes on 'How new technology could transform elder care'. The report suggests that market analysis has identified four areas of opportunity for technology to deliver impact:

- communication tools that increase meaningful connections between family and friends, increasing social interaction and reducing isolation

- platforms or marketplaces that engage potential informal carers from the community
- care management tools that build networks of support and enable effective management and coordination of care
- tools that improve integration between individuals, informal care providers and formal care providers to improve quality and continuity of care



The full report is at <http://www.nesta.org.uk/publications/who-cares> and mentions examples such as [Breezie](#), [Mindings](#), [Casserole](#), [My Support Broker](#), [Jointly](#), [Hometouch](#), [Patients Know Best](#), [How are you](#). Also - [E-Health Insider: EPRs to improve care for older people](#)

(viii) The APPG on Global Health has a new [report](#) 'Patient empowerment: for better quality, more sustainable health services globally'. Drawing lessons from over 100 innovative case studies submitted to the review, it outlines how much the UK has to learn from high, middle and low income countries – and how these lessons should be applied.



(ix) There is a new [report](#) from Future Foundation and Scope called 'Care Beyond 2020' prepared by Ruth Marvel (@ruthbmarvel).

Care Beyond 2020

In this analysis, Future Foundation makes its predictions for the future of care and care-giving, building upon informed assumptions for the evolution of relevant consumer trends and movements within the regulatory environment. We also offer selected visualisations of the UK's emergent care culture - provocations to fresh strategic thinking for those who supply care, fund care, require care.

For more information please contact: James Murphy | jamesm@futurefoundation.net | +44 (0) 20 3008 4889

Care 2020+ : a changed trendscape (4)

CONNECTED COMMUNITIES

- In 2014, Future Foundation surveys reveal that around a quarter of over-60s check their favourite social networking site every day.
- We juxtapose this fact with the social and commercial reality of the Recommendation Generation - the cultural acceptance of daily ideas-exchange, shared consumerism for all aspects of life (everything from low-grade chat to high-level decision-making).
- Peer review sites like **Care Advisor** which allow care-users to rate their care provider publicly are emerging. One can only imagine that this is a feature of the care environment which is bound to swell.
- Digital technology that can facilitate the coordination of care and match citizens' availability and interests with appropriate local volunteering tasks will increase the role of communities in informal care.

Care Advisor
Care home reviews - Finding the best choice for you and your family

Yecco
Yecco is a free private social network that connects family, friends and neighbours of an older person in need of support.

Casserole connects up citizens with spare portions of food with older isolated people locally.

Source: iFusion Research | Base: 5,000 online respondents aged 16+ GB, 2014

(x) Employers for Carers programme is an [initiative](#) from @CarersUK along with their Jointly [app](#).

employers for carers

Supporting carers at work makes business sense

WORK FAMILY

JOINTLY

Are you looking after someone?

Jointly is an app that makes caring for someone a little easier, less stressful and a lot more organised by making communication and coordination between those who share the care as easy as a text message.

Brought to you by **carersUK**

Access Jointly from anywhere

Download on iPhone, iPad and Android

Download on the **App Store**

Download on **Google play**

(xi) A new [mobile app](#) lets patients monitor their recovery after surgery and get immediate help if needed ([Seamless website](#)).

seamless mobile+health

BUILDING THE FUTURE OF PATIENT CARE WITH MOBILE TECHNOLOGY

Enable hospitals to lower their surgical readmission rates. Avoid the new Medicare penalties slated for October 2014.

REQUEST DEMO

LATEST NEWS

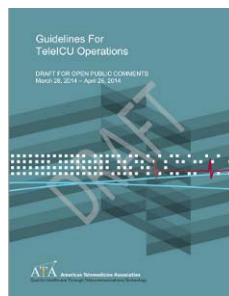
"Seamless is the best communication tool we have seen. We have been looking for a tool to prevent readmissions and emergency room visits."

(xii) From the [BBC](#), An Age UK poll of 2,000 over-65s found 10% described themselves as often or always lonely - a rise from 7% a year ago. Four in 10 said their TV or pet was their main form of company. Loneliness could increase the risk of ill-health and early death.



(xiii) From the [Telegraph](#), More than 50,000 Britons have quit their jobs to care for relatives with dementia. – it is suggest that the condition is now costing businesses £1.6bn a year. The research by Public Health England shows that one in eight people are now looking after someone with dementia, with more than half attempting to juggle paid work with caring duties. Also at [BBC](#).

(xiv) The American Telemedicine Association has issued [draft guidance](#) for TeleICU operations.

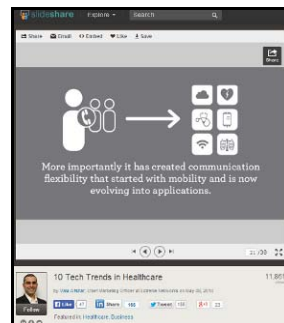


Also:

[Clinical Guidelines for Telepathology](#)

[Practice Guidelines For Real-time, Direct-to-Patient Primary Urgent Care Telemedicine](#)

(xv) Vala Afshar (@ValaAfshar) has identified 10 tech trends in healthcare in a Slideshare [presentation](#).



(xvi) 110,000 deaths from heart disease/cancer etc could possibly have been avoided in 2012 - ONS figures ([Telegraph article](#)).

(xvii) Five EU hospitals plan to use central telemonitoring for better care of life-threatened patients in the [THALEA EU project](#).

(xviii) Six digital health companies have reimagined their telemedicine, mobile health tools with IBM Watson technology ([medcitynews article](#)).

(xix) Dr Faisal Majeed ([Guardian article](#)) considers that a patient's home is a huge determinant of health and wellbeing. The Better Care Fund (BCF) offers a chance to do things differently, to weave together health, social care and housing support in a way that means far fewer people have to make the trip to hospital. But when local BCF plans were submitted in April, how many reflected the importance of housing?

(xx) Health minister, Dr Dan Poulter has indicated that training would be introduced for all 1.3 million NHS workers between now and 2018 to improve the care given to thousands of patients with dementia. ([Telegraph article](#)). From March 2015, New care workers will have to earn a training certificate within 12 weeks of starting a job. The scheme applies to assistants in hospitals, care homes and those who look after people in their own homes. Topics will include infection control, dementia care and patient dignity ([BBC news](#)).

(xxi) Bruce Hellman from uMotif [envisages](#) a digital healthcare ecosystem in which "apps are going to be used as often as antibiotics".

(xxii) There are continuing concerns about app terms and conditions and privacy - Are health & fitness apps selling your data? ([Lifehacker article](#)). A BBC [article](#) looks at health apps – are they all good news? Also, [Mobile health apps lack behavior-change techniques - Penn State University](#)

(xxiii) Could clothing be used for capturing biometric data – a \$200 vest ([BBC article](#)). Also from [BBC News](#) - Could wearable technology make us more productive?

(xiv) Cost of free personal care in Scotland has increased by 162% over the last decade ([BBC article](#)).

(xxv) The Royal College of Physicians and Marie Curie have published a [report](#) on End of life care. The review looked at the care given to more than 6,500 people who had died last year in 149 hospitals. The audit found only a fifth of hospitals provided specialist end-of-life care seven days a week - 10 years after this was recommended. More than 500,000 people die each year in England - half of them in hospital.

(xxvi) Missed the recent Telehealth and Telecare Conference from Glasgow on 8/9 May 2014 – Here is the Twitter [summary](#).

(xxvii) 'People are living against their body clock' – there is a considerable impact of ignoring the need for sleep ([BBC News](#)).

(xxviii) The NHS is facing the first legal challenge of its kind into how family doctors in England consult patients over the allocation of health service budgets. Campaigners have applied for a judicial review into how Bristol's Clinical Commissioning Group (CCG) is spending its £500m budget ([BBC News](#)).

(xxix) Mini-stroke symptoms are often dismissed - 10,000 strokes could be prevented if TIAs were treated ([BBC News](#)).

(xxx) A new [report](#) from the College of Emergency Medicine suggests that contrary to previous views, people are not overusing A&E services.

(xxxi) From the [BBC](#) - NICE has said in its draft guidance that in a situation where the recommended ratio of at least one nurse to eight patients had not been met, the hospital should be able to explain why. NICE [consultation](#) until 10 June 2014.

(xxxii) BBC News has an [article](#) on the impact of ageing - can we influence the rate at which we age?



(xxxiii) An implant could help regulate breathing for sleep apnoea - [early results](#) of tests in heart failure patients.

(xxxiv) The UK Biobank with 500,000 people involved overall includes the world's biggest scanning project to track diseases ([BBC News](#)).

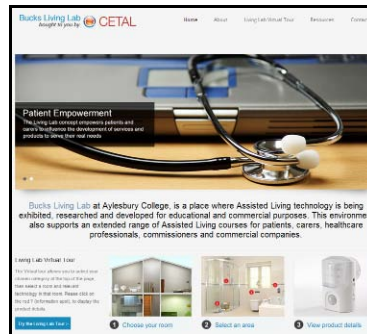
(xxxv) The Nominet Trust has an [article](#) in the Guardian on the value of big data. From [Forbes](#) - Big data technologies and advancements in healthcare

(xxxvi) Jennifer Jolly (@JenniferJolly) in USA Today [writes](#) on the best new technologies to help ageing parents.

(xxxvii) Simple everyday tasks such as getting out of a chair and standing on one leg can be used to predict which middle aged people are at risk of an early death, a study has found ([Telegraph article](#)).

(xxxviii) Chubb Community Care has [launched](#) CareUnity TeleHealth at Scotland's Telehealth and Telecare 2014: Caring for the Future [conference](#).

(xxxix) [Bucks Living Lab/CETAL](#) – a site where assisted living technology is being exhibited, researched & developed.



(xl) In 2012, 1,250 people died from asthma – a 10 per cent rise in three years. An RCP review suggests more than 800 such deaths could have been avoided with the right care ([Telegraph article](#)).

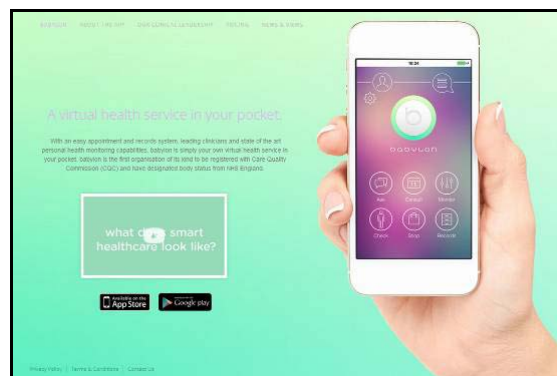
(xli) Dementia, loneliness – and how we can help – Minister, Norman Lamb [writes](#) in the Guardian.

(xlii) A Dementia-friendly GP practice in Basingstoke will phone to remind patients of appointments ([Pulse Today article](#))

(xliii) Researchers at Coventry University question whether personal budgets for older people live up to expectations ([Guardian article](#)).

(xliv) Richard Vize in the [Guardian](#) considers whether plans for transforming primary care stand up to scrutiny.

(xlv) There is a new health app from [Babylon Health](#) which was featured in BBC TV's The One Show.



Also:

[E-Health Insider: Mobile app puts doctor in your pocket](#)
[Tech pioneer aims to bring GP appointments into the living room](#)

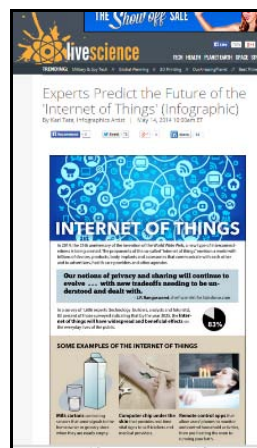
(xlvi) From the [CDC](#) in America - Each year, 900,000 Americans die prematurely from five leading causes of death – 20-40% of deaths are preventable.

(xlvii) The King's Fund has warned that the financial crisis in the NHS is inevitable – it is now a question of when the money will run out ([EHI article](#)).

(xlviii) A Diabetes UK [report](#) covers the increasing numbers of people with diabetes and the cost of treatment.

(xlix) Scotland is now live with the 111 service ([EHI article](#)).

(l) Experts predict the future of the Internet of Things ([Infographic](#)).



Also:

[The Internet of Things Will Thrive by 2025](#) - latest from @pewresearch
[National Internet of Things network in UK to launch in 2015](#)

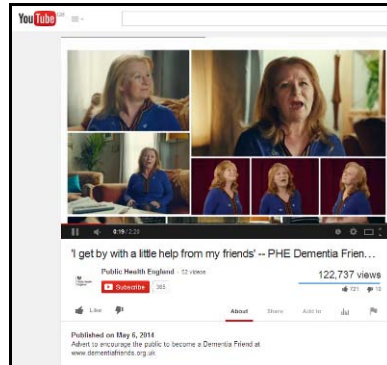
(li) The [estimated cost](#) from falls/fall injuries in the United States for 2012 was \$30bn in direct medical costs per year.

(lii) From the U.S. -

[Federal Efforts to Define and Advance Telehealth—A Work in Progress](#)
[Group pushes Congress to regulate telehealth](#)
[Health Subcommittee Seeks Ideas on How Technology Can Improve Patient Care](#)
[How big medical centers use interactive video to improve access to specialists –](#)
[Can telemedicine help communities justify better broadband?](#)
[Oklahoma has one of largest telemedicine networks for mental health](#)
[Teladoc acquires AmeriDoc, expands service offerings and member base](#)
[Medtronic to acquire Corventis for at least \\$150M](#)

(liii) Learn more about the Gold Line project to support people who are terminally ill - telehealth at Airedale Hospital (@AiredaleNHSFT) ([Bradford Telegraph article](#)).

(liv) There is a new Dementia Friends [ad](#) on YouTube.



Also: [Stars including Chris Martin and Lily Allen back dementia campaign](#)

(lv) In their [report](#) 'Going with the Flow', 2020Health highlight details of the funding crisis, public confusion and frustration over what is made available on the NHS and urge government to produce a National Financial Plan and work towards a 'National Service Guarantee' to end the postcode lottery of treatment.



(lvi) Charles Lowe [reports](#) on Healthcare Apps 2014 – an RSM event from end of April 2014.

(lvii) From the Guardian:

[Heart failure cases do not get specialist care, doctors warn](#)
[Hospitals need thousands of extra nurses or patients safety will be at risk](#)

(lviii) From the Telegraph:

[Hospitals send dementia patients to homes without food/heating](#) (also [Healthwatch special enquiry](#))

(lvix) Barbara Young [writing](#) in the Guardian considers that councils can play a vital role in tackling the UK's growing diabetes crisis.

(Ix) Almost 400 patients have signed up to Simple Telehealth, run by Buckinghamshire County Council in conjunction with NHS Aylesbury Vale Clinical Commissioning Group and NHS Chiltern Clinical Commissioning Group. The [system](#) is used only after GPs have assessed patients' suitability. So far, 300 blood pressure monitors have been distributed at a cost of around £8,000 in total to the county council. Patients are lent the monitors, and then asked to send in the results by text. These go into a secure website portal and are then viewed by the GP practice.

(lxi) Imperial College Health Partners (AHSN) [projects](#) includes home monitoring for psychiatric patients.

(lxii) Interesting [design](#) - an asthma inhaler and app designed from the patient's point of view.



(lxiii) An iPad-Based Telemedicine Platform [Supports](#) Collaboration.

(lxiv) Is technology helping families communicate or holding them back? ([Guardian article](#)).



(lxv) KPCB's Beth Seidenberg [reports](#) on six truths digital health entrepreneurs need to know.

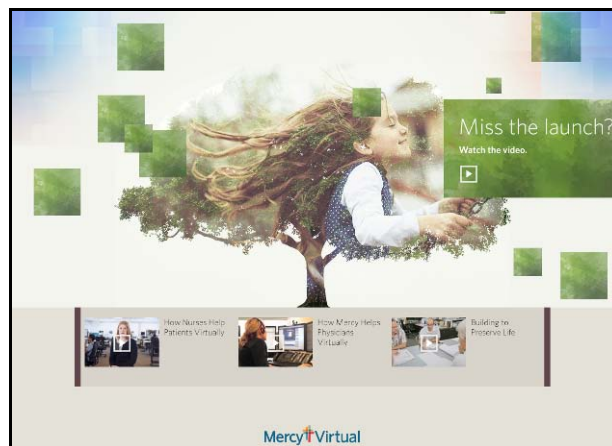
(Ixvi) LG has [launched](#) an activity tracker - Lifeband Touch and heart rate-sensing earbuds. LG's new fridge, washing machine and oven can [chat](#) with you using Line's messaging app.

(Ixvii) A major overhaul of Welsh social services has become law ([Community Care article](#)).

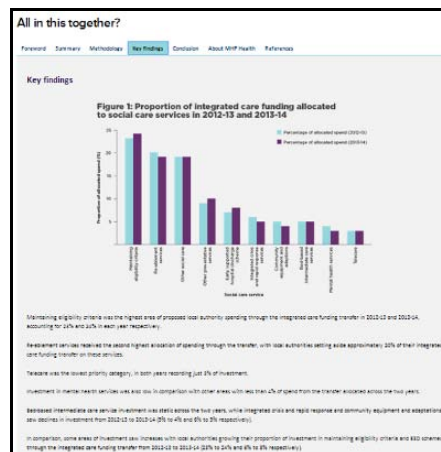
(Ixviii) An MDLive [survey](#) suggests a significant percentage of U.S. 18-34 year olds would consider doctor consultations over a mobile.

(Ixix) Medway Council [Telecare Service](#) - helping local businesses with alarm monitoring service and lone worker support.

(Ixx) [From the U.S.](#) - Mercy are to construct a virtual care centre with 300 staff ([website](#)).



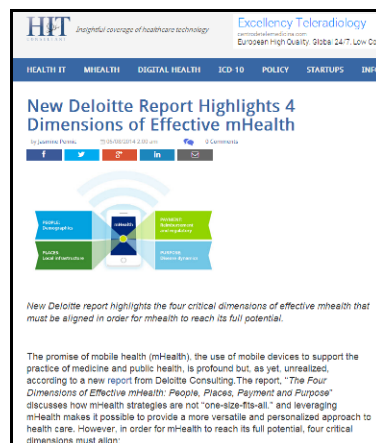
(Ixxi) MHP [Study](#) looks at how NHS money transferred to social care was used in last 2 years - a disappointing investment in telecare and preventative services.



(Ixxii) Cleveland Clinic and HealthSpot are to [expand](#) telehealth capabilities through walk-in kiosks.

(Ixxiii) People with mental health problems & intellectual disabilities appear to die earlier - BMA report ([Independent article](#)).

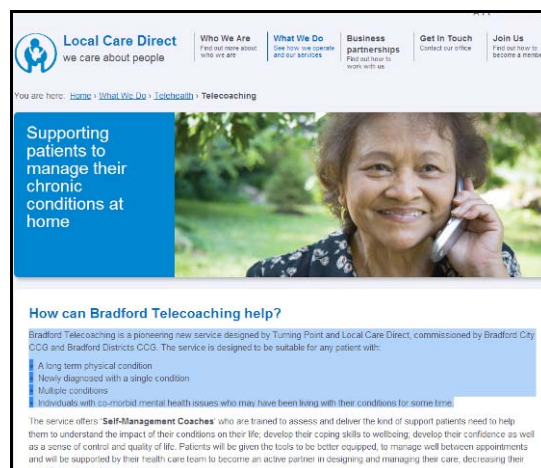
(Ixxiv) a new Deloitte [Report](#) Highlights 4 Dimensions of Effective mHealth.



(Ixxv) Will the NHS cease to exist within a decade unless it embraces mobile technology and patient data? - Theo Bertram, Google in the [Times](#) (£).

(Ixxvi) Bradford Telecoaching is a new [service](#) designed by Turning Point and Local Care Direct, commissioned by Bradford City CCG and Bradford Districts CCG. The service is designed to be suitable for any patient with:

- A long term physical condition
- Newly diagnosed with a single condition
- Multiple conditions
- Individuals with co-morbid mental health issues who may have been living with their conditions for some time.



(Ixxvii) With weekend GP coverage an issue, NHS Highland looks at telehealth connections – but rural broadband remains an issue ([Ross-Shire Journal article](#)).

(Ixxviii) Questions are asked of Stroud's 'OKEachDay' services after a man's body was not found for 24 hrs ([Gloucester Citizen article](#)).

(lxxix) mHealth startups home in on evidence-based medicine - two new solutions - @Point of Care and Docphin ([mHealth News article](#)).

(lxxx) Will 2014 be the year of telehealth? – BT Global Health [article](#) in the Guardian.

(lxxxi) Stanford researchers [develop](#) a smartphone peripheral to scan for oral cancer.

(lxxxii) Nigel Edwards from Nuffield Trust has a new [blog](#) on the Better Care Fund.

“The Fund assumes that hospitals can quickly achieve a 15 per cent reduction in emergency admissions and that these reductions will result in savings in the same year, at full cost. But reducing admissions takes time, and lowering the types of admissions targeted by the Better Care Fund costs money. These assumptions are therefore wildly optimistic”

An accreditation process is being put into place to view all of the plans over the coming weeks to ensure they are robust and will deliver on outcomes.

More on the Better Care Fund:

[Better Care Fund plans - integration is the key to quality](#) – Richard Vize

[New NHS cash needed, but not without reforms](#) – Chris Ham

[NHS Better Care Fund postponed – what is really going on?](#)

[Wanted: an even Better Care Fund - potential crisis as £2bn moves into pooled](#)

[Seven ways to unify the NHS without the BetterCareFund](#)

(lxxxiii) Surrey are to [pilot](#) pioneering mental health technology using telehealth.

(lxxxiv) In a recent survey reported in a Guardian [article](#) 80% of people in Britain think the NHS should be protected from funding cuts.

(lxxxv) ATA wants to launch telemedicine accreditation program for primary, urgent care this fall – [Med City News article](#).

(lxxxvi) Bob Hudson sets out ten ways to improve patient involvement in the NHS ([Guardian article](#)).

(lxxxvii) After launching tablet devices, Tesco lines up its first own-branded [smartphone](#).

(lxxxviii) New from The King's Fund:

[The NHS productivity challenge - Experience from the front line](#)

[The NHS was not a major issue during the 2010 election, so what should we expect in 2015?](#)

[Innovations in the delivery of care for older people](#)

(lxxxix) There "could be a role" for CCTV in care homes, the care minister has [said](#) after a recent BBC Panorama programme.

(xc) UK cancer care a national shame, says Macmillan charity - Report finds patients diagnosed too late, abandoned after treatment and denied a dignified death ([Guardian article](#) [MacMillan Cancer article](#)).

(xci) A University of Houston professor has [developed](#) an app/device that could help identify possible melanomas.

(xcii) Wearable devices are invading the crib, with gadgets to track vital signs of newborns – ([WSJ article](#)) and there is a new wearable tech [garment](#) with 3-15 lead ECG at rest/in motion with smartphone link at @AmericanTelemed <http://bit.ly/1fP34Vu>

(xciii) mHealth News has a [case study](#) on Using mHealth to manage diabetes.

(xciv) Could the digital patient be the most underutilised resource in the healthcare system? – Interesting [article](#).

(xcv) With the EU project [Life2.0](#), elderly are active, independent & with easy social contacts.

(xcvi) Neil Versel has an interesting [article](#) on ‘Promise of connected health in jeopardy’.

(xcvii) [TeleCare Nord](#) in Denmark aims to provide patients, initially COPD patients, with a tool to participate actively in their treatment. The project also aims to provide patients with a system that allows them to be monitored in their own home, rather than having to go to the hospital for various measurements and monitoring.

(xcviii) *“PT PAL is like having a physical therapist in your pocket, reminding patients to perform their PT-prescribed exercises and offering constant guidance on correct form and repetition,”* says Naveen Khan, founder and CEO, PT PAL - The first clinical HIPAA-compliant mobile app used between physical therapists & patients ([article website](#))



(xcix) New tenders/contracts:

[E-Health Insider: NHS England to spend £33m on 111 tech](#)

[Telecare Monitoring Services - South West UK - contract/tender http://bit.ly/1iCeQmk](#)

[Yorks & Humber SBRI tender - telehealth and telecare for people with learning disabilities - deadline 10 July 2014](#)

£2.5m available to small business and SBRI Healthcare launches new [competition](#). The competition closes on July 10th, with winners announced in October 2014.

Competition Categories -

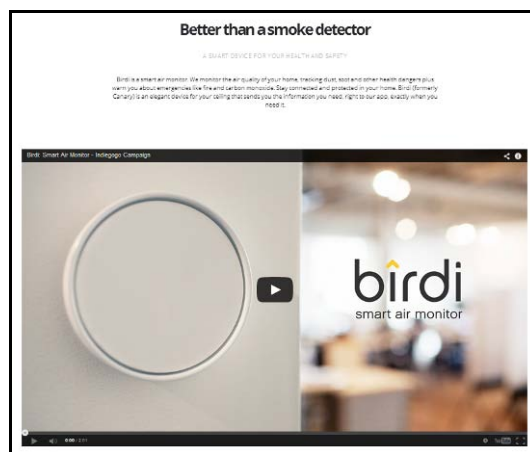
- Child & Maternal Health
- Integrated Care
- Medicine Adherence
- Musculoskeletal
- Telehealth & Telecare for People with Learning Disabilities

(c) Still not sure how the NHS in England is supposed to work – here is another [guide](#).

(ci) More medical apps have been cleared by the FDA – well over 100 have now been approved. ([mobihealthnews article](#)).

(cii) NHS hospitals have been criticised for discharging vulnerable patients at night ([Independent article](#)).

(ciii) A new [development](#) from birdi - a smart, connected home air monitor (also CO, smoke).



(civ) In the U.S., there is a continuing interest in [health kiosks](#) – are they an mHealth entry point for providers?

(cv) Telecare24 has a new [blog](#) on epilepsy.

(cvi) Meg Hillier [writes](#) in the Guardian on five things the NHS must learn about empowering patients. Whilst Peter Beresford [considers](#) 'How can social care providers involve service users?'

(cvii) From the [Telegraph](#), - Video of robot skeleton that can help wheelchair-users walk again

(cviii) From the [BMA](#) - #YourGPCares campaign - follow debate on Twitter using hashtag.

(cix) Voxiva's digital health [program](#) now has more than one million enrollees in its evidence-based behavior change programs. The company's utilise mobile phones to promote maternal and child health (Text4baby and Text4kids), adult health and wellness (Txt4health), smoking cessation (Text2quit), and diabetes self-management (Care4life Diabetes).

(cx) [Diabetes and me](#): how the silent killer caught up with previous NHS chief - David Nicholson.

(cxi) Fear of dementia could be exacerbating the condition, experts warn ([Telegraph article](#)) – also, [concerns](#) over dementia patients who could have been removed from GP practice lists.

(cxii) A [Telemedicine centre](#) is to be set up at Cork University Hospital.

(cxiii) A recent survey by research2guidance, in partnership with the Continua Health Alliance and HIMSS, finds that only 5.1 percent of more than 2000 app publishers have generated more than \$1 million with their app portfolios, while 68 percent are earning either nothing or next to nothing. This mHealth News [article](#) covers 6 tips for creating a successful mHealth app.

(cxiv) Eric Wicklund at Medical Practice Insider [looks at](#) the downsides of 'recreational' health data gathering.

(cxv) eHealth in Europe is hard to get off the ground – a 31 country [study](#) of 9000 doctors. Also, 'Our eHealth Love Affair Is Going to Hurt People' - Dike Drummond on the [importance](#) of clinician hunches.

(cxvi) 'Are we building technology for those that need it most?' – an excellent new [blog](#) from @ManeeshJuneja.

(cxvii) Slides from Speakers Corner @ Athens eHealth Forum: including Euro Code of Practice for Telehealth Services are [available](#).

(cxviii) [wegot99](#) has a report and summary of mental health technology support sites and apps.

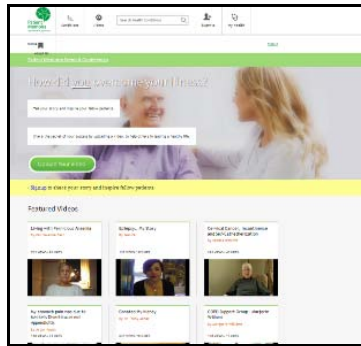
(cxix) BBC News [reports](#) on patchy mobile coverage on UK roads and railways – a big issue for connected care services outside the home.

(cxx) An example of a [partnership](#) between an NHS trust and county council that tackles social isolation - Community Restart.

(cxxi) A [survey](#) by @pulsetoday of 500 GPs suggests that waiting times for non-urgent appointments are getting longer

(cxxii) Behind Intermountain's Build-or-Buy Decision on Telehealth/Teleservices Platform - via Healthcare Informatics <http://bit.ly/1sQZpMP>

(cxxiii) Patient Memoirs – how did you overcome your illness? Can you inspire others – the Patient Memoirs [website](#).



(cxxiv) The 'Dr to Dr' [website](#) has a video on telemedicine in Switzerland.



(cxxv) [From E-Health Insider](#): 'NHS must open up to mental health apps' – with Mark Brown (@MarkOneinFour).

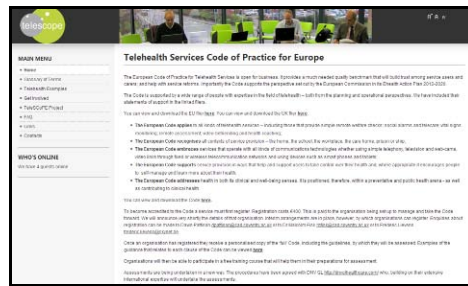
(cxxvi) Three funded PhD studentships are available at CATCH – [Technology for Healthy Ageing and Wellbeing \(THAW\) network](#).

(cxxvii) [Vidyo for Telemedicine](#) | How Video Conferencing Helps Victims of Stroke – 'time is brain'.



(cxxviii) ITIF [calls](#) for a telehealth mandate with fines for U.S. states that do not offer the service.

(cxxix) Information is now posted on the www.telehealthcode.eu website about the European Code of Practice for Telehealth Services.



It includes Information on how telehealth services can be assessed and accredited and how services can, following registration (at €400), obtain the guidelines that underpin each of the Code’s 54 clauses.

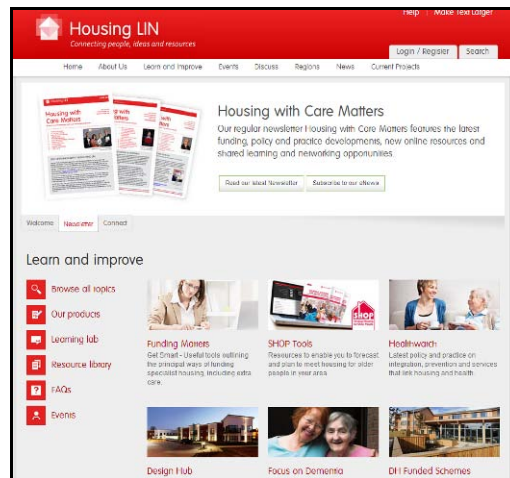
(cxxx) There is a new [publication](#) from Tunstall on ‘Creative use of telecare in Hull’.



(cxxxii) From the [BBC](#) - Samsung has announced the Simband and Sami health platform - a prototype wristband that can be fitted with third-party sensors to gather a range of health data about the wearer's body.



(cxxxii) Keep up to date with the world of UK housing with our sister network – [Housing LIN](#) (@housinglin) – next newsletter due in June 2014.



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:

Reduced Cost and Mortality Using Home Telehealth to Promote Self-Management of Complex Chronic Conditions: A Retrospective Matched Cohort Study of 4,999 Veteran Patients

<http://1.usa.gov/1k3mHzu>

Study covering 167 apps: Behavior Change Techniques in Top-Ranked Mobile Apps for Physical Activity <http://bit.ly/Tag43x>

Telehealth interventions for primary prevention of cardiovascular disease: A systematic review & meta-analysis <http://1.usa.gov/1kzofNX>

Teleneurology: Successful Delivery of Chronic Neurologic Care to 354 Patients Living Remotely in a Rural State <http://bit.ly/1mScJyz>

Effectiveness of Telemonitoring & Patient-Centric Health Coach Intervention for Adult Patients with Heart Failure <http://bit.ly/1mpRSXx>

Effects of Telephone-Based Peer Support in Patients With T2 Diabetes Receiving Integrated Care: RCT - <http://1.usa.gov/1up864y>

Teleneurology: Successful Delivery of Chronic Neurologic Care to 354 Patients Living Remotely in a Rural State <http://bit.ly/1mScJyz>

Economics of chronic diseases protocol: cost-effectiveness modeling & future burden of NCD in Europe <http://bit.ly/1sPqAaK>

Policy expectations & reality of telemedicine – critical analysis of healthcare outcomes, costs & acceptance for CHF <http://bit.ly/1mD4BX6>

Systematic review of cost & cost-effectiveness of telehealth for patients suffering from COPD <http://bit.ly/1j43uap>

Use of a telehealth system by older adults with hypertension <http://bit.ly/1mD4daZ>

Rural residents acceptance towards telehealth system - technology acceptance model & social cognitive theory <http://bit.ly/1jzjfq2>

The Stakeholder Empowered Adoption Model (SEAM) for Telehealth - Alison Marshall, University of Cumbria <http://bit.ly/1jjG3Qw>

Policy expectations & reality of telemedicine – critical analysis of healthcare outcomes, costs & acceptance for CHF <http://bit.ly/1mD4BX6>

Eighteen critical success factors for deploying telemedicine - Norwegian Centre for IC & Telemedicine <http://bit.ly/1jjH9vJ>

Rethinking the frequency of between-visit monitoring for patients with diabetes <http://1.usa.gov/1km1bo6>

Remote Tracker May Cut Death in Device Patients - results from 2 studies - <http://bit.ly/1j7FTul>

Item 8 – Learning and Events

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

Reminder: 'New Frontiers in Digital Technologies for Influenza: Big data and Mobile-Phone Connected Diagnostic Tests' - This is a reminder of an upcoming i-sense and IDRN flu workshop 'New Frontiers in Digital Technologies for Influenza: Big data and Mobile-Phone Connected Diagnostic Tests' on Thursday 26th June 2014 at 8.30-17.30 at The Council Room, The Institute of Materials, 1 Carlton House Terrace, London SW1Y 5DB. The event will be followed by a drinks reception.

This event will bring together leading experts in the field of big data and mobile diagnostics to discuss the latest technologies to track and test influenza. This includes recent developments in mobile-phone connected tests such as microfluidic chips, advanced nano materials and optics and surface-acoustic wave devices and the use of online sources (e.g. Google search engine queries, Twitter) to identify disease outbreaks much earlier than current healthcare systems. Please find a preliminary programme attached.

Speakers include representatives from Google, Telefonica, OJ Bio, Harvard Medical School, UCLA, Columbia University, University College London, London School of Hygiene and Tropical Medicine,

Public Health England and Imperial College London. Panel discussions and a networking reception will give you an invaluable opportunity to engage with these academic and industry experts. You will have the chance to discuss how these digital components could come together into an early warning system and the technical and clinical challenges that are still to be addressed. [Click here for more information, a full programme and online registration](#)

UK Telehealthcare - Central London MarketPlace, London, 2 June 2014
<http://www.uktelehealthcare.com/>

Virtual Care Seminar - 5 June 2014, Warwick
<http://www.ardencsu.nhs.uk/media-centre/arden-seminar-series.aspx>

Big health data - improving patient care, 5 June 2014, London (@RoySocMed) <http://bit.ly/1gqEMXz>

International Lymphoedema Conference, Glasgow, 5-7 June 2014 - special track on ehealth, digitech & social media <http://www.ilfconference.org/day-programme/>

Franco-British Telehealth Symposium on 11-12 June at St Thomas' Hospital London
Register <http://bit.ly/QI7O8U> and [http://www.ubifrance.com/medias/evedocument/Franco-British Telehealth Symposium Programme May 2014 19 5 2014 15 30.pdf](http://www.ubifrance.com/medias/evedocument/Franco-British%20Telehealth%20Symposium%20Programme%20May%202014%2019%205%202014%2015%2030.pdf)

Telecommunications meets Health – 16 June, Swindon
<http://www.healthwatchswindon.org.uk/news/telecommunications-meets-health>

Better Connected – ADASS, West Midlands – 18 June 2014 <http://adasswm.com/save-the-date-better-connected-event-on-june-18th/>

Innovations in the delivery of care for older people – 18 June 2014, London
<http://www.kingsfund.org.uk/events/innovations-delivery-care-older-people>

Self Care in the Digital Age – The King's Fund, London 24 June 2014
<http://www.kingsfund.org.uk/events/self-care-digital-age>

Commissioning 2014, 25-26 June 2014, London <http://www.healthpluscare.co.uk/Content/The-largest-national-event-for-clinical-commissioning-returns-on-25-26-June-2014>

New Frontiers in Digital Technologies for Influenza: Big Data and Mobile-Phone Connected Diagnostic Tests - 26 June 2014, London <http://www.ucl.ac.uk/infection-sense/upcomingevents>

Upcoming event: Walking SensoryUX Workshop - 2 hr stroll about future technology, 2 July, London via @Acuity_Design <http://bit.ly/1I7iwiv>

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>

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

Three Million lives - <http://www.3millionlives.co.uk/> [LinkedIn](#)

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