



## NEWSLETTER January 2012

Happy New Year and welcome to the January 2012 newsletter from the Technology Strategy Board (TSB) Knowledge Transfer Network and the Telecare Learning and Improvement Network.

A new year brings an updated format to the newsletter with an extended audience covering health, housing and social care, third sector, independent and commercial organisations in the UK, Europe and around the world. The January newsletter has been electronically distributed to 45,000 people.

These are particularly exciting times in the world of telecare, and telehealth. There is no doubt that technology-supported, assisted living services have gained growing interest over recent months. There are a number of reasons for this discussed later in the newsletter. Of potential game-changing importance has been the publication of the headline findings from the Whole System Demonstrator Programme (WSD) in December 2011.

The WSD Programme was originally conceived back in 2006 by the Department of Health in England to address the continuing questions over the evidence base for telecare and telehealth. We are now waiting for the detailed papers and conference presentations which will help us best understand which groups of people will benefit most from this type of service and how the best outcomes can be achieved in terms of improved quality of life, reduced unnecessary hospital admissions and a range of other important indicators.

The two [previous editions](#) of the newsletter covered the announcements in the NHS Operating Framework for 2012/2013, the WSD headline findings and the 'Three Million Lives' initiative announced by the Prime Minister and Secretary of State for Health in December 2011. The last edition also covered the recent announcements of the Northern Ireland £18m/20,000 patient telehealth programme. If you are a new reader, these are all important policy developments and are worth reviewing.

The Technology Strategy Board is now in the final stages of selection for the DALLAS communities. Over the next three years, the programme will develop between 3-5 communities with a total of up to 50,000 users of innovative assisted living technologies and services in the UK. The eight shortlisted communities for the January 2012 [workshop](#) were:

- Community Solutions (Lead: Torbay Care Trust/HIEC SW)
- Feel Good Factory (Lead: Liverpool Primary Care Trust)
- I-Focus (Lead: ADI)
- Living It Up (Lead: NHS 24, Scotland)
- MyPAL (Lead: Rotherham Foundation Trust)
- WALES (Lead: Hywel Dda Health Board)
- Wellness Partnership (Lead: Your Homes Newcastle)

· Year Zero (Lead: Illumina Digital)

Final selection will be made over the coming weeks ready for the programme to commence in Summer 2012. Arrangements are also being put in place to network and share the learning from the communities as well as a planned evaluation of the outcomes over the three year programme.

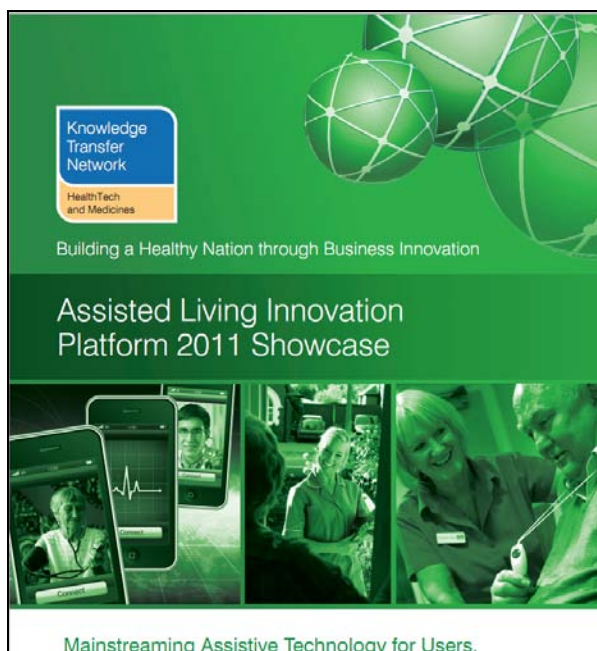
Many of the commentators on telehealth around the World expect 2012 to be the turning point for many aspects of telemedicine, mHealth and home-based remote monitoring. We look forward to bringing you examples of progress and developments through this newsletter.

If you would like daily information, then a Twitter stream is now available at the TelecareLIN web site (you do not need to register on Twitter and it is accessible to organisations not able to connect directly to social media):

<http://www.telecarelin.org.uk/News/twitterStream/>

## ALIP Information

For those of you wishing to learn more about the previous investments in new technology, service designs and business and economic research carried out by the Technology Strategy Board, some of which will feed into DALLAS, and could benefit many other organisations in this space, the following link to a 'project guide' document is provided. You may need to register with the ALIP portal (easy to do and free-of-charge) to access this:



<http://tinyurl.com/72pv8ut>

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## **Item 1: Three Million Lives to benefit from telecare and telehealth over five years – Department of Health commitment (December 2011 and January 2012)**

The Department of Health has committed to support three million people with long term illness over five years through assistive technologies such as telehealth and telecare. The two [previous editions](#) of the newsletter covered the initial announcements in detail.

### **Prime Minister, David Cameron speaking at the Financial Times Conference in December 2011**

“Just look at our approach to telehealth – getting new technology into patients’ homes so they can be monitored remotely.

We’ve trialed it, it’s been a huge success, and now we’re on a drive to roll this out nationwide.

The aim – to improve three million lives over the next five years. This is going to make an extraordinary difference to people.

Diabetics taking their blood sugar levels at home – and having them checked by a nurse. Heart disease patients having their blood pressure and pulse rate checked – without leaving their home.

Dignity, convenience and independence for millions of people. And this is not just a good healthcare story. It’s going to put us miles ahead of other countries commercially too...as part of our plan to make our NHS the driver of innovation in UK life sciences”.

[David Cameron Speech at Financial Times Conference \(5 December 2011\)](#)

Recently, Care Minister, [Paul Burstow visited Cornwall](#) (one of the Whole System Demonstrator sites) to see services in place. Following his visit, the minister said: "The trials of telehealth and telecare have shown how people with long term conditions can live more independently, reducing the time they have to spend in hospital and improving their quality of life. The feedback I have heard from people in Cornwall has been incredibly positive. They were absolutely clear that high-tech healthcare being used here has improved their lives for the better."

There is no identifiable new Department of Health funding for telecare or telehealth within the current 2012/2013 NHS Operating Framework and the aim is to work with industry partners to cover upfront costs on the basis of an ongoing revenue stream. PCT Clusters and emerging Clinical Commissioning Groups (CCGs) are looking at how services can be reconfigured locally through the [QIPP Programme](#) – this may include telehealth initiatives. Local authorities have additionally been using some of the [social care money](#) available via the NHS to support their local telecare programmes.

There are already between 1.5 and 1.7m people with telecare in England of which a further 5-6000 have telehealth home remote monitoring. For home remote monitoring, the Veterans Healthcare Administration in the USA probably has the highest current numbers of around 67,000. Of course, many more benefit from telemedicine and other ehealth services (NHS Direct) in the UK and around the World.

Various internet articles have suggested that [£500m](#) or [£750m](#) may be required to work at scale in England. However, it is suggested that there is potential to save up to [£1.2bn](#) over five years with this investment.

Of course, there is much to consider in preparing to provide services at scale. Following publication of the WSD headline findings, [Rutter and Stringer](#) and [Wyatt](#) have suggested caution in developing plans to ensure that local conditions are favourable for scaled programmes. Also, as reported recently in the Health Service Journal ([12 January 2012, online](#) – subscription required), the Department of Health is considering the idea of a year of care tariff for telehealth technology which varies according to the number and severity of a patient's long-term conditions. If developed, this could be included in the 2013/2014 NHS Operating Framework. The next few months will be important in developing effective business models for commissioning and provision of telecare and telehealth.

Over the coming weeks, we can expect to hear more coverage of the WSD findings and 'Three Million Lives' initiative at conferences and events (please check programmes for confirmation of coverage). This includes:

January 2012: Three Million Lives event, London, 19 January 2012

February 2012: [Long-Term Conditions Conference 2012 , 01-Feb-12, London, UK](#) (Dame Sally Davies, Department of Health)

March 2012: [The Kings' Fund - International Congress on Telehealth and Telecare, 6-8 Mar 2012, London, UK](#) (Professor Stanton Newman and others)

More details are expected in the coming months along with detailed, peer-reviewed papers on the WSD details for telehealth and telecare. These will be covered in the TSB/Telecare LIN [newsletter](#) and on the [Twitterstream](#) as they become available. A full events listing for UK and Europe appears in Item 4e of the newsletter.

## **Item 2 ALIP News**

The Technology Strategy Board's Mike Biddle (Lead Technologist for ALIP) was elected President of the Ambient Assisted Living Association AALA in September 2011 and took up his new post in November. The AALA manages the Ambient Assisted Living (AAL) joint programme under Article 185 of the EC Treaty. For more information follow: <http://www.aal-europe.eu/>

The Ambient Assisted Living (AAL185) 5th Call for R&D proposals was announced on 16th January. AAL Call 5 has the theme of 'Home Care'. <http://www.aal-europe.eu/calls>

Any UK businesses, third sector and public sector organisations interested in partnering or leading consortia in this area are invited to forward their details to the HTMKTN for inclusion in a UK partner list that will be circulated at the AAL Call 5 launch event in Brussels during March. Keep an eye on the ALIP portal for an announcement and a link to register your organization for inclusion in the partner list, you will be asked to include details of the relevant business and R&D activities you have been involved in. A UK launch event for AAL Call 5 is also in the planning stages and will be announced through the ALIP portal soon. The ALIP Portal can be found at:

<https://connect.innovateuk.org/web/assisted-living-innovation-platform-alip>

## Item 3 Trends for 2012

### Increasing interest in 'tele' services

Across the World interest in telehealth, telemedicine, eHealth, mHealth continues to grow. In many areas 'tele' services are becoming the norm. For instance, there is extensive use of teleradiology for remote analysis of X-ray, CT and MRI scans. Video-conferencing in remote and rural areas of the USA and Canada are well established. Tele-stroke services allowing remote access to specialist advice for decisions about emergency administration of clot-busting drugs is continuing to grow. Information from implanted pacemakers and defibrillators can be remotely analysed to reduce clinic attendance and ensure speedy action is taken to deal with any problems. A national programme of eHealth and telehealth in Australia is championed by the Prime Minister. The United States are changing their reimbursement rules to recognise payment for telehealth consultations. Parts of Africa and India are developing innovative public health applications around mobile phones.

### A growing consumer market

There is an increasing interest in the consumer market through health, wellness and fitness apps using smartphones and tablets and the US Food and Drugs Administration is now starting to approve medical devices connected to smartphones. Some of these devices have innovative wraparound services to increase the likelihood of continued use eg games, incentives, rewards, sharing progress with peers. There is even an example of an app that 'fines' the user \$5 if they do not go to the gym for the time they have scheduled – the smartphone app can locate the gym through GPS and track the time!

The growing numbers of consumer products and services are generating considerable interest and raising awareness as demonstrated by the increasing numbers of health and fitness companies at the January [Consumer Electronics Show](#) in Las Vegas. As we have seen with computers, CDs, cameras and disc drives, new devices can disrupt the existing technologies by being cheaper and more fashionable. This can bring some dangers in terms of long term product use, quality and fitness for purpose. For medical devices it also raises issues of accuracy, calibration and efficacy as well as connectivity to health records and health service monitoring support. The continued use over time presents challenges for the individual user and service providers in keeping up to date with emerging technologies. Some products will fail to sell or be withdrawn – always a risk in a new market. Overall, the combination of self-tracking and self-management of health and wellness could help to significantly contribute to the health of the nation as well as earlier identification of disease.

### DALLAS and ALIP Programmes will help connect the technologies and services

The [DALLAS programme](#) will not only develop 3-5 communities with up to 50,000 users, it is also looking at interoperability across technologies and services as well as lifestyle issues. The [Assisted Living Innovation Platform](#) (ALIP) has ongoing programmes on business modeling and social and behavioural issues. The ALIP and DALLAS programme will help establish the connectivity across telecare, telehealth, mHealth and other assisted living technologies and services together with TVs, smartphones and other intelligent devices in the home.

### The challenge for commissioners and providers

Commissioners and service providers across health, housing and social care will need to plan carefully for their scaled programmes. Many commentators have cautioned about the importance of ensuring that services are reconfigured and where possible integrated prior to developing a scaled service. The 'Three Million Lives' initiative envisages that public and third sector organisations will need to work in partnership with industry and service providers to develop scalable models. The detailed reports from the WSD Programme will help us better understand the potential beneficiaries of technology-supported services allowing better planning and use of resources.

### **Developing an integrated approach across health and social care**

The Kings Fund have published a new report to the Department of Health and the NHS Future Forum advocating closer partnership working and integrated care. *Integrated Care for patients and populations: Improving outcomes working together* is available at:

[http://www.kingsfund.org.uk/publications/future\\_forum\\_report.html](http://www.kingsfund.org.uk/publications/future_forum_report.html)

Other suggested reading on 2012 trends from the monthly links round up:

[4 leading trends and technologies that will transform health and healthcare in 2012 and beyond](#)

[44M Mobile Health Apps Will Be Downloaded in 2012, Report Predicts](#)

[5 Digital health trends we're expecting to see at CES](#)

[5 mobile trends for 2012](#)

[ATA CEO: 7 Market Trends Shaping the Future of Telemedicine](#)

[2012 - a Year for mHealth?](#)

[2011 wrap and 2012 trends to watch](#)

[2.2 million patients are remotely monitored today](#)

[Can virtual nurses reduce hospital re-admission rates?](#)

### **Item 4a: Policy, funding and trends**

#### **New funding to support prevention and reablement services**

The Department of Health have announced a one-off allocation of £150m to Primary Care Trusts in England, for immediate transfer to local authorities for investment in social care services which also benefit the health system. This additional investment is intended to enable local services to discharge patients from hospital more quickly and provide effective ongoing support for people in their own homes. The aim is to reduce the pressure on health services, and particularly hospitals during the winter period.

Coupled with this, an additional £20 million will be allocated to the Disabled Facilities Grant for 2011/12, to help more people with a disability to access the aids and adaptations they require to live independently at home, saving them from an unnecessary stay in hospital or going into residential care.

For further information and to view the press release, go to:

<http://www.dh.gov.uk/health/2012/01/care-services-to-receive-170m-in-additional-funding/>, and

<http://mediacentre.dh.gov.uk/2012/01/03/extra-money-to-help-people-leaving-hospital/>

#### **New funding to aid adoption of innovative medical technologies in the NHS**

The NIHR Invention for Innovation (i4i) programme is launching a new funding stream – the i4i Challenge Awards programme. This aims to support researchers to demonstrate the healthcare benefits of their prototype medical devices in a clinical setting. The NIHR has allocated £15 million over the next three years to this new programme. The i4i Challenge Awards will hold an annual competition to address a particular ‘challenge’ facing the NHS. The first competition will open on 27 February 2012 and will address the diagnosis and monitoring of cardiovascular disease – the leading cause of death in England and worldwide. Cardiovascular disease encompasses a range of diseases



of the heart or blood vessels including coronary heart diseases such as angina and heart attack, stroke and peripheral arterial diseases such as thrombosis. The i4i Challenge Awards will be inviting applications seeking to implement diagnostic and monitoring point-of-care devices for cardiovascular diseases into everyday clinical practice.

[http://nihrcf.wordpress.com/2012/01/05/new-funding-to-aid-adoption-of-innovative-medical-technologies-in-the-nhs/?utm\\_source=twitterfeed&utm\\_medium=twitter](http://nihrcf.wordpress.com/2012/01/05/new-funding-to-aid-adoption-of-innovative-medical-technologies-in-the-nhs/?utm_source=twitterfeed&utm_medium=twitter)

To view other information on policy, funding and trends that may be of interest, click on the links below:

[£1.5bn cut for councils with social care responsibilities \(UK\)](#)

[£18m telemonitoring scheme launched in Northern Ireland \(UK\)](#)

[2011 wrap and 2012 trends to watch](#)

[5 Digital health trends we're expecting to see at CES](#)

[5 mobile trends for 2012](#)

[500 Million or 1 in 10 Adults Will have Diabetes by 2030](#)

[Adult social care and health to be integrated in Scotland \(UK\)](#)

[Adults Personal Social Services: specific revenue grants and capital grant allocations for 2012-13 | Department of Health \(UK\)](#)

[All I want for Christmas.... is better care for the elderly - The King's Fund \(UK\)](#)

[Almost half of elderly people live alone \(UK\)](#)

[Antidepressant use in England soars \(UK\)](#)

[Anxiety disorders have soared since credit crunch \(UK\)](#)

[Are 24,000 "deaths from diabetes" avoidable, as the BBC claims? \(UK\)](#)

[Are three million lives really ready for telehealth? \(UK\)](#)

[BBC News - £150m home care boost for elderly patients \(UK\)](#)

[BBC News - Dementia care: Hospitals 'must make improvements' \(UK\)](#)

[BBC News - Elderly care in England 'in crisis', charity warns \(UK\)](#)

[BBC News - Health care by TV and remote control \(UK\)](#)

[BBC News - New housing strategy for older Scots \(UK\)](#)

[BBC News - NHS Confederation: Hospital-based care 'must change' \(UK\)](#)

[BBC News - Poots launches £18m Telemonitoring NI service \(UK\)](#)

[BBC News - Sharp rise in social care fees a stealth tax \(UK\)](#)

[BBC News - Social care reform: Fears over funding plan \(UK\)](#)

[BBC News - Winter surge in patients using NHS Choices website \(UK\)](#)

[California's New Telehealth Law May Be the Trend-Setter](#)

[Call for care homes to face financial oversight \(UK\)](#)

[Care for elderly in 'absolute crisis', charity warns \(UK\)](#)

[Chronically Sick People: 12 Dec 2011: Hansard Written Answers and Statements \(UK\)](#)

[Community Care's predictions for social care in 2012 \(UK\)](#)

[Competition and health care quality - the debate continues \(UK\)](#)

[Council pilot scheme aims to transform local services through pooled budgets \(UK\)](#)

[Countries urged to sign up to EU eHealth Network](#)

[Critical Care Nurses' Largely Favorable Toward Telemedicine, Survey Finds](#)

[David Cameron orders merging of health and social care \(UK\)](#)

[Delivering assisted living lifestyles at scale - dallas seed communities - eight shortlisted \(UK\)](#)

[Demand for Mobile Health Tools Likely To Increase, Report Finds](#)

[Dementia timebomb spurs national hunt for answers \(UK\)](#)

[Developing a transformed care and support system | David Behan \(UK\)](#)

[DH - Health conversations | Blogs, columns and tweets \(UK\)](#)



[DH publishes first ever cash figure for QIPP savings progress \(UK\)](#)  
[Driving forward the uptake of e-Health with a new network for European Co-operation](#)  
[Eastbourne MP welcomes new funds for telecare team \(UK\)](#)  
[Elderly care reforms could get cross-party agreement, says Andrew Dilnot \(UK\)](#)  
[Elderly people face rising cost of council services \(UK\)](#)  
[Emergency admissions for dementia patients rise 12% \(UK\)](#)  
[Emergency bed use: What the numbers tell us - The King's Fund \(UK\)](#)  
[Ernst & Young: Benefits To Providing Patients With High-Tech Equipment \(UK\)](#)  
[Ernst & Young: Three Million Patients Will Receive High-Tech Equipment In The Home \(UK\)](#)  
[Escalating depression crisis is costing Britain £11bn a year \(UK\)](#)  
[European Commission sets up the eHealth Network](#)  
[Europe's Information Society Newsroom](#)  
[Expand Telemedicine to Curb High-Risk Pregnancies Proposed](#)  
[Experts Applauding Latest Telehealth Scheme](#)  
[Failing' care system putting elderly at risk \(UK\)](#)  
[FDA Issues Guidance on Using Social Media to Discuss Drugs, Devices](#)  
[Government announces Telecare for long term sick \(UK\)](#)  
[Government commits to wider rollout of telehealth services \(UK\)](#)  
[Government makes five year telehealth pledge \(UK\)](#)  
[Government must get serious about good value PFI alternatives \(Telehealth reference - UK\)](#)  
[Government must get serious about good value PFI alternatives \(UK\)](#)  
[GP practice boundary abolition pilot details announced \(UK\)](#)  
[Health and Social Care Review - Northern Ireland \(UK\)](#)  
[Good governance for clinical commissioning groups: an introductory guide \(UK\)](#)  
[The integrated approach to planning and assurance between Department of Health and the NHS for 2012/13 \(UK\)](#)  
[The new public health system \(UK\)](#)  
[High-tech healthcare set to help more patients across Kent, Surrey and Sussex \(UK\)](#)  
[Hospital staff 'lack skills to cope with dementia patients' \(UK\)](#)  
[Hospitals' dementia care criticised \(UK\)](#)  
[Hospitals told they should 'speed up' treatment for the elderly \(UK\)](#)  
[How youngsters are helping older people move online \(UK\)](#)  
[ICT solutions for Active and Healthy Ageing - Ambient Assisted Living](#)  
[IEEE Experts Predict 12 Consumer Technology Trends for 2012 at CES](#)  
[Improving dementia services \(UK\)](#)  
[Innovative teams receive funding to develop ideas for helping older adults stay socially connected \(UK\)](#)  
[Inquiry launched after significant rise in dementia diagnosis \(UK\)](#)  
[Integrated care for patients and populations: Improving outcomes by working together - The King's Fund \(UK\)](#)  
[Integration is notoriously difficult to achieve \(UK\)](#)  
[Integration should be given same priority as reducing waiting times, says report \(UK\)](#)  
[Involving older people in service commissioning: more power to their elbow? \(UK\)](#)  
[It's time to remove the barriers to telehealth' \(UK - HSJ requires subscription\)](#)  
[Kenya Has Mobile Health App Fever](#)  
[Local government's role in healthcare \(UK\)](#)  
[Making the most of evaluation to ensure health policy reform is evidence based](#)  
[Mobile applications can help you improve your well-being \(UK\)](#)  
[Moms choose technology that connects them to other moms](#)  
[More Go Online For Health Enquiries \(UK\)](#)  
[Mounting Evidence of the Benefits of Telehealth: U.K. Study Shows 45% Reduction in Mortality Rates](#)

[National Consumer Research Institute Predicts Top Five Health Trends for 2012](#)  
[Neurological care poor despite large investment \(UK\)](#)  
[Neurology services get worse despite extra cash \(UK\)](#)  
[New public health system takes shape as more details published \(UK\)](#)  
[Newcastle City Council cuts spark concern for the elderly \(UK\)](#)  
[NHS contracts worth over £500k to be opened up to European competition \(UK\)](#)  
[NHS Direct - Update on the Whole Systems Demonstrator Programme \(UK\)](#)  
[NHS England QIPP savings: £2.5B in first six months \(UK\)](#)  
[NHS patients 'will be able to view medical records online' \(UK\)](#)  
[NHS performance indicators launched \(UK\)](#)  
[NHS trust plans alternative to 'outdated hospital model' \(UK\)](#)  
[Northern Ireland GPs to play bigger role after health review \(UK\)](#)  
[Not the type of tablet I had in mind, doctor](#)  
[Number of elderly taken to A&E soars to 1.2m, figures reveal \(UK\)](#)  
[Nursing in Practice - GPs issue telehealth warning \(UK\)](#)  
[Nursing in Practice - NI launches £18m telehealth scheme \(UK\)](#)  
[One in four hospital patients 'could be recovering at home' \(UK\)](#)  
[Only social care reform will keep the NHS from its deathbed \(UK\)](#)  
[Patients 'should be asked about their habits every time they see NHS staff' \(UK\)](#)  
[Patients should have online access to medical records, says report \(UK\)](#)  
[Patients to edit medical records by 2015 \(UK\)](#)  
[Patients will be able to register with any GP: ministers \(UK\)](#)  
[Paul Burstow - next steps for social care reform \(UK\)](#)  
[Paving the way for eHealth](#)  
[Politicians urged to seize chance to change social care \(UK\)](#)  
[Poots launches £18m state-of-the-art Telemonitoring NI service \(UK\)](#)  
[Predicting The Top Five Health Trends For 2012](#)  
[Primary care trust allocations announced \(UK\)](#)  
[Public's view sought on eHealth \(UK\)](#)  
[Register with a GP practice of your choice - pilot announced \(UK\)](#)  
[Reviewing the evidence on case management: lessons for successful implementation - The King's Fund \(UK\)](#)  
[Richard Smith: Does it still make sense for healthcare to be free and social care means tested? \(UK\)](#)  
[Rising rates of chronic disease opening doors for telemonitoring tech](#)  
[SA govt kicks off \\$408m e-health roll-out](#)  
[Safety and Security on the Internet: Challenges and Advances in Member States](#)  
[Scandal of NHS 'production line' as readmissions soar - Telegraph \(UK\)](#)  
[Scheme allows patients to monitor own health \(UK\)](#)  
[Secretary of State for Health visits Countess of Chester Hospital \(UK\)](#)  
[Self pay LTC on the rise - Laing and Buisson \(UK\)](#)  
[Self-care scheme launched \(UK\)](#)  
[Senior Care Technology Review: Mobile Data Charting, Telecare, and 2012 Trends](#)  
[Services for people with neurological conditions - National Audit Office \(UK\)](#)  
[Six in ten dementia sufferers not diagnosed \(UK\)](#)  
[Social care leaving elderly to suffer 'terrible abuse', says expert coalition \(UK\)](#)  
[Social workers 'must join renewed effort to integrate care' \(UK\)](#)  
[Stealth rise puts home care fees at £7,000 a year \(UK\)](#)  
[Steep rise in visits to NHS Choices \(UK\)](#)  
[Technology is the way forward for NI health and social care in Northern Ireland \(UK\)](#)  
[Telecare references in House of Lords debate \(UK\)](#)  
[Telehealth Devices to Reduce Health Costs \(UK\)](#)

[Telehealth references in House of Lords debate \(UK\)](#)  
[Telehealth trial shows early success \(UK\)](#)  
[Telehealth Whole System Demonstrator \(WSD\) report - implications for the future of healthcare - YouTube \(UK\)](#)  
[Telehealth Whole System Demonstrator \(WSD\) report - implications for the future of healthcare \(UK\)](#)  
[Telehealth: 15 Dec 2011: Hansard Written Answers and Statements \(UK\)](#)  
[Telemonitoring Launched by Poots \(UK\)](#)  
[The benefits of joined-up care \(UK\)](#)  
[The State of Quantified Self: Another Year of Growth](#)  
[The week: issue 226 | Department of Health \(UK\)](#)  
[Thousands of elderly people face risk of abuse because of failing care system, Cameron is warned \(UK\)](#)  
[Three million lives "will improve through telehealth" \(UK\)](#)  
[Three million patients to get telecare, DH pledges \(UK\)](#)  
[Time for a fresh approach to commissioning - The Nuffield Trust \(UK\)](#)  
[Top 10 health searches from mobile devices in 2011](#)  
[Tunstall Telehealthcare Blog: TF3 Consortium to provide large-scale telemonitoring service in Northern Ireland \(UK\)](#)  
[U.K. report reveals great potential for telemedicine \(UK\)](#)  
[U.K. unveils long-term telehealth campaign \(UK\)](#)  
[UK finds telehealth reduces mortality by 45%; telehealth's tipping point in 2012 \(UK\)](#)  
[UK telehealth success could lead the way for Europe \(UK\)](#)  
[UK to expand telehealth to three million people \(UK\)](#)  
[UK Unveils Long-term Telehealth Campaign \(UK\)](#)  
[UK: Telehealth campaign launched to help 3 million people \(UK\)](#)  
[UK: Three million lives will be improved through hi tech health project \(UK\)](#)  
[UTV News - Chronic illnesses to be managed at home \(UK\)](#)  
[WHO publication - mHealth New horizons for health through mobile technologies](#)  
[Whole System Demonstrator \(UK\)](#)  
[Whole System Demonstrator Programme \(UK\)](#)  
[Telehealth can cut mortality rates 45%, says DH](#)  
[BBC News - 'Planned 49% limit' for NHS private patients in England \(UK\)](#)  
['AGE TIME BOMB' IS RISK TO FREE PERSONAL CARE FOR ELDERLY](#)  
[Any qualified provider map \(UK\)](#)  
[NHS private income cap to be lifted \(UK\)](#)  
[NHS whistleblowing helpline to be extended to social care staff \(UK\)](#)  
[One in four hospital patients 'would be better off if they were treated in their own home' \(UK\)](#)  
[Setting up Lambeth's first health and wellbeing board \(UK\)](#)  
[BBC News - Finance woe 'will prompt major NHS revamp' \(UK\)](#)  
[Blues Plans Pilot New Wellness Tool With Personalized Web Platform](#)  
[Cumbria to trial new Healthwatch scheme for patients \(UK\)](#)  
[Debt-ridden hospitals told to reform to save patients lives \(UK\)](#)  
[Elderly care reforms too concerned with protecting children's inheritances, says John Redwood \(UK\)](#)  
[Experience-based co-design - The King's Fund \(UK\)](#)  
[GPs 'will be paid twice' under NHS reforms \(UK\)](#)  
[Allied health professional referral to treatment \(AHP RTT\) revised guide 2011 \(UK\)](#)  
[HHS names Pioneer ACOs](#)  
[Integrated care should be this decade's number one priority' \(HSJ - requires subscription\)](#)  
[Mobile Healthcare: Simplifying Meaningful Use Requirements](#)  
[NHS financial performance was good but there are significant challenges ahead \(UK\)](#)  
[NHS on track to make £358 million in drug savings \(UK\)](#)

[NHS Vault: Diabetes Audit \(UK\)](#)  
[Public health director to be statutory council post \(UK - requires subscription\)](#)  
[Reducing Hospital Readmissions](#)  
[Results of GP patient survey \(UK\)](#)  
[Telehealth validated by first results from WSD programme \(UK\)](#)  
[The Maynard Doctrine: Clinical practice variations and improving NHS productivity: mirages or realities? \(UK\)](#)  
[Trendwatching.com's 12 Consumer Trends for 2012](#)  
[UK govt announces telehealth initiative, reports telehealth findings \(UK\)](#)  
[Whole system demonstrator programme: Headline findings \(UK\)](#)

#### **Item 4b: Business intelligence and product development**

To view other information on business intelligence and product development that may be of interest, click on the links below:

[10 mHealth things you will be doing by 2015 or before!](#)  
[10 Tech Trends that are Going Mainstream and What to Do](#)  
[2.2 million patients are remotely monitored today](#)  
[2012 - a Year for mHealth?](#)  
[2012 will see a plethora of Bluetooth 4.0 devices](#)  
[2020Health - Happy New Year Predictions \(UK\)](#)  
[4 leading trends and technologies that will transform health and healthcare in 2012 and beyond](#)  
[4 technologies that will transform eHealth in 2012](#)  
[44M Mobile Health Apps Will Be Downloaded in 2012, Report Predicts](#)  
[5 Reasons the iPad Will Revolutionise Home Health](#)  
[8 key issues for population health management in 2012](#)  
[A 2011 healthcare IT year-in-review mashup](#)  
[A glimpse into the future of health tech with Microsoft's Dr. Bill Crouse](#)  
[A remarkable two dollar smartphone attachment that can measure eyesight #mHS11](#)  
[A roving eye: Home health monitoring with robotic systems](#)  
[A tablet for local health \(UK\)](#)  
[A Text a Day to Keep the Doctor Away](#)  
[Aetna Reveals It Acquired Healthagen, Developer Of The #1 Mobile Health App iTriage](#)  
[AirStrip secures CE Mark, heads to Europe](#)  
[AirStrip wins best iPhone medical app distinction from Apple](#)  
[Ambucor Expanding Pacemaker and ICD Monitoring Programs](#)  
[An app to put sleep apnoea to bed](#)  
[Apollo introduces telemedicine centres](#)  
[App challenge winners harness public data for cancer treatment](#)  
[App could aid Parkinson's sufferers](#)  
[As Doctors Use More Devices, Potential for Distraction Grows](#)  
[Ask the Expert: How to Create a Successful Mobile Health Gamification Experience](#)  
[askTARA | Products and Services that can help you Stay Independent \(UK\)](#)  
[At CES, Expect More Gadgets Telling You to Get Off the Couch](#)  
[ATA aims to boost telemedicine use for neonatal care](#)  
[ATA Calls for Changes To Support Greater Use of Telehealth in Hospitals](#)  
[ATA CEO: 7 Market Trends Shaping the Future of Telemedicine](#)  
[Atlanta installs enhanced 911 system](#)  
[Australian Telehealth Network Launched](#)

[Australian Telehealth Network Launches its Video Consultation Services in Partnership with BCS Global and Vidyo](#)

[Baby Pajamas Talk To Your Phone, Tablet Via Cloud](#)

[BBC News - Footballers, friends and zombies: Fitness tech gets social \(UK\)](#)

[Big providers compare notes on product usage](#)

[Blood pressure monitor uses any Bluetooth version 4.0 'Smart Ready' smartphone or computer](#)

[Bluetooth Smart Heart Rate Monitor Stays Ahead of the Beat](#)

[BMJ Group blogs: Nick Goodwin: Case management and the urgent need for primary care investment \(UK\)](#)

[Bosch Healthcare - Telehealth and Care Solutions to join forces](#)

[Bringing Clinicians into the Health IT Fold](#)

[Can mobile apps and devices curb obesity?](#)

[Can Telehealth Reduce Costs?](#)

[Can virtual nurses reduce hospital re-admission rates?](#)

[Can we fix our attitude to the elderly? \(UK\)](#)

[Can you pronounce health care predictive analytics?](#)

[Canadian team's portable device could ease HIV/AIDS monitoring](#)

[CardioMapper: First iPhone app to use Bluetooth Smart](#)

[Cell Phone Cameras Capture Microscopic Images to Diagnose Malaria and other Diseases](#)

[Changes in medical device information pose lawsuit risks for doctors](#)

[Cisco, Walgreens Partner To Market Telemedicine Tools](#)

[Code of practice could improve disability procurement \(UK\)](#)

[Connectivity In Medical Devices Provides Critical Information in Real Time](#)

[Constant Connectivity, Proliferation of Mobile Devices and Applications Will Create More Security](#)

[Consumer-Driven Strategies Prove Successful in the Convuluted Remote Health Monitoring Market](#)

[Finds Frost & Sullivan](#)

[Consumers are at the center of the business of health and wellness](#)

[Cotton computing goes live at Cornell textiles lab](#)

[Could collaboration cure cancer?](#)

[Creating connections to help those with brain injuries in Southwest Virginia](#)

[CUHTec News - medication adherence \(UK\)](#)

[Cutting Edge App to Monitor Blood Work Easier Recently Released for iPhone, iPod Touch and iPad](#)

[Czech Oncology Center Uses Wi-Fi RTLS to Locate People, Equipment](#)

[Dentists Could Screen 20 Million Americans For Chronic Physical Illnesses](#)

[Despite mHealth's growth, device maturation still needed](#)

[Deutsche Telekom invests in high-profile health device vendor](#)

[Devices to Keep Track of Calories, Lost or Gained](#)

[Digitizing Human Beings](#)

[Disruptions: Wearing Your Computer on Your Sleeve](#)

[Distance medicine will transform medical practice](#)

[DIY Home Electronic Contact Lens](#)

[Do You Want to Be Able to Read and Share Your Medical Records?](#)

[Docs use telehealth to diagnose pediatric hearing problems](#)

[Doctor: Social media can help create bond with patients](#)

[Doctors look to treat sick children in virtual worlds](#)

[Does the mHealth movement have an image problem?](#)

[Dr Topol: Haven't used a stethoscope in 2 years](#)

[ebuddies.org - Welcome to e-Buddies!](#)

[E-Health Insider: Kidney Unit trials mobile monitoring \(UK\)](#)

[E-Health Insider: NHS needs clarity in 2012 \(UK\)](#)

[Eight fitness gadgets that actually work](#)

[Eight New Diabetes Products to Look for in 2012](#)  
[Eight New Health Technologies That May Change Your Life](#)  
[Elder Care iPhone Apps by Dr Marion](#)  
[Elderly relatives not on Facebook? There's Mindings for that \(UK\)](#)  
[Embedded M2M Solutions - IDEAL LIFE and Sprint Join to Create Pathway for Millions to Get Mobile Healthcare](#)  
[Employees monitor their blood pressure at home](#)  
[Epatients: The hackers of the healthcare world](#)  
[Europe Patient Monitoring Market Outlook to 2017 - Fetal Monitors, Multiparameter Patient Monitoring, Neonatal Monitors, Non-Invasive Blood Pressure Monitors, Remote Patient Monitoring and Others - MarketWatch](#)  
[Even limited telemedicine could improve developing health](#)  
[Ex-Microsoft Canada President on Telehealth](#)  
[Facebook Pages now Available for All 152 VA Medical Centers - Health Care](#)  
[Faster Fashion: Intelligent Textiles Monitor Personal Biometrics](#)  
[FDA approves first iPhone glucose meter](#)  
[FDA Regulation of Mobile Health Technologies](#)  
[First iPhone Blood Glucose Meter Approved by FDA](#)  
[Fitbit Ultra - released in UK](#)  
[Five Reasons Why Physicians Need to Use Social Media](#)  
[Flagstaff rolls out CHF monitoring program](#)  
[For some, Facebook is route to new kidney](#)  
[Front Porch, an operator of retirement communities, will test using cell phone texting to improve adherence to medication regimens](#)  
[Getting wise to the smart home - Aged Care INsite](#)  
[Ginger.io co-founder explains his vision for a human check engine light](#)  
[Global Health and Wellness News: Telemedicine](#)  
[Going Paperless in a Cardiac Clinic](#)  
[Happtique - mHealth Apps for Professionals](#)  
[Have governments bought into the potential of mobile health?](#)  
[Health and wellness report predicts industry disruption as consumer and medical products converge](#)  
[Health apps already a bigger market than remote monitoring](#)  
[Health apps set to surge](#)  
[Health care's top 2012 issues: technology, social media, security \(US\)](#)  
[Health data security risks increasing because of smartphones](#)  
[Healthcare Web Portal from Medical Web Experts Featured on New Social Website](#)  
[How2Connect.com](#)  
[Healthcare, Technology & Government 2.0: Health IT Trends in 2012: Clouds and Mobile Health](#)  
[Healthrageous is finding opportunity in the quantified self business, anticipating big 2012 #mhs11](#)  
[HealthTap gets \\$11.5M investment to fund interactive health network](#)  
[Heart rhythms recorded remotely](#)  
[HL7 Standards Product Brief - HL7 Implementation Guide for CDA Release 2](#)  
[Honeywell HomMed resources](#)  
[How anonymous is NHS patient data? \(UK\)](#)  
[How are you? The Social Network for Health](#)  
[How Can California Make Most of Telehealth Law?](#)  
[How Digital Tech Has Changed Long-Term Patient Care](#)  
[How is Gaming Changing the Landscape in Health Care? Part 2 | Joseph C. Kvedar, Center for Connected Health](#)  
[How Social Media Can Destroy Your Organization . . .and Improve it Too](#)  
[How will the mobile health market evolve in 2012?](#)

[I, Robot. Be Patient](#)  
[IBM Explains How Mind-Reading Machines Will Change Our Lives](#)  
[ICW Part of German Consortium that Wins Award for Telemedicine Achievement](#)  
[IDEAL LIFE And Sprint Introduce New Home Health Wellness](#)  
[iFit: Apple works out fitness centre app](#)  
[iMedicalApps launches forum for mobile medical community](#)  
[Improving Cancer Care Via Patient Empowerment And System Transformation](#)  
[In health technology, an enthusiasm gap between startups and doctors](#)  
[Independa Adds Wireless Sensors to Remote-Monitoring Platform for Seniors - Health Care IT - News & Reviews - eWeek.com](#)  
[India Diabetes Care Devices Market Outlook to 2017 - Glucose Monitoring and Insulin Delivery](#)  
[In-home monitoring trial proves successful - Aged Care INsite](#)  
[Interoperability in health care information systems](#)  
[Interoperability in health care information systems: it's about patient care](#)  
[Involving service users in service design \(UK\)](#)  
[iPad App Remotely Monitors Pacemakers, Defibrillators](#)  
[iPad app tests athletes for concussion](#)  
[iPad: 'Wild West' of Medical Apps Seeks Sheriff](#)  
[iQ-MOBILITY Laptop for Radiology Diagnosis from Anywhere](#)  
[Is Disruption of Mainstream Healthcare the Answer to Our Crisis?](#)  
[Is telecare policy in search of new ideas? \(UK\)](#)  
[Is the FDA going to really going to protect patients from mHealth device failings?](#)  
[iTriage Announces Integration With Microsoft HealthVault PHRs](#)  
[iTriage, Microsoft HealthVault partner for PHR mobility](#)  
[Kaiser, Mayo press for standard product identifiers to improve patient safety - FierceHealthIT](#)  
[KUMC's pioneering telemedicine program marks 20 years](#)  
[LARK Unveils New Personal Sleep Coach for Better Sleep](#)  
[Lessons From WellDoc's Mobile Health App](#)  
[Massive Mobile Health Uptick Forecasted](#)  
[McKesson Homecare Talk](#)  
[Medical Devices Get Wireless, Smart, Secure](#)  
[Medicare to tackle chronic illnesses with home care](#)  
[Medication Reminder | Telecare Technology](#)  
[Medtronic Launches First-of-Its-Kind mySentry\(TM\) Remote Glucose Monitor](#)  
[mHealth and Home Monitoring - 4th Edition](#)  
[mHealth and Home Monitoring \(2.2m\)](#)  
[mHealth: New Horizons for Health Through Mobile Technologies](#)  
[mHealth: Seemingly Stuck in Neutral](#)  
[Microneedle Array Allows Real-Time Monitoring Of Body Chemistry](#)  
[Microsoft launches HealthVault Windows Phone app](#)  
[Microsoft leverages Cambridge app to boost medical care \(UK\)](#)  
[Mobile and Web Applications to Receive a Healthy Dose of Injection](#)  
[Mobile health and the globalization of medicine](#)  
[Mobile musings after the mHealth Summit](#)  
[More recognition for the role of carers \(UK\)](#)  
[National Science Foundation gives \\$1.2 million grant for developing diabetes app that will help prevent limb amputations by using smartphone camera](#)  
[New 7-Day Body Monitor Patch from BodyMedia & Avery Dennison Medical Solutions Will Aid in Wellness Initiatives Including Weight Management](#)  
[New Innovators](#)  
[New technology can detect white coat hypertension](#)



[New teleaudiology program to improve follow-up for newborns who did not pass hearing screening](#)  
[News & Updates Health 2.0 News](#)  
[Nine Experts Weigh In on 2011 Health IT Progress, Hopes for 2012](#)  
[Norway Patient Monitoring Market Outlook to 2017 - Fetal Monitors, Multiparameter Patient Monitoring, Neonatal Monitors, Non-Invasive Blood Pressure Monitors, Remote Patient Monitoring and Others | Benzinga](#)  
[Obesity, Diabetes Poses Threat to Young Americans](#)  
[Optical Sensor Aims To Revolutionise Blood Pressure Monitoring \(UK\)](#)  
[Orca Health crafts new level of sophistication in patient education apps, interview with CEO Matt Berry #mHS11](#)  
[Our Data, Ourselves](#)  
[Partnership forged between WMAS and Dudley Council to provide care to residents](#)  
[Patient Medication Adherence: The Next Act](#)  
[Personal Technology: A Diabetic Meter That Talks to iPhones and Doctors](#)  
[Perverse incentives still holding back home telehealth](#)  
[Portable ECG technology making a splash in rural areas, potential for widespread adoption](#)  
[Predicting the Future of Health IT: How It Could Curb Medical Costs and Transform Healthcare Delivery](#)  
[Preventice turns to Mayo, life science partners to help develop mobile apps](#)  
[Prime Minister To Get Personalised Government iPad App \(UK\)](#)  
[Productivity in Healthcare -- Telemedicine](#)  
[Professor's cell phone microscope honored as best innovation of 2011](#)  
[Qualcomm puts down a big bet on mobile health](#)  
[Reducing Infant Mortality With Phones](#)  
[Remote cardiac monitoring system reaches milestone](#)  
[Remote diabetes monitor receives approval in the US](#)  
[Remote Patient Monitoring Shows Strong Growth](#)  
[Robot consultation](#)  
[Robotic devices help paralyzed people](#)  
[Robots in medicine](#)  
[Scaling Up Mobile Health: Elements Necessary for the Successful Scale Up of mHealth in Developing Countries](#)  
[Scottish technology to help doctors detect early warning signs of breathing problems \(UK\)](#)  
[Self management support - Health Foundation \(UK\)](#)  
[Selling mobile health technology to the masses - Health IT Pulse](#)  
[Sitekit awarded Technology Strategy Board funding to build an online eCommissioning Community \(UK\)](#)  
[Skin patch-like device could simplify monitoring of vital signs](#)  
[Smart Way Of Saving Lives In Natural Disasters](#)  
[SmartHF Releases First Wi-Fi Heart Rate Monitor for iPhone, iPad](#)  
[Smartphone Apps Bolster Patient Engagement](#)  
[Smartphones blamed for increasing risk of health data breaches](#)  
[Social gaming to engage patients and improve wellness](#)  
[Study Shows Young Adults Use Apps to Achieve Personal Goals in 2011](#)  
[Supermarket staff to be trained to identify 'hidden carers' \(UK\)](#)  
[Supporting the patient revolution in the NHS \(UK\)](#)  
[Tech To Watch 2012: Fitness Gadget Explosion](#)  
[Technological Healing](#)  
[Technology and the Accountable Care Organization](#)  
[Technology key to 'new model' of NI health and social care \(UK\)](#)  
[Telcare's wireless glucometer to launch](#)

[Telecare suite opens door to new technology in Elmbridge \(UK\)](#)  
[Telecare24 - The Careline Service for the 21st Century Launches \(UK\)](#)  
[Telehealth - Top 7 community blogs of 2011](#)  
[Telehealth in Carmarthenshire joint working with Carmarthenshire County Council Telecare Team \(UK\)](#)  
[Telehealth Services May Support Mass Exodus From Nursing Homes - Better Health](#)  
[Telehealth technology makes inroads into health care industry](#)  
[Telehealth, Remote Monitoring and Mobile Health](#)  
['Telemedicine' brings emergency help to rural areas](#)  
[Telemedicine Helps Assist Veterans](#)  
[Telemedicine in Medicaid Can Improve Neonatal Care, Save \\$186 Million](#)  
[Telemedicine moving from novelty to necessity for hospitals](#)  
[Telemedicine solution improves practice productivity, pleases patients](#)  
[Telemedicine startup aims to be ATM for healthcare - displace retail clinics](#)  
[Telemedicine to help patients with eye disorders](#)  
[Telemedicine Today: Part 3—System Examples and Lessons Learned](#)  
[Telemonitoring Technology Helps People Track Their Health at Home](#)  
[Telemonitoring: Challenges & Opportunities](#)  
[Texting program to help teens quit smoking](#)  
[The Best of Medgadget 2011](#)  
[The evolution of gaming and its effect on prevention and wellness #mhs11](#)  
[The first HTML5 radiology viewer approved by the FDA, review of Vue Motion Medical Image Viewer](#)  
[The Healthcare Industry Finds Telehealth Irresistible](#)  
[The Internet Gets Physical](#)  
[The road ahead for health games](#)  
[The robot that makes house calls - The Boston Globe](#)  
[The Savings Illusion - Why Clinical Quality Improvement Fails to Deliver Bottom-Line Results - NEJM](#)  
[The Skylight Mobile Microscope](#)  
[The Stroke Association - Personal alarm service \(UK\)](#)  
[The Telecare Blog: Wondering about wandering](#)  
[The telehealth year in review](#)  
[The Telemedicine Reporter - 16 Dec 2011](#)  
[The top three barriers to telehealth adoption](#)  
[Thousands Of Lives Could Be Saved By Simple Test To Help Diagnose Bowel And Pancreatic Cancer](#)  
[Tiny Wireless Heart Monitor](#)  
[Today's Wearable Computers Help You Sleep, Not Tweet](#)  
[Top 10 iPhone medical apps for 2011](#)  
[Treating High Blood Pressure May Add Years to Life](#)  
[Tunstall completes acquisition of AMAC](#)  
[Tunstall Healthcare Group Completes Acquisition Of American Medical Alert Corp](#)  
[Tunstall Telehealthcare Blog: Bringing care closer to home with telehealth \(UK\)](#)  
[Unconnected medical devices will soon become obsolete, conversation with Qualcomm Life VP Rick Valencia #mHS11](#)  
[USDA Grants More Than \\$30M for Telehealth, Other Projects](#)  
[Use caution providing medical advice via telephone](#)  
[Use of Devices in Care Settings Can Distract Physicians, Experts Say](#)  
[User-Friendly Technology Ensures Safety of Independent Seniors](#)  
[Video Report: What is mHealth? - YouTube](#)  
[Vidyo Powers Telemedicine in France - YouTube](#)  
[Wahoo Fitness Blue HR Bluetooth heart rate monitor disclosed for iPhone 4S](#)  
[Walt Mossberg On Wireless-Enabled Glucometer](#)

[Welcome | SILvR Network Initiative](#)

[What is Teleradiology?](#)

[Why Aetna acquired iTriage app maker Healthagen](#)

[Why Hospitals Should Provide the Mobile Devices](#)

[Why patients are turning less to media and friends for health information](#)

[Will 2012 be the year of the accountable care organization? \(HSJ requires subscription\)](#)

[Will you track your health data with apps or a device?](#)

[Wireless health technology will be on people's minds, devices in 2012](#)

[With 73 Million Americans Now in Managed Care, Telemedicine is Set To Boom](#)

[Worcester \(Mass.\) Polytechnic Institute will develop a smartphone app to aid patients with diabetes and foot ulcers to manage their disease](#)

[World's First Production-Ready Bluetooth Low Energy Blood Pressure Monitor](#)

[WSJ's Walt Mossberg Tests Telcare Connected Blood Glucose Meter](#)

[Yoritex: new mhealth hub device \(Canada\)](#)

#### **Item 4c: Research, evaluation and evidence**

To view other information on research, evaluation and evidence that may be of interest, click on the links below:

[24,000 'excess' deaths from diabetes - NHS Choices \(UK\)](#)

[A Holistic Approach to Assess Older Adults' Wellness Using e-Health Technologies](#)

[A review of telephone coaching services for people with long-term conditions](#)

[Acceptance of e-Health Technology: A Patient Perspective](#)

[Adoption of telemedicine: from pilot stage to routine delivery](#)

[Although Slow to the Cloud, Practicing Physicians Embrace Mobile Healthcare](#)

[Asynchronous telemedicine can improve healthcare delivery in rural areas](#)

[Atlas of Variation 2011 \(UK\)](#)

[Aventyn Remote-HF-1 Mobile Heart Failure Clinical Study Sponsored at International Heart Centers](#)

[Blood Pressure Monitoring Methods Inconsistent](#)

[Brain function can start declining 'as early as age 45' \(UK\)](#)

[Broken arms among boomers likely to rise](#)

[Community nurses need to convince GPs of case management value \(UK\)](#)

[Competition, integration and incentives: the quest for efficiency in the English NHS | The Nuffield Trust \(UK\)](#)

[Computerised decision aids: A systematic review of their effectiveness in facilitating high-quality decision-making in various health-related contexts](#)

[Cost per fall: a potentially misleading indicator of burden of disease in health and residential care settings - Haines - 2011 - Journal of Evaluation in Clinical Practice - Wiley Online Library](#)

[Cost-effectiveness of an intensive telephone-based intervention for smoking cessation](#)

[Costs and financial benefits of video communication compared to usual care at home: a systematic review](#)

[Desired Features of Smartphone Applications Promoting Physical Activity](#)

[Diabetes report reveals 24,000 a year die from condition avoidably early \(UK\)](#)

[Diabetes self-management in patients with low health literacy: Ordering findings from literature in a health literacy framework](#)

[Effect of Integrated Care on Advanced Chronic Obstructive Pulmonary Disease in High-Mortality Rural Areas](#)

[Effects of lifestyle intervention in persons at risk for type 2 diabetes mellitus--results from a randomised, controlled trial](#)

[Evaluation of East Riding PCT Telehealth service \(UK\)](#)  
[Evaluation of the extra care housing initiative - Housing LIN \(UK\)](#)  
[Falls Detector Dissemination Event \(UK\)](#)  
[GPs 'lack levers' to influence A&E attendance \(UK\)](#)  
[Hip fractures and dementia](#)  
[How engagement within intermediate care can prevent admissions \(HSJ - requires subscription, UK\)](#)  
[Impact of a kiosk educational module on HIV screening rates and patient knowledge](#)  
[Improving Access to Information and Support for Patients With Less Common Cancers: Hematologic Cancer Patients; Views About Web-Based Approaches](#)  
[Improving health and health care in London: Who will take the lead? - The King's Fund \(UK\)](#)  
[Increase in patients going online for health information over Christmas \(UK\)](#)  
[Increased heart rate linked to mortality](#)  
[Independent Project Newsletter \(UK\)](#)  
[In-Person Versus Telehealth Assessment of Discourse Ability in Adults with Traumatic Brain Injury](#)  
[Integration of Telecare & Telehealth - user requirements & outcome-driven system development \(UK slides\)](#)  
[JMIR-Internet Use for Health-Related Information via Personal Computers and Cell Phones in Japan: A Cross-Sectional Population-Based Survey](#)  
[Life-long Tele-monitoring of Patients With Type 2 Diabetes Mellitus in Central Greece](#)  
[Methodologies for Assessing Telemedicine: A Systematic Review of Reviews](#)  
[Mobile-phone text messaging \(SMS\) for providing oral health education to mothers of preschool children in Belgium City](#)  
[National Audit of Dementia \(UK\)](#)  
[New Mothers and Media Use: Associations Between Blogging, Social Networking, and Maternal Well-Being](#)  
[Numbers show high cost of skipping your meds](#)  
[Nurse practitioners don't improve readmissions](#)  
[Obesity linked to older adults' risk of falls](#)  
[One-third of patients don't follow up in month after hospital discharge](#)  
[Online Holistic Wellness Health Study Shows that Cognitive Status, Physical Health and Daily Functioning are Interrelated](#)  
[Prediction models for the risk of cardiovascular disease in patients with type 2 diabetes: a systematic review](#)  
[Preparing for the Telehealth World: Navigating Legal, Regulatory, Reimbursement, and Ethical Issues in an Electronic Age](#)  
[Remote Assessment of Stroke Using the iPhone 4](#)  
[Remote Interventions May Facilitate Weight Loss](#)  
[SCIE Report on economics in social care \(UK\)](#)  
[Study Finds Few Cancer Survivors Interested in 'Virtual' Follow-Up Care](#)  
[Study: Medical homes saved North Carolina nearly \\$1 billion](#)  
[Technology and the healthcare system: implications for patient adherence](#)  
[Teleconsultation: changes in technology and costs over a 12-year period](#)  
[Telehealth Practice Recommendations for Diabetic Retinopathy, Second Edition](#)  
[Telehealth Stroke Education for Rural Elderly Virginians](#)  
[Tele-ICU helps to reduce patient readmissions, length of stay](#)  
[Telemedicine: Moving bytes instead of bodies | Special coverage of 99th Indian Science Congress 2012](#)  
[Texts from physicians can reduce unhealthy drinking by young adults](#)  
[The Design and Realization on ECG Telemonitoring Apparatus for Community Patients Based on GPRS Archive](#)

[The mPED randomized controlled clinical trial: Applying mobile persuasive technologies to increase physical activity in sedentary women protocol](#)  
[The Potential of Cellular Technology to Mediate Social Networks for Support of Chronic Disease Self-Management](#)  
[The value of telephone triage for patients with appendicitis](#)  
[Three challenges facing clinical commissioning groups - The King's Fund \(UK\)](#)  
[Three Countries Study Tour: Leg one: Arhus and Copenhagen, Denmark - The King's Fund](#)  
[Timing of onset of cognitive decline: results from Whitehall II prospective cohort study \(UK\)](#)  
[Treatment for sleep apnea could benefit diabetes patients](#)  
[Veterans telemonitoring trial](#)  
[Video Medical Interpretation over 3G Cellular Networks: A Feasibility Study](#)  
[Video: Eliminating Barriers To Care Using Technology](#)  
[Video-Telemedicine in a Memory Disorders Clinic: Evaluation and Management of Rural Elders with Cognitive Impairment](#)  
[Why we need to care for the carers \(UK\)](#)  
[Wide heart monitor use tied to missed alarms](#)  
[Willingness to pay for a cardiovascular prevention program in highly educated adults: A randomized controlled trial](#)

#### **Item 4d: Long term conditions**

(Note that long term conditions are also covered in other categories as policy, trends, innovations)

[Canadians with chronic illness find it tough to get care](#)  
[Combining Telehealth And Mobile Technology To Improve The Quality Of Health Care](#)  
[Electronic Health Records and Quality of Diabetes Care](#)  
[Half of all smokers underestimate the health and financial impacts of smoking \(UK\)](#)  
[Home monitoring helps manage heart failure](#)  
[Home monitoring may help manage, reduce costs for heart failure](#)  
[JACC: Benefits of home monitoring for HF yet to be fully seen](#)  
[MIND Online Launches for Those Affected by Neurodegenerative Diseases](#)  
[Virtual visits unpopular among cancer survivors](#)

#### **Item 4e: Learning and events**

To forthcoming learning opportunities and events that may be of interest, click on the links below:

PhD research Opportunity in Tele-Healthcare (Jan 2012)

(funded by UK Medical Research Council) – University of Glasgow, based at the Multidisciplinary Institute of Health & Well-being

<https://connect.innovateuk.org/web/assisted-living-innovation-platform-alip/articles/-/blogs/phd-research-opportunity-in-tele-healthcare>

The Future Challenges for Elderly Care Services in Scotland, 18-Jan-12, Edinburgh, UK

<http://www.ltcas.org.uk/news-and-events/events/date/1326844800/#event-62/>

NHS Networks - Integration - making it a reality (Webinar), 18-Jan-12, Online, UK

<http://www.networks.nhs.uk/events-1/integration-making-it-a-reality>

Exploring connections between telecare services and the wider world of helplines - an interactive workshop, 19-Jan-12, London, UK <http://www.londontelecare.com/latestnews.asp>

Three Million Lives Event, 19-Jan-12, London, UK

South East Telehealthcare Network Meeting, 23-Jan-12, Guildford, UK

Enterprise M2M, 23-25 Jan 2012, Berlin, Germany <http://www.enterprise-m2m.com/s1239/>

Later Life: Quality Care Matters, 25-Jan-12, London, UK  
<http://www.publicserviceevents.co.uk/204/after-life>

The homecare re-ablement roadshow , 26-Jan-12, York , UK  
<http://www.pavpub.com/pdf.aspx?path=/events/428.pdf>

London Telecare Quarterly Meeting, 27-Jan-12, London, UK  
<http://www.londontelecare.com/latestnews.asp>

LaterLife – shaping the future of care together , 28-Jan-12, London, UK  
<http://www.publicserviceevents.co.uk/event/overview.asp?ID=123>

Medication adherence: Understanding the problem, engineering a solution (RSM/SEHTA), 30-Jan-12, London, UK <http://www.rsm.ac.uk/academ/tec01.php>

Yorks and Humber HIEC Stakeholder Event 30th January 2012, 30-Jan-12, Leeds, UK  
<http://yhhiec.org.uk/hiec-event-30th-january-2012-book-now/>

Long-Term Conditions Conference 2012 , 01-Feb-12, London, UK <http://www.long-term-conditions-conference.co.uk/index.php>

Managing demand for long-term conditions (NHS Confed Members Webinar), 01-Feb-12, Online, UK  
<http://www.nhsconfed.org/Events/Pages/Managing-demand-for-ltc.aspx>

Bid & Tender Seminar (London Telecare), 03-Feb-12, London, UK  
<http://www.londontelecare.com/latestnews.asp>

eTelemed - The Fourth International Conference on eHealth, Telemedicine, and Social Medicine, 30 Jan to 4 Feb 2012, Valencia, Spain <http://www.iaria.org/conferences2012/eTELEMED12.html>

CUHTec: Using telecare to reduce the cost and increase the effectiveness of re-ablement and intermediate care , 07-Feb-12, York, UK  
<http://www.cuhtec.org.uk/events.php?PHPSESSID=6b48879bf4f4b2aeea18808d1f73941cFC>

CUHTec: Assistive Technology and telecare for learning disability services, 08-Feb-12, York, UK  
<http://www.cuhtec.org.uk/events.php?PHPSESSID=6b48879bf4f4b2aeea18808d1f73941cFC>

CUHTec Telecare Forum - North East England/Scotland, 08-Feb-12, Gateshead, UK  
<http://www.cuhtec.org.uk/events.php?PHPSESSID=be9f029d90bb413430d2cfc5d5b4727e>

Social care reform and the Dilnot review, 09-Feb-12, London, UK  
[http://www.westminsterforumprojects.co.uk/forums/book\\_event.php?eid=348](http://www.westminsterforumprojects.co.uk/forums/book_event.php?eid=348)

Social Media Week, 13-17 Feb 2012, London, UK <http://socialmediaweek.org/>

Fifth International Conference on Telehealth, 15-17 Feb 2012, Innsbruck, Austria  
<http://www.iasted.org/conferences/home-765.html>

Health Innovation: Improving the Quality of Care, 21-Feb-12, London, UK  
<http://www.insidegovernment.co.uk/health/reform-nhs/index.php>

Telehealth, telemedicine and telecare: Introductory one-day seminar RSM, 23-Feb-12, London, UK  
<http://www.rsm.ac.uk/academ/tec03.php>

Nuffield Trust: Health Policy Summit 2012, 29-Feb-12, London, UK  
<http://www.nuffieldtrust.org.uk/summit/2012/programme>

Telehealth - Leeds, 01-Mar-12, Leeds, UK [http://www.specialistinfo.com/a\\_conf1.php](http://www.specialistinfo.com/a_conf1.php)

The Kings' Fund - International Congress on Telehealth and Telecare, 6-8 Mar 2012, London, UK  
<http://www.kingsfund.org.uk/events/international.html>

CUHTec Telecare forum - Midlands, 14-Mar-12, Glenfield, UK  
<http://www.cuhtec.org.uk/events.php?PHPSESSID=be9f029d90bb413430d2cfc5d5b4727e>

Personal Health Budgets: implementation, efficiency and user experience, 15-Mar-12, London, UK  
<http://www.westminsterforumprojects.co.uk/forums/event.php?eid=370>

Scottish Caring and Dementia Congress, 21-Mar-12, Edinburgh, UK  
<http://www.careinfo.org/images/conferences/Scotland2012flyerlores.pdf>

Technology with Disabled and Older People Conference (AAL), 26-28 Mar 2012, London, UK  
<http://www.aal-europe.eu/news-and-events/technology-with-disabled-and-older-people-conference-26-28-march-2011>

RCN Long Term Conditions conference and exhibition - is nursing ready for telehealth, 30-Mar-12, London, UK  
[http://www.rcn.org.uk/newsevents/event\\_details/rcn\\_eventsms/long\\_term\\_conditions\\_2012](http://www.rcn.org.uk/newsevents/event_details/rcn_eventsms/long_term_conditions_2012)

Telehealth one-day seminar: The respiratory and circulatory systems (RSM), 30-Mar-12, London, UK  
<http://www.rsm.ac.uk/academ/tec04.php>

Medetel/The international eHealth, Telemedicine and Health ICT Forum, 18-20 Apr 2012, Luxembourg, <http://www.medetel.lu/index.php>

Innovations and investments in healthcare, 26-27 Apr 2012, Berlin, Germany  
<http://advisorsinhealthcare.com/en/veranstaltungen/innovations-and-investment-in-healthcare-2012-2/>

eHealth Week, 7-9 May 2012, Copenhagen, Denmark <http://worldofhealthit.org/2012/>



International Conference on Wearable and Implantable Body Sensor Networks, 10-12 May 2012, London, UK <http://www.bsn2012.org/>

NICE Annual Conference , 15-16 May 2012, Birmingham, UK <http://www.niceconference.org.uk/>

Second Annual NHS Leadership and Management Summit, 23-May-12, London, UK [http://www.kingsfund.org.uk/events/leadership\\_summit.html](http://www.kingsfund.org.uk/events/leadership_summit.html)

Doctors 2.0 and You, 23-24 May 2012, Paris, France <http://www.doctors20.com/>

EuroMedTech, 31 May - 1 Jun 2012, Grenoble, France <http://www.ebdgroup.com/emt/index.php>

Telehealth one-day seminar: Mental health and dementia (RSM), 01-Jun-12, London, UK <http://www.rsm.ac.uk/academ/tec05.php>

UPMC International Telemedicine Symposium, 7-9 Jun 2012, Brussels, Belgium <http://emgprddmzvip24457.isd.upmc.edu/aboutupmc/icsd/telemedicine/Pages/telemedicine.aspx>

Scottish Technology Showcase 2012, 12-Jun-12, Glasgow, UK <http://www.scottish-enterprise.com/microsites/technologyshowcase.aspx>

College of Occupational Therapists 36th Annual Conferences and Exhibition, 12-14 Jun 2012, Glasgow, UK <http://www.cot.co.uk/annual-conference/annual-conference>

Telehealth and telecare, 03-Jul-12, London, UK <http://www.westminsterforumprojects.co.uk/forums/event.php?eid=409>

#### **Item 5 Other useful links**

##### **Dallas partnership pool**

<https://ktn.innovateuk.org/web/dallas/articles/-/blogs/dallas-partnership-pool>

##### **DALLAS \_Connect Sub Group**

Join the Sub Group at:

<https://ktn.innovateuk.org/web/dallas>

##### **Telecare Learning and Improvement Network**

[www.telecarelin.org.uk](http://www.telecarelin.org.uk)

##### **New King's Fund web site**

[http://www.kingsfund.org.uk/topics/technology\\_and\\_telecare/index.html](http://www.kingsfund.org.uk/topics/technology_and_telecare/index.html)

##### **Telecare Aware**

[www.telecareaware.com](http://www.telecareaware.com)

*Newsletter prepared by Mike Clark and brought to you by the Telecare LIN on behalf of the TSB*

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