



NEWSLETTER June 2012

Welcome to the June 2012 newsletter from the Technology Strategy Board (TSB) Knowledge Transfer Network and the Telecare Learning and Improvement Network.

Our newsletter is now being distributed to 46,000 subscribers in the UK and worldwide. We hope that you find this newsletter useful. With over 800 news and events links this month, it is the most comprehensive newsletter available serving the telecare, telehealth, ehealth and assisted living communities.

Of particular significance this month is the publication of the first BMJ paper covering the Whole System Demonstrator (WSD) trial of telecare and telehealth in England. This first paper (of five) looks at the impact of telehealth on secondary care such as hospital admissions.

The newsletter provides all of the important press releases and links from the 22 June publication. The main BMJ paper has been made open access so that organisations can examine the trial methodology and academic discussion in detail. Future WSD papers will look at cost-effectiveness, patient quality of life and impact on staff and organisations. It will be important to read all of the papers together to get a full picture of the trial findings.

The newsletter contains a list of KTN/ALIP activities, conferences and workshops from the UK and Europe over the coming weeks as well as news from around the world.

For weekly news updates and information, you can register with the Technology Strategy Board, [ALIP](#) group and the [DALLAS](#) sub-group. You can also follow the dallas programme on Twitter at [@dallas_connect](#). Also 3 Million Lives are now on Twitter at [@3MillLives](#).

If you would like daily information on #telecare and #telehealth, 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/>

Prepared by Mike Clark (Twitter: @clarkmike) for the ALIP Knowledge Transfer Network and Telecare Learning and Improvement Network



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Glossary

ALIP – Assisted Living Innovation Platform

KTN – Knowledge Transfer Network

WSD – Whole System Demonstrator

Item 1 – News from ALIP and the KTN

a) 2012 ALIP Showcase Event- Follow up

Presentations and reviews of the 2 day conference are now available to download:

<https://connect.innovateuk.org/web/assisted-living-innovation-platform-alip/articles/-/blogs/2012-alip-showcase-presentations-now-available>

The event attracted around 170 people over the two days, with over 15 companies choosing to exhibit in the 'Innovation Zone' and a variety of academic, business and public sector representation from across the UK.

The dallas communities were able to use this time to hold focused community meetings as well as build on relationships with other key assisted living members old and new. You can follow dallas activities on Twitter (@dallas_connect).

b) AAL Summit, 27-29th June, Bilbao

On 27-29th June 2012 the KTN will be attending the Ambient Assisted Living Summit in Bilbao.

The AAL Summit will be looking at **policy** and **decision makers** and will address the central role that public policies and investments should play in the creation and development of a global **Ageing Market**.

Attending will be; stakeholders in the AAL domain, such as investors, entrepreneurs, industry, innovators, health-care providers, health-care professionals, associations, social workers, formal and informal caregivers, elderly associations, medical industry, end-users (older adults and other citizens), researchers and policy makers

c) The Assisted Living Innovation Platform/KTN is offering support to the UK assisted living market in the following ways;

- KTN will support the cost to attend as a delegate
- KTN to display organisation literature
- KTN to display project/organisation banners
- KTN to Include organisation/project capabilities within UK Capability marketing literature.

For information on how to take advantage of this free support please contact

sarah.forson@healthktn.org

d) SEHTA- Meet The Buyer Event, 14th September

The Wolfson Conference Centre, Stoke Mandeville Stadium, Aylesbury, Bucks HP21 9PP

The KTN will be attending and exhibiting at the 2012 Meet the Buyer Event which brings together the biggest telecare and telehealth procurers and the very best service and technology providers for partnering, deal-making and key networking.

The KTN will be looking to provide support for a number of key assisted living organisations within the UK to attend and exhibit. More information on these opportunities will be available via the ALIP _connect pages very soon.

Item 2 Whole System Demonstrator Programme – First major journal article published in BMJ

The British Medical Journal has now published the first formal paper (in a series of five) from the Whole System Demonstrator trial of telecare and telehealth in England.

[Effect of telehealth on use of secondary care and mortality: findings from the Whole System Demonstrator cluster randomised trial](#)

There is open access to the paper under the Creative Commons Licence (see BMJ for more details). In addition, there is a BMJ [press release](#), [BMJ Editorial](#) (requires subscription) and 3 Million Lives [press release](#).

[BMJ Press release](#): “Telehealth can reduce deaths and emergency hospital care, but estimated cost savings are modest”

[3 Million Lives press release](#): “BMJ Paper confirms telehealth is associated with lower mortality and hospital admission rates”

The abstract from the paper is reproduced below:

BMJ 2012; 344 doi: 10.1136/bmj.e3874 (Published 21 June 2012)

Objective To assess the effect of home based telehealth interventions on the use of secondary healthcare and mortality.

Design Pragmatic, multisite, cluster randomised trial comparing telehealth with usual care, using data from routine administrative datasets. General practice was the unit of randomisation. We allocated practices using a minimisation algorithm, and did analyses by intention to treat.

Setting 179 general practices in three areas in England.

Participants 3230 people with diabetes, chronic obstructive pulmonary disease, or heart failure recruited from practices between May 2008 and November 2009.

Interventions Telehealth involved remote exchange of data between patients and healthcare professionals as part of patients’ diagnosis and management. Usual care reflected the range of services available in the trial sites, excluding telehealth.

Main outcome measure Proportion of patients admitted to hospital during 12 month trial period.

Results Patient characteristics were similar at baseline. Compared with controls, the intervention group had a lower admission proportion within 12 month follow-up (odds ratio 0.82, 95% confidence interval 0.70 to 0.97, P=0.017). Mortality at 12 months was also lower for intervention patients than for controls (4.6% v 8.3%; odds

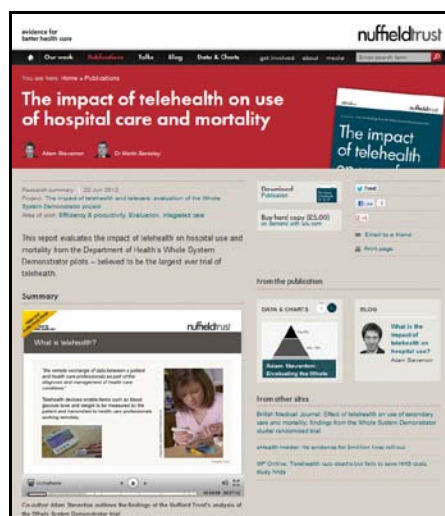
ratio 0.54, 0.39 to 0.75, $P < 0.001$). These differences in admissions and mortality remained significant after adjustment. The mean number of emergency admissions per head also differed between groups (crude rates, intervention 0.54 v control 0.68); these changes were significant in unadjusted comparisons (incidence rate ratio 0.81, 0.65 to 1.00, $P = 0.046$) and after adjusting for a predictive risk score, but not after adjusting for baseline characteristics. Length of hospital stay was shorter for intervention patients than for controls (mean bed days per head 4.87 v 5.68; geometric mean difference -0.64 days, -1.14 to -0.10 , $P = 0.023$, which remained significant after adjustment). Observed differences in other forms of hospital use, including notional costs, were not significant in general. Differences in emergency admissions were greatest at the beginning of the trial, during which we observed a particularly large increase for the control group.

Conclusions Telehealth is associated with lower mortality and emergency admission rates. The reasons for the short term increases in admissions for the control group are not clear, but the trial recruitment processes could have had an effect.

Trial registration number International Standard Randomised Controlled Trial Number Register ISRCTN43002091.

Link: [Effect of telehealth on use of secondary care and mortality: findings from the Whole System Demonstrator cluster randomised trial](#)

In addition, the Nuffield Trust who were involved in the evaluation have added a [report](#) , [blog](#) and [audio slideshow](#) by Adam Steventon to their website.



Here are some of the quotes from web sites and press releases:

[Adam Steventon](#) (Nuffield Trust): "The first results are only one part of the evaluation of the Whole System Demonstrator trial. Other themes, undertaken by evaluation partners, address the impact of telehealth on quality of life, cost effectiveness and individual experiences, as well as the organisational factors relevant to implementation. Already, the findings from the trial are proving to be complex. Commissioners will need to take the whole set of findings into account when making decisions about telehealth".

From the [TSA web site](#), Care Services Minister Paul Burstow said:

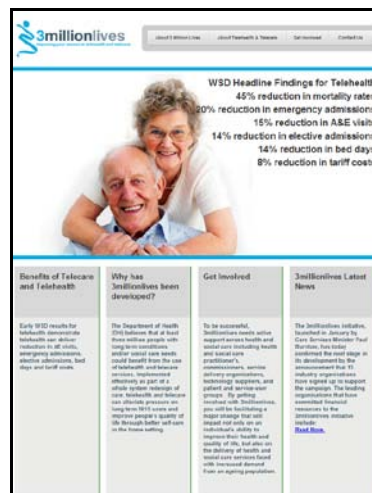
"This paper shows that telehealth can help to reduce emergency hospital admissions by 20% and mortality by 45% for patients with long-term conditions. To realise these benefits we need service transformation - and telehealth can help deliver that change.

"We are working closely with industry, the NHS and social care organisations to make progress through the 3millionlives initiative to develop flexible funding models with a reduced price point, which will achieve the economies of scale needed to make telehealth a success."

[Angela Single](#), Chair of 3ML industry leadership group says 'The paper confirms a significant reduction in hospital admissions and mortality rates which, if scaled up across the UK, would bring major benefits to healthcare resources and patient outcomes. Industry must now work hard to deliver on the promise to enable millions more people to benefit from improved health and independence, working with our health, social care and housing partners to develop effective funding models to enable telehealth at scale'

[Gill Baldwin](#), Vice Chair of 3ML industry leadership group, added 'Many NHS and social care organisations have already commenced large scale roll out. This paper gives them further legitimacy, clinical assurance and finally the dataset to back up their innovative approach to transforming helath and social care.

There has been extensive coverage of the paper on web sites and on Twitter. You can now follow 3 Million Lives on Twitter (@3MillLives).



Here is a full list of further links.

BMJ Papers and press release:

<http://www.bmj.com/>

<http://www.bmj.com/content/344/bmj.e3874>

<http://www.bmj.com/content/344/bmj.e4201> (requires subscription)

<http://www.3millionlives.co.uk/pdf/BMJ-20Press-20Release.pdf>

Nuffield papers:

<http://www.nuffieldtrust.org.uk/publications/impact-telehealth-use-hospital-care-and-mortality>

<http://www.nuffieldtrust.org.uk/blog/what-impact-telehealth-hospital-use>

<http://www.nuffieldtrust.org.uk/talks/slideshows/adam-steventon-evaluating-whole-system-demonstrator-trial>

http://www.nuffieldtrust.org.uk/sites/files/nuffield/publication/120622_impact_of_telehealth_on_use_of_hospital_care_and_mortality.pdf

3 Million Lives:

<http://www.3millionlives.co.uk/About-Telecare-and-Telehealth.html>

<http://www.3millionlives.co.uk/pdf/3ML-20Press-20Release.pdf>

TSA:

<http://www.telecare.org.uk/industry/3millionlives>

Other coverage:

<http://medicalxpress.com/news/2012-06-telehealth-deaths-emergency-hospital-modest.html>

<http://www.gponline.com/News/article/1137653/telehealth-cuts-deaths-fails-save-nhs-costs-study-finds/>

http://www.eurekalert.org/pub_releases/2012-06/bmj-tcr062012.php

http://www.sciencecodex.com/telehealth_can_reduce_deaths_and_emergency_hospital_care_but_estimated_cost_savings_are_modest-93809

<http://www.stonehearthenewsletters.com/telehealth-can-reduce-deaths-and-emergency-hospital-care-but-estimated-cost-savings-are-modest/telemedicine/>

<http://www.onmedica.com/NewsArticle.aspx?id=70843300-7d53-4a91-8da2-78c52bcd9092>

http://www.pulsetoday.co.uk/newsarticle-content/-/article_display_list/14160562/dh-telehealth-drive-in-doubt-as-pilot-demonstrates-only-modest-cost-savings

<http://www.ehi.co.uk/news/EHI/7847/no-evidence-for-3millionlives-roll-out>

<http://pwc.blogs.com/publicsectormatters/2012/06/will-patients-embrace-mhealth.html>

http://gpnews.gponline.com/2012/06/22/telehealth-works-sort-of-but-is-that-enough-for-a-national-roll-out/?utm_source=twitterfeed&utm_medium=twitter

http://www.pulsetoday.co.uk/main-content/-/article_display_list/14160777/data-do-not-support-the-dh-s-extraordinary-claims-for-telehealth

<http://inaudit.com/blog/%E2%80%98put-power-back-in-the-hands-of-patients%E2%80%99-says-kpmg-20244/>

<http://www.telecareaware.com/index.php/bmj-publishes-first-part-of-wsd-results.html>

<http://www.telecareaware.com/index.php/nuffield-the-impact-of-telehealth-and-telecare-evaluation-of-the-whole-system-demonstrator-project.html#comments>

<http://www.ukauthority.com/Headlines/tabid/36/NewsArticle/tabid/64/Default.aspx?id=3706>

<http://www.guardian.co.uk/healthcare-network/2012/jun/22/today-healthcare-22-june?newsfeed=true>

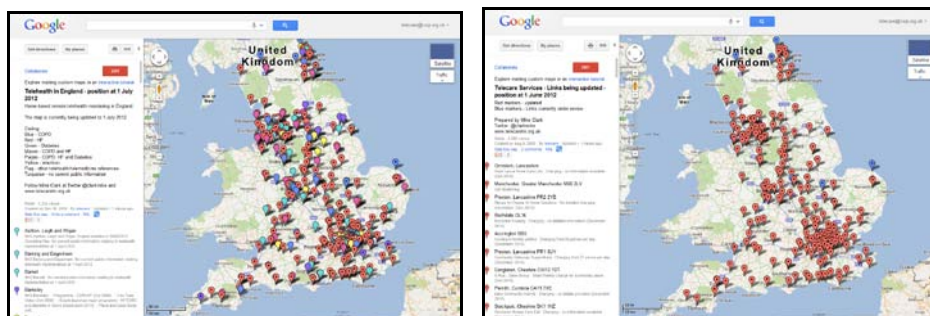
<http://www.intechnology.co.uk/IntechnologyBlog/post/2012/06/22/Getting-to-the-heart-of-telehealth.aspx>

<http://www.onmedica.com/newsArticle.aspx?id=70843300-7d53-4a91-8da2-78c52bcd9092>

http://www.nursingcenter.com/library/healthdayarticle.asp?Article_id=665978
<http://www.clinicaladvisor.com/telehealth-intervention-lowers-hospital-admissions/article/246969/>
<http://t.co/jMVDWZv7>
<http://www.lulu.com/shop/adam-steventon-and-martin-bardsley/the-impact-of-telehealth-on-use-of-hospital-care-and-mortality-a-summary-of-the-first-findings-from-the-whole-system-demonstrator-trial/paperback/product-20216337.html>
<http://www.pri-med.com/PMO/MedicalNewsDetail.aspx?id=5672>
<http://ta-images.s3.amazonaws.com/images/pdfs/bmj-e3874-full-first-WSD-results.pdf>
http://doc2doc.bmj.com/forums/off-duty_journal-club_telehealth-cuts-hospital-admissions-deaths-but-evidence-of-savings
http://www.ehealthnews.eu/tunstall/3112-telehealth-proven-to-reduce-mortality-and-emergency-admissions-in-study-of-whole-system-demonstrator-trial?utm_source=dlvr.it&utm_medium=twitter
<http://www.hospitaldr.co.uk/blogs/our-news/telehealth-can-reduce-emergency-admissions-but-cost-savings-modest?>
<http://www.telecareaware.com/index.php/reactions-to-the-wsd-results-publication-uk.html>
<http://www.healthcarecommunication.com/Main/Articles/9047.aspx>
<http://www.hsj.co.uk/opinion/columnists/jim-easton-lets-get-serious-about-telehealth/5046307.article?blocktitle=Opinion&contentID=7808> (requires subscription)
<http://www.news-medical.net/news/20120626/Telemedicine-could-reduce-admission-rates.aspx>
<http://www.mhimss.org/aggregated-content/telehealth-cuts-deaths-fails-save-nhs-costs-study-finds>
<http://www.ehealthnews.eu/development/3116-telehealth-is-associated-with-lower-mortality-and-hospital-admission-rates>

Item 3 – Telehealth and Telecare maps being updated

The telehealth and telecare maps are being updated and extended with new links.



Map link for telehealth:

<http://maps.google.co.uk/maps/ms?msid=200072491946513843805.00047bfad6341183c8523&msa=0>

The updated telecare map will be available from August 2012.

Item 4 - Further UK News

Here is a roundup of some of the headlines from the last month (See Section 5 for more links)

- a) The national charity Diabetes UK has [reported](#) that 850,000 adults in the UK could already have developed type 2 diabetes and be unaware they have the condition.
- b) A [study](#) of nearly two million patients in Scotland reported in the Lancet showed that people living in the most deprived areas were particularly affected by long-term physical and mental disorders.
- These disorders were more common among poorer communities and occurred 10-to-15 years earlier than among those living in affluent areas.
 - The study looked for 40 chronic conditions among the participants' data.
 - Researchers found that 42% of patients had one or more conditions and 23% had two or more.
- c) Patients in England will be able to book GP appointments and get test results online within three years according to the DH Information Strategy reported by the [BBC](#).
- d) The King's Fund has [published](#) NHS satisfaction figures for 2011. The results show that overall satisfaction with the way the NHS across Britain runs nowadays fell by 12 percentage points from 70 per cent in 2010 to 58 per cent in 2011.
- e) The UK government has launched a design competition worth £24 million in its hunt for ideas for a "future city". Local authorities of urban areas with a population of at least 125,000 can enter the Future Cities Demonstrator competition, which is funded by the Technology Strategy Board as reported in [Wired](#) and the [TSB website](#).
- f) A Major [survey](#) for Carers Week (18-24 June 2012), completed by 3,400 carers showed that caring had a negative impact on 83 per cent of carers' physical health, with 36 per cent of carers sustaining a physical injury (such as back pain) through caring. A further 87 per cent said caring for a family member or friend has had a negative impact on their mental health. 64 per cent carers blamed their poor health on a lack of practical support and 50 per cent on not enough financial support.
- g) Cambridge News has an [article](#) on the work of community matrons (including telehealth).
- h) North Devon Healthcare NHS Trust has launched a [telehealth service](#) for COPD.
- i) Surrey County Council and district councils are investing in [telecare](#). So are [Essex](#).
- j) A new CBI [report](#) suggests that successfully delivering care close to home (including telehealth) could improve outcomes for patients and save the NHS £3.4bn a year
- k) Here are some of the most recent surveys, studies and journal articles (see Section 5 for a comprehensive list)
- [A model for assessment of telemedicine applications: MAST](#)
 - [A Randomized Controlled Trial of Telemonitoring in Older Adults With Multiple Health Issues to Prevent Hospitalizations and Emergency Department Visits](#)
 - [A review of telemedicine interventions in diabetes care](#)

- [An electronic medication reminder, supported by a monitoring service, to improve medication compliance for elderly people living independently](#)
- [An evaluation of diabetes self-management applications for Android smartphones.](#)
- [Blood Pressure Control Improved With Home Telemonitoring By Pharmacists](#)
- [Calling for Care: 'Disembodied' Work, Teleoperators and Older People Living at Home](#)
- [Diabetes Management via Mobile Phones: A Systematic Review | Abstract](#)
- [ECG telemonitoring during home-based cardiac rehabilitation in heart failure patients](#)
- [Economic evaluation of telephone self-management interventions for blood pressure control](#)
- [Effect of Home Blood Pressure Telemonitoring With Self-Care Support on Uncontrolled Systolic Hypertension in Diabetics](#)
- [New Study Tests Mobile Telemonitoring of Home Health Care](#)
- [North Rhine-Westphalia - 'My Heart' project to provide telecare to patients with left-sided heart failure](#)
- [Principle-based analysis of the concept of telecare](#)
- [Results of a telehealth-enabled chronic care management service to support people with long-term conditions at home](#)
- [Study: Telerehab improves functioning after stroke](#)
- [Tailored telemonitoring in patients with heart failure: results of a multicentre randomized controlled trial](#)
- [Telemonitoring keeps heart failure patients out of ER](#)
- [Telemonitoring of diabetic foot ulcers being managed in the outpatient setting](#)
- [Telemonitoring of outpatients with heart failure: a search for the holy grail?](#)
- [Telemonitoring, COPD and cough counting](#)
- [The Diabetes Telemonitoring Study Extension: an exploratory randomized comparison of alternative interventions to maintain glycemic control after withdrawal of diabetes home telemonitoring.](#)
- [Twenty years of telemedicine in chronic disease management “ an evidence synthesis](#)

Item 5a: Policy, funding and trends

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

[£2m boost for elderly and disabled \(UK\)](#)

[260,000 elderly will be paying for care by 2030: Warning that numbers affected will double in 20 years \(UK\)](#)

[3millionlives: DH invests \(UK\)](#)

[850,000 do not know they have diabetes | Mail Online \(UK\)](#)

[850,000 people in the UK could have diabetes without knowing it \(UK\)](#)

[A Hospital Stay -- In Your Own Home](#)

[A new style of leadership for the NHS \(UK\)](#)

[A new system for care funding \(UK\)](#)

[Accountable Care Organizations Could Bring Necessary Changes to Health Care](#)

[Ageing and obesity will lead to squeeze on services - The Independent \(UK\)](#)

[Ageism, isolation and loneliness prevalent in UK society \(UK\)](#)

[Alarm operator saves blaze OAP \(UK\)](#)

[Angela Coulter: Please stop muddling shared decision-making and provider choice](#)

[Are care costs really going to double by 2030? Not sure. - Adult Care Blog \(UK\)](#)

[Are we wasting money on care that patients dont want? | Anna Dixon - The King's Fund \(UK\)](#)

[Assistive technology embraced by home care users in Essex \(UK\)](#)

[Avoidable death numbers down 25% \(UK\)](#)
[Award for health technology which monitors patients at home - Sunderland Echo \(UK\)](#)
[Baking Innovation Into New Smart Cities](#)
[BBC News - Council cuts prompt call for social spending reform \(UK\)](#)
[BBC News - Council spend on elderly varies up to £3,000 in Wales \(UK\)](#)
[BBC News - Diabetes care 'has been failing for decade' \(UK\)](#)
[BBC News - Doctors 'risking email privacy breaches' \(UK\)](#)
[BBC News - NHS 'can't cope' with multi-disease patients \(UK\)](#)
[BBC News - Patients promised online GP booking by 2015 \(UK\)](#)
[BBC News - Patients suffering under NHS rationing, say GPs \(UK\)](#)
[BBC News - Record fall in 'NHS satisfaction' \(UK\)](#)
[BBC News - Sheffield hospital launches £100k bid for Ekso 'bionic' suit \(UK\)](#)
[BBC News - Social care funding gap in England 'can be plugged' \(UK\)](#)
[BBC News - Telehealth scheme criticised by GPs in North Yorkshire \(UK\)](#)
[Better buying 'to save NHS £1.2bn' claims minister - Telegraph \(UK\)](#)
[Bids invited to become the city of tomorrow \(UK\)](#)
[Biggest drop in satisfaction with NHS in 30 years: survey - Telegraph \(UK\)](#)
[BP checks for hypertension in QOF 'may be costly for GPs' \(UK\)](#)
[But who looks after the carers? | The Guardian \(UK\)](#)
[Canada and State-Run Telemedicine](#)
[Care home residents who pay subsidising the rest, owners admit - Telegraph \(UK\)](#)
[Care providers favouring richer pensioners, survey finds \(UK\)](#)
[Carers to be given 'respite' holidays - Telegraph \(UK\)](#)
[CBI: Successfully delivering care closer to home could improve outcomes for patients and save the NHS £3.4 billion a year \(UK\)](#)
[CCGs seek clarity about commissioning support \(UK\)](#)
[Changes in falls prevention policies in hospital in England and Wales \(UK\)](#)
[CMAJ: The extinction of an e-health strategy](#)
[COBICs - another form of outcome based contract being developed by GP commissioners - Paul Corrigan \(UK\)](#)
[Collaborative technology and tomorrow's public services \(UK\)](#)
[Commissioning Board hands responsibility for commissioning GP services to local teams](#)
[Commitment of local authorities to health and social care integration questioned by MHP health report \(UK\)](#)
[Community Care | Social work outside the local authority \(UK\)](#)
[Competitive dialogue - a better way of commissioning NHS services? - Paul Corrigan \(UK\)](#)
[Controversial plans to change the way NHS spends its £100bn budget being considered - The Independent \(UK\)](#)
[Could telehealth save Town Halls £730m of elderly care cost? \(UK\)](#)
[Councils turn to arm's-length bodies to save money on public services \(UK\)](#)
[Dementia initiative to reduce inappropriate GP use of antipsychotics](#)
[Denmark, England and Scotland at the forefront of telehealth, according to IPTS study | ePractice](#)
[Department of Health Business Plan | Transparency \(UK\)](#)
[Department of Health extends NHS 111 roll out deadline \(UK\)](#)
[Department of Health strategy enabling online access to GP records - ADASS and Alzheimer's Society comment \(UK\)](#)
[Details of all 212 CCGs published | GPonline.com \(UK\)](#)
[Developing prices for a year of care - Paul Corrigan \(UK\)](#)
[Devices help people stay at home and save £600,000 « Surrey News \(UK\)](#)
[DH delays NHS 111 roll out by six months \(UK\)](#)
[Diabetes 2012](#)

[Diabetes timebomb: Only half of NHS patients receiving acceptable care - Health News - Health & Families - The Independent \(UK\)](#)

[Diabetes treatment is a postcode lottery - Telegraph \(UK\)](#)

[Diabetes: a million not getting all basic checks - Telegraph \(UK\)](#)

[Digital first: the information strategy for health and care | Stephen Hale \(UK\)](#)

[Direct payments, personal budgets and individual budgets - Community Care \(UK\)](#)

[Discharged to the streets: homelessness and the NHS \(UK\)](#)

[Doctors warn of 60-something 'ostrich generation' - Telegraph \(UK\)](#)

[E-health faces legal and privacy check up \(video - Australia\)](#)

[E-Health Insider :: Caldicott to tackle fear of data sharing \(UK\)](#)

[E-Health Insider :: Final death knell for HealthSpace \(UK\)](#)

[E-Health Insider :: Insider view: the NHS information strategy \(UK\)](#)

[E-Health Insider :: New NHS information strategy unveiled \(UK\)](#)

[E-Health Insider :: Orion to support NI health plans \(UK\)](#)

[eHealth needs alignment with health policy](#)

[Elderly are humiliated by nurses, warns report - Telegraph \(UK\)](#)

[Elderly care cuts are dangerous and short-sighted, says charity - guardian.co.uk \(UK\)](#)

[Face-to-face consultations by GPs no longer sustainable - Pulse \(UK\)](#)

[Final list of CCGs published in landmark moment for GP commissioning - Pulse \(UK\)](#)

[Five steps towards integration: housing and the social care white paper \(UK\)](#)

[From NHS to the national Serco service | The Guardian \(UK\)](#)

[General practice no longer sustainable in current form](#)

[Government admits anonymisation of data does not always secure individuals' privacy](#)

[Government to scrap patient website to access electronic records - Pulse \(UK\)](#)

[GP 'reward' plan comes under fire \(UK\)](#)

[GPs could issue appointments via smartphones - Public Service \(UK\)](#)

[GPs cut workload by training patients to manage demand \(UK\)](#)

[GPs fear 'outsourcing' of commissioning \(UK\)](#)

[GPs go online to end '8am rush - Telegraph \(UK\)](#)

[GPs lose out on contracts for NHS 111 \(UK\)](#)

[GPs must offer email access to patients by 2015, says DH - Pulse \(UK\)](#)

[GPs not being informed about patients at risk of stroke - Pulse \(UK\)](#)

[GPs set for QOF indicators to support dementia carers - Pulse \(UK\)](#)

[Guidance to support the NHS in implementing the NHS Safety Thermometer published | Department of Health \(UK\)](#)

[Health and social care integration 'must not be an aim in itself' | Guardian \(UK\)](#)

[Health Management and Policy Alert: Ageing across Europe](#)

[Health Management and Policy Alert: Clinical commissioning group \(CCG\) indicative running cost allowances \(UK\)](#)

[Health Management and Policy Alert: Delivering the NHS Safety Thermometer CQUIN 2012/13: a preliminary guide to measuring harm free care \(UK\)](#)

[Health Management and Policy Alert: Health and wellbeing boards: your chance to shape secondary legislation \(UK\)](#)

[Health Management and Policy Alert: National diabetes inpatient audit 2011 \(UK\)](#)

[Health Management and Policy Alert: Review of the guide to the methods of technology appraisal \(UK\)](#)

[Health News - NHS 'not coping with patients with multiple health problems' \(UK\)](#)

[Healthcare in New Zealand: Paving the way for next-generation healthcare](#)

[High tech for health :: Digital Agenda for Europe](#)

[Home carers axed for our old and most vulnerable as £1billion is slashed from councils - Mirror Online \(UK\)](#)

[Hospices level of care that shames the NHS - Telegraph \(UK\)](#)

[How community matrons on the beat help keep elderly out of hospital \(UK\)](#)

[Information strategy to give people more control over their care \(VIDEO\) · DHgovuk · Storify \(UK\)](#)

[Information strategy to give people more control over their care | Department of Health \(UK\)](#)

[Information to help you find the best NHS and social care for you and your family \(UK\)](#)

[Intellect calls for leadership, resources and urgency to deliver The Power of Information - Intellect Technology Association \(UK\)](#)

[Invicta Telecare joins countrywide campaign to transform the lives of three million people with telehealth and telecare services » Communities » 24dash.com](#)

[Is calling NHS 111 better than calling NHS Direct? | The Guardian \(UK\)](#)

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[Update on public health funding for local government | Department of Health \(UK\)](#)
[VIDEO: Ratings aim 'to improve NHS care' \(UK\)](#)
[Views sought on detailed proposals to secure shared decision-making and choice for patients | Department of Health \(UK\)](#)
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[Warning over undiagnosed diabetes \(UK\)](#)
[White House launches new digital government strategy](#)
[Would a version of the health standards body Nice work for social policy? \(UK\)](#)

Item 5b: Business intelligence and product development

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

[10 Things to Stop Doing If You Want to Be an Empowered Patient](#)
[10 Ways That Healthcare Can Engage Consumers - Forbes](#)

[3 Reasons Why Social Networking Is Not a Waste of Time for Health Professionals](#)
[3 Ways Telemedicine Can Help ACOs Coordinate Care, Cut Costs](#)
[32 Innovations That Will Change Your Tomorrow](#)
[3D Consultation delivers powerful and efficient patient education anywhere from your iPad](#)
[4 more portable health monitoring devices for recording vital signs](#)
[4 unexpected mobile health findings from physicians, payers and patients](#)
[4G Health—The Long-Term Evolution of m-Health](#)
[5 Affordable Ways to Make Your Appliances Smarter](#)
[5 Ways Mobile Tech Can Improve Your Health](#)
[6 niche markets for telemedicine](#)
[6 reasons today's health IT systems don't integrate well](#)
[6 Trends in an Era of Consumer-Driven Healthcare](#)
[60% Indians feel mobile technology would improve cost and quality of healthcare](#)
[A patient and HCP wish list for online healthcare](#)
[Access to sleep testing will make a big health impact](#)
[ACOs: No Easy Solutions for IT Implementation](#)
[Adoption of mHealth: Can we see the Forest through the Trees?](#)
[Advanced Pulse Oximetry System for Remote Monitoring and Management](#)
[AirStrip acquires Palomar tech to enable mobile EHR access | mobihealthnews](#)
[AirStrip Expands Platform to Provide Real-Time Mobile Access to Electronic Health Record \(EHR\) Systems](#)
[Alan W. Silberberg: Mobile App for Lifesaving Technology? Or Regulated Industry?](#)
[All Go For HealthGO: The First Fully Customisable Remote Patient Monitoring Technology Platform](#)
[Andago Receives CE Mark for Carefy, Its Web, TV & Mobile Patient Monitoring Solution](#)
[App Designed To Make Diagnosing Easy For Medical Professionals](#)
[App shines light on mental health patients' moods \(UK\)](#)
[Apple's iOS 6 Announcement: A Medical Perspective](#)
[Apps for the Traveler With Medical Issues](#)
[Are Computers Getting Between You and Your Doctor? - The Atlantic](#)
[Are Digital Health Companies Aiming Too Low -- Or Is Incremental Improvement Underappreciated?](#)
[Are You Fighting the Future or Adapting To It? - Harvard Business Review](#)
[Arkansas Saves Program Helping Stroke Victims](#)
[As American docs resist mHealth, developing countries drive growth](#)
[Asthma device company launches companion smartphone app](#)
[AT&T making big investment in home monitoring](#)
[Audio Archive: Healthcare Access Through Mobile Technology](#)
[Avery Dennison, Preventice partner on wearable sensor technology](#)
[BBC News - Rollout of NHS 111 number 'to be delayed' \(UK\)](#)
[BBC News - Ten-minute touch-pad test to predict dementia \(UK\)](#)
[BBC News - Trial of "touchless" gaming technology in surgery \(UK\)](#)
[Berwick on Analytics: Technology Is Ready, but Doctors Need Help](#)
[Better consumer focus means more growth for telemedicine](#)
[Better, Faster, Smarter - What's Next For Connected Health](#)
[Big data from social media, elsewhere online take trend-watching to new level](#)
[Bluetooth, Ant Self-Monitoring to Grow Faster Than Managed Telehealth: Report](#)
[BodyMedia Raises \\$12 Million to Expand Wireless Body Monitoring Business](#)
[Bosch Continues to Grow in North America](#)
[Bringing positivity to the older adult market](#)
[Broadcasting live from you: Better Health Care](#)
[bryantBROWN Healthcare Helps Launch New Spiro PD Personal Spirometer](#)
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[Can Technology Deliver Better Health Care?](#)
[Can technology help us to support the ageing population? \(UK\)](#)
[Cancer Patients Share Online Data To Gain Doctors' Insight, Advice](#)
[Can't Reach Your Doctor?...Put Down Your Phone, and Pick Up Your iPad Instead! - Forbes](#)
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[Remote Stroke Treatment Helps Save Lives Around N.C.](#)
[Report Analysis on Patient Monitoring Systems Market between 2011 and 2016](#)
[Research dispels old myths about ageing \(UK\)](#)
[Research Grant Aims to Help Seniors Live Longer at Home](#)
[Research scan - Health Foundation \(UK\)](#)
[Researchers demonstrate iPhone camera can screen for atrial fibrillation](#)
[Researchers develop Bluetooth fetal heart rate monitoring system](#)
[Researchers develop microscopic sensors for biomolecules, potential for sensitive personalized diagnostics](#)
[Researchers use sensor technologies to remotely monitor aging adults' health](#)
[Review of the guide to the Methods of Technology Appraisal \(UK\)](#)
[Revolutionary Telemedicine Site Launched](#)
[Richard Smith: Reducing the world's blood pressure](#)
[Rio+20 : mHealth: Mobile Technologies to Improve Health](#)
[Rising diabetes rates among overweight teens could lead to heart problems, researchers say](#)
[Rock Health founders writing prescriptions for high-tech doctors](#)
[Roughly 14 Million Americans Have Undiagnosed COPD](#)
[Round up of 'In my shoes' Dementia Awareness, Week 2](#)
[Rounding with the iPad!](#)
[Royal Philips Electronics Announces New Device for Remote Wireless Monitoring of Arrhythmias](#)
[Rural towns could be in for cyber doc - NZ Herald News](#)
[Sandwich Generation Financial Struggling with College Kids Returning Home](#)
[Say 'ah': Smartphone pics diagnose disease - FierceMobileHealthcare](#)
[SEHTA awarded contract to support independent living for the elderly \(UK\)](#)
[SEHTA to co-ordinate development of technology for independent living - BJHC \(UK\)](#)
[Seriously: Is Digital Health The Answer To Tech Bubble Angst? - Forbes](#)
[Shared Decision Making: Who Benefits the Most May Surprise You](#)
[Sheffield patients stay too long in hospital - Health - The Star \(UK\)](#)
[Should oxygen be used for patients with chronic heart failure? - University of Hull \(UK\)](#)
[Should patients see what doctors are looking at on their smartphones](#)
[Six-point test may improve GP chest pain care \(UK\)](#)
[Sleep apnoea treatment may cut hypertension risk \(UK\)](#)
[Smart Caring Rural Communities smartC4RE](#)
[Smart clothing monitors and transmits cardiac signs - BJHC \(UK\)](#)
[Smart contact lenses, vital sign sensors to kick mobile health up a notch](#)
[Smart diabetes device recommends adjustments to insulin dosing](#)
[Smart pajamas' monitor infants wirelessly](#)
[Smartphone app for AFib detection awaits FDA clearance](#)
[Smartphone application empowers patients with content tailored to their needs](#)

[Smartphone smelling technology tasked with sniffing out disease](#)
[SMW - Swiss Medical Weekly - E-health: easing translation in health care](#)
[Snoring and disturbed sleep may increase cancer risk - Telegraph \(UK\)](#)
[Social media in health - what are the safety concerns for health consumers?](#)
[Social networking for parents of children with autism](#)
[Social Networks, Social Media and Accessibility](#)
[Socio-demographic determinants of worsening in frailty among community-dwelling older people in 11 European countries -- Etman et al. -- Journal of Epidemiology & Community Health](#)
[Some doctors choosing to tweet and text with patients | CTV News](#)
[Sonosite patent shows experimentation with iPad and ultrasound probes](#)
[Sorin Group and Orange Business Services confirm launch of remote cardiac monitoring in Europe](#)
[Squeezing out the doctor? Not by a long shot](#)
[States move ahead with Medicaid medical homes](#)
[Still not convinced of the potential of mobile phones as medical devices?](#)
[StopAdvisor website uses evidence-based principles to help smokers quit - BJHC \(UK\)](#)
[Studies Show Technology, Telemonitoring Can Increase Medication Effectiveness & Safety](#)
[Surge in smartphones drives spend on mobile web access - Telegraph \(UK\)](#)
[Survey: Doctors Worried We Know Too Much With mHealth So Available](#)
[Tablets 'one of the fastest-growing technologies in history' - Telegraph \(UK\)](#)
[Tablets to drive telemedicine market growth to more than 300% by 2018](#)
[Taking the medication to the people](#)
[TargetScale Measures Bone, Muscle Mass \[VIDEO\]](#)
[Tattoo-like devices for wireless pregnancy monitoring](#)
[Technology And Financial Incentives Inspire Healthy Habits](#)
[Technology in the care of older people | Age UK Blog \(UK\)](#)
[Technology in the Care of PTSD](#)
[Technology is Changing the Way We Live, and Stay Well](#)
[Technology is the cure Your Doctor Is an App When Technology Is the Cure](#)
[Telcare's Wireless-Enabled Blood Glucose Monitoring System Wins 2012 Triple Tree iAward telecare | Age UK Blog \(UK\)](#)
[Telcare Soapbox: When will telehealth companies start generating income?](#)
[Telefónica risk-taker bets the future on digital expansion](#)
[Telehealth cuts readmission rates, earns system a speedy return on investment](#)
[Telehealth Healing Healthcare: The Hidden Markets Transforming Healthcare](#)
[Telehealth patient benefits 'obvious' | Nursing Times](#)
[Telehealth pilot helps patients with kidney disease](#)
[Telehealth Program Provides Rural COPD Patients Needed Education and Rehab](#)
[Telehealth Reduces Cost, Stress of Pediatric Care](#)
[Telehealth solutions set for launch in Brazil \(UK\)](#)
[Telehealth Technologies Stethoscope Receives Patent Approval From Canada](#)
[Telehealth, mobile systems among promising chronic care technologies](#)
[Telehealth, Telepsychology, and Technology](#)
[Telehomecare Research Project Launched](#)
[Telemedicine a Valuable Way to Deliver Healthcare](#)
[Telemedicine Brings City Docs to Rural Patients](#)
[Telemedicine Coming Soon to a Pharmacy Near You: HealthSpot](#)
[Telemedicine Gains Strength in the Broadband Era](#)
[Telemedicine lets doctors monetize their time](#)
[Telemedicine market to hit \\$2.5B by 2018](#)
[Telemedicine Monitoring of Older Adults with Chronic Diseases](#)

[Telemedicine News / Telemedicine pushes new boundaries: a mobile tele-psychiatry service for rural India](#)

[Telemedicine Saves Lives!](#)

[Telemedicine sees record use for mental health](#)

[Telemedicine: What effect on the Physician-Patient Relationship?](#)

[telemonitoring « Diabetes Technology](#)

[Telemonitoring by Pharmacists Yield Positive Results for Effective HBP Control Notes BMD](#)

[Telemonitoring improves HF patients' quality of life, utilization](#)

[Telemonitoring system may improve hypertension | Procura](#)

[Telepalliative Home Care: Still-Needed, At-Home Telehealthcare Focus](#)

[Telestroke Expands its Reach :: Article - The Hospitalist](#)

[TELUS and Orange Team up to Provide Remote Monitoring Solutions to Patients with Chronic Diseases - MarketWatch](#)

[Ten Hurdles to Patient Adherence](#)

[Ten new technologies for aging in place](#)

[Text Message Prescription Reminders Significantly Improve Patient Adherence to Oral Diabetes Medication](#)

[Text messaging increases medication adherence](#)

[Text Messaging Program Aims To Help Young People Stop Smoking](#)

[Texting program helps track, manage patient satisfaction](#)

[The Art of Apps: Design Features That Make E-Health Interventions Effective](#)

[The challenge to improve medication safety in care homes \(UK\)](#)

[The Dark Side of Bringing Your Own Device](#)

[The Doctor is virtually "in" - St. Joseph Health increases access to care, connecting patients and physicians in southern CA](#)

[The Doctor Will See You In Walmart](#)

[The doctor will Skype you now | NHS local \(UK\)](#)

[The emotional effects of device recalls on patients](#)

[The future of healthcare](#)

[The future of medicine: Squeezing out the doctor | The Economist](#)

[The Future Of Mobile \[DECK\]](#)

[The online presence of health information empowers patients](#)

[The Problem With mHealth: You and Me](#)

[The Prognosis for Medical Innovation](#)

[The real cost of the smartphone revolution \(UK\)](#)

[The single most useful piece of advice I can give you, along with a theory as to why it isn't better known, all embedded in some comments on a recent article that appeared in the Journal of the American College of Cardiology “ Applied Statistics](#)

[The SMS for Life program helps reduce malaria related deaths in Tanzania](#)

[Therapy for depression can work over the phone](#)

[Things we need to unlearn before we can see the future of mHealth](#)

[Three free healthcare apps physicians should prescribe to their patients](#)

[Three Health Technology Companies To Watch - Forbes \(UK\)](#)

[Tim Kelsey quits open data role for NHS informatics post | Guardian \(UK\)](#)

[To Curb Spending On Elderly, Hospitals Try New Business Models](#)

[Today in healthcare: from the King's Fund NHS Leadership and Management Summit | guardian.co.uk \(UK\)](#)

[Too complex and time-consuming to fit in! Physicians' experiences of elderly patients and their participation in medical decision making: a grounded theory study -- Ekdahl et al. 2 \(3\) -- BMJ Open](#)

[Top 10 free iPad Medical Apps for healthcare providers](#)

[TOPSESSiOn Channel - Cisco: Telehealth reduces cost, stress of pediatric care](#)

[Touchscreen tech tracks doc handwashing](#)
[Towards Evidence Based Development and Evaluation mHealth Interventions](#)
[Trial and Error: How to Avoid Commonly Encountered Limitations of Published Clinical Trials - Trialling web-based diabetes consultations \(UK\)](#)
[Tunstall Named Telehealthcare Provider of the Year \(UK\)](#)
[Tunstall Telecare Accessories on Vimeo \(UK\)](#)
[Tunstall Telehealthcare Blog: RCN Guidelines Highlight Telehealth Benefits \(UK\)](#)
[Twitter Emerges as Health Policy Sounding Board](#)
[Unprotected mobile devices place patient data at risk](#)
[Uprising in Mobile Health Care: Could Medical Apps Replace Doctors?](#)
[Urging Doctors to Do Less May Fall on Deaf Ears - NYTimes.com](#)
[US healthcare reform cannot be undone, says former Medicare boss \(UK\)](#)
[USDA Awards \\$8M To Support Telehealth Programs Nationwide](#)
[Using digital collaboration to help beat cancer \(UK\)](#)
[Using Telehealth technology to deliver pulmonary rehabilitation in chronic obstructive pulmonary disease patients \(UK\)](#)
[Using the iPad at your hospital](#)
[Using Twitter to Track Infectious Diseases](#)
[Using virtualisation on mobile phones for remote health monitoring](#)
[VA launches iPad pilot program](#)
[VA to equip 1,000 family caregivers with iPads](#)
[Verizon's Hughes Acquisition Could Advance Remote Health Monitoring](#)
[Video Ethnography & Readmission Rates for Elderly Heart Patients](#)
[Video: A Japanese Telepresence Robot that Lives on Your Shoulder](#)
[Video:Telemedicine on the Frontier](#)
[Vodafone aims to drop the m in mHealth, Articles](#)
[Vodafone, Telefonica Form Joint-Venture to Share 18,500 Network Sites \(UK\)](#)
[Volunteers help after thieves sabotage lifeline service \(UK\)](#)
[Walmart clinics go live with the cloud](#)
[Walmart's retail medical clinics to add telemedicine services](#)
[WCIT 2012, 18th World Congress on Information Technology](#)
[Wearable Tech: Welcome to the Future of Fashion](#)
[WellDoc readies prescription mobile health app for Type2 diabetes](#)
[WellDoc's\(R\) Mobile Diabetes Intervention System Highlighted at American Diabetes Association](#)
[72nd Scientific Sessions - MarketWatch](#)
[What Boomers Want](#)
[What do you think is the future of mHealth?](#)
[What Is Pulmonary Rehabilitation?](#)
[When Open-source can Kill or Cure](#)
[Where do our wasted health dollars go to?](#)
[Where Speech Recognition Is Going - Technology Review](#)
[While Some Seniors May Fear Technology, They're Still the Fastest Growing Group of Users](#)
[Why doctors should consider prescribing the iPhone iBGStar Blood Glucose peripheral](#)
[Why mHealth isnt HealthCare Access Through Mobile Technology? « mHealth Insight: the blog of 3G Doctor](#)
[Why social media may not be worth it for doctors](#)
[Why the exclusion of older people from clinical research must stop](#)
[Will self-diagnostic apps increase unnecessary concerns and create unnecessary appointments? « mHealth Insight: the blog of 3G Doctor](#)
[Will the Future Need Doctors?](#)
[Wire-free sleep monitor on market in Japan \(US / Ireland\)](#)

[Wireless Medical Sensor Networks: Design Requirements and Enabling Technologies | Abstract](#)
[Wireless medtech market driven more by consumers than telehealth](#)
[WISA - Lessons from the San Diego Beacon Community](#)
[With New Prediction Algorithm, a Patient's Past Foretells His Medical Future | Popular Science](#)
[World Bank invests \\$1.5 billion in eHealth](#)
[Would you lose weight if money were at stake?](#)
[X-rays and iPads: The network healthcare evolution](#)
[You Call That Innovation?](#)
[Youth diabetes, pre-diabetes rates soar](#)

Item 5c: Research, evaluation and evidence

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

[A cluster randomized controlled trial of a telephone-based parent intervention to increase preschoolers fruit and vegetable consumption](#)
[A Comprehensive Care Management Program to Prevent Chronic Obstructive Pulmonary Disease Hospitalizations](#)
[A model for assessment of telemedicine applications: MAST](#)
[A Multi-Sensor Monitoring System of Human Physiology and Daily Activities](#)
[A New Home for Computer Screens: The Face](#)
[A pilot health information management system for public health midwives serving in a remote area of Sri Lanka](#)
[A Randomized Controlled Trial of Telemonitoring in Older Adults With Multiple Health Issues to Prevent Hospitalizations and Emergency Department Visits](#)
[A Randomized, Placebo-Controlled Trial of Online Cognitive Behavioral Therapy for Chronic Insomnia Disorder Delivered via an Automated Media-Rich Web Application.](#)
[A review of Medicare expenditure in Australia for psychiatric consultations delivered in person and via videoconference](#)
[A review of telemedicine interventions in diabetes care](#)
[A review of the ways that healthcare professionals can improve the use of suitable medicines for older people](#)
[A survey of telehealth coordinators in Canada](#)
[Acceptability of the Consumer-Centric u-Health Services for Patients with Chronic Obstructive Pulmonary Disease](#)
[Aggressive treatment of glucose levels in pre-diabetes cuts diabetes risk by 70% - Pulse \(UK\)](#)
[Aging, Health Risks, and Cumulative Disability - NEJM](#)
[Amazon.com: Designing Telehealth for an Aging Population: A Human Factors Perspective](#)
[An electronic medication reminder, supported by a monitoring service, to improve medication compliance for elderly people living independently](#)
[An evaluation of diabetes self-management applications for Android smartphones.](#)
[Artificial pancreas success in clinical trial - Nursing Times \(Subscription required\) \(UK\)](#)
[Assessing Value in Health Care Programs](#)
[Association of Partner Status and Disposition With Rehospitalization in Heart Failure Patients](#)
[BBC News - Aggressive pre-diabetes approach needed, say researchers \(UK\)](#)
[BBC News - Twitter and Facebook used in photo project for dementia sufferers \(UK\)](#)
[Benefits of Modest Weight Loss in Improving Cardiovascular Risk Factors in Overweight and Obese Individuals With Type 2 Diabetes](#)
[Benefits of remote real-time side-effect monitoring systems for patients receiving cancer treatment](#)

[Beyond “Initiate-Build-Operate-Transfer” Strategy for Creating Sustainable Telemedicine Programs: Lesson from the First Decade](#)

[Blood Pressure Control Improved With Home Telemonitoring By Pharmacists](#)

[Bronchoscopic lung volume reduction for emphysema: where next?](#)

[Burden of Illness for an Employed Population with Chronic Obstructive Pulmonary Disease](#)

[Calling for Care: ‘Disembodied’ Work, Teleoperators and Older People Living at Home](#)

[Can training health professionals to ask people if they smoke increase offers of advice and help patients quit?](#)

[Citizens and ICT for Health in 14 EU countries: results from an online panel survey \(full draft report\)](#)

[Computerised dietary assessment interviews: Health professionals and patients' opinions about web communications](#)

[Costs and Benefits of Personalized Healthcare for Patients with Chronic Heart Failure in the Care and Education Program](#)

[Detection of Asymptomatic Paroxysmal Atrial Fibrillation with the Trans-Telephonic Electrocardiograph System | Abstract](#)

[Diabetes Management via Mobile Phones: A Systematic Review | Abstract](#)

[Digital technology use among disadvantaged Australians: Implications for equitable consumer participation in digitally-mediated communication and information exchange with health services “CSIRO - BroCAP](#)

[doc2doc forums - What can be done differently to help patients with long term conditions stay as well and as independent as possible?](#)

[Does a Large-Scale Organizational Transformation Toward Patient-Centered Access Change the Utilization and Costs of Care for Patients With Diabetes?](#)

[ECG telemonitoring during home-based cardiac rehabilitation in heart failure patients](#)

[Economic evaluation of telephone self-management interventions for blood pressure control](#)

[E-Counseling in Psychosocial Cancer Care: A Survey of Practice, Attitudes, and Training Among Providers | Abstract](#)

[Effect of Exercise on Blood Pressure in Type 2 Diabetes: A Randomized Controlled Trial](#)

[Effect of Home Blood Pressure Telemonitoring With Self-Care Support on Uncontrolled Systolic Hypertension in Diabetics](#)

[Effect of home blood pressure telemonitoring with self-care support on uncontrolled systolic hypertension in diabetics.](#)

[Effect of mobile phone-based psychotherapy in suicide prevention: a randomized controlled trial in Sri Lanka](#)

[Effect of Telephone-Administered vs Face-to-face Cognitive Behavioral Therapy on Adherence to Therapy and Depression Outcomes Among Primary Care PatientsA Randomized TrialTelephone vs In-Person Therapy for Depression](#)

[Effectiveness of dementia follow-up care by memory clinics or general practitioners: randomised controlled trial | BMJ](#)

[Efficacy of Telemedicine for Stroke: Pooled Analysis of the Stroke Team Remote Evaluation Using a Digital Observation Camera](#)

[E-Health and Healthcare Enterprise Information System Leveraging Service-Oriented Architecture](#)

[Emergency admissions for diabetes fall by almost 7% in integrated care pilot scheme](#)

[Emergency Departments, Medicaid Costs, and Access to Primary Care ” Understanding the Link ” NEJM](#)

[Engaging Patients via Mobile Phone Technology to Assist Follow-Up After Hospitalization in Quito, Ecuador | Abstract](#)

[European Cardiology Volume 8 - Issue 2 - Summer 2012 - telemonitoring and cardiovascular care](#)

[Exercise Slows Muscle Wasting from Age and Heart Failure](#)

[Exploring the benefits and challenges of telehealth | Nursing Times \(subscription\) \(UK\)](#)

[Exploring Therapeutic Alliance with an Internet-Based Self-Management Program with Brief Telephone Support for Youth with Arthritis: A Pilot Study | Abstract](#)

[Feasibility and Acceptability of Clinic-Based Telepsychiatry for Low-Income Hispanic Primary Care Patients | Abstract](#)

[Guide to Patient and Family Engagement: Environmental Scan Report](#)

[HbA1c levels and all-cause mortality in type 2 diabetic patients: Epidemiological evidence of the need for personalised therapeutic targets](#)

[Health information from different search engines can vary widely](#)

[Health Management and Policy Alert: Care at home: older peoples experience of domiciliary care \(UK\)](#)

[Heart Health Could Predict COPD Fate](#)

[Home telemonitoring shows improvement in HbA1c](#)

[Hong Kong Study: 'Use of CAT telemonitoring to support Early Discharge of COPD Patients' - slides](#)

[Implementing large-scale quality improvement: Lessons from The Productive Ward: Releasing Time to Care™](#)

[Integrated care: a story of hard won success](#)

[Internet based vascular risk factor management for patients with clinically manifest vascular disease: randomised controlled trial | BMJ](#)

[Internet Recruitment and Retention for a 6 Months Longitudinal Study - Smith - 2012 - Journal of Nursing Scholarship - Wiley Online Library](#)

[Investment in technologies for personalised healthcare saves money and lives - BJHC \(UK\)](#)

[Involvement of the practice nurse in supporting older people with heart failure: GP perspectives](#)

[Is There a Statistical Relationship between Economic Crises and Changes in Government Health Expenditure Growth? An Analysis of Twenty-Four European Countries - Cylus - 2012 - Health Services Research - Wiley Online Library](#)

[Japan 'diet glasses' fool wearers into eating less](#)

[JMIR--Effectiveness of a Web-Based Multiple Tailored Smoking Cessation Program: A Randomized Controlled Trial Among Dutch Adult Smokers | Smit | Journal of Medical Internet Research](#)

[Life-long Monitoring of Frail Patients With Chronic Diseases - ClinicalTrials.gov](#)

[Link between chronic obstructive pulmonary disease and coronary artery disease: Implication for clinical practice](#)

[Multiple Behavior Changes in Diet and ActivityA Randomized Controlled Trial Using Mobile TechnologyBehavior Changes in Diet and Activity](#)

[New Study Tests Mobile Telemonitoring of Home Health Care](#)

[New Trends to Support Independence in Persons with Mild Dementia “ A Mini-Review \(UK\)](#)

[NHS Connecting for Health: Healthcare Professionals, Mobile Technology, and Infection Control](#)

[NHS diabetes services are failing patients, NAO report says \(UK\)](#)

[North Rhine-Westphalia - 'My Heart' project to provide telecare to patients with left-sided heart failure](#)

[Nurses' strategies to address self-care aspects related to medication adherence and symptom recognition in heart failure patients: An in-depth look](#)

[Older adults and internet use | Pew Research Center's Internet & American Life Project](#)

[Online Remote Monitoring of Patients with Differentiated Thyroid Carcinomas and Neuroendocrine Tumors Treated with High Doses of Radionuclides | Abstract](#)

[Outcomes Research: A Meta Narrative Systematic Review](#)

[Patient empowerment: The need to consider it as a measurable patient-reported outcome for chronic conditions](#)

[Physical activity and exercise for health and well being of older people](#)

[PLoS ONE: Psychodynamic Guided Self-Help for Adult Depression through the Internet: A Randomised Controlled Trial](#)

[Potential impact on estimated treatment effects of information lost to follow-up in randomised controlled trials \(LOST-IT\): systematic review | BMJ](#)

[Principle-based analysis of the concept of telecare](#)

[Real Time Patient Tele-monitoring System Using LabVIEW](#)

[Realtime patient telemonitoring system using LABVIEW](#)

[Reliability and Validity of Gait Analysis by Android-Based Smartphone | Abstract](#)

[Remote Monitoring Reduces Healthcare Utilization and Improves Quality of Care in Heart Failure Patients with Implantable Defibrillators: The EVOLVO \(Evolution of Management Strategies of Heart Failure Patients with Implantable Defibrillators\) Study](#)

[Results of a telehealth-enabled chronic care management service to support people with long-term conditions at home](#)

[Self-monitoring of blood glucose in Type 2 diabetes: cross-sectional analyses in 1993, 1999 and 2009](#)

[Self-Reported “Communication Technology” Usage in Patients Attending a Cardiology Outpatient Clinic in a Remote Regional Hospital](#)

[Should You Search the Internet for Information About Your Acute Symptom? | Abstract](#)

[STeleR study: Telerehab improves functioning after stroke](#)

[Stress amongst nurses working in a healthcare telephone-advice service: relationship with job satisfaction, intention to leave, sickness absence, and performance - Farquharson - 2012 - Journal of Advanced Nursing - Wiley Online Library](#)

[Stress and Fitness Monitoring Embedded on a Modern Telematics Platform | Abstract](#)

[Study Compares Effectiveness of Telephone-Administered vs. Face-to-Face Cognitive Behavioral Therapy for Depression](#)

[Study shows dictation with EHR means worse care](#)

[Study shows people with Type 2 diabetes require ongoing and sustained clinical support](#)

[Study touts benefits of telemonitoring for those with high blood pressure](#)

[Study: Telemonitoring Improves Diabetes Treatment](#)

[Study: Telerehab improves functioning after stroke](#)

[Tailored telemonitoring in patients with heart failure: results of a multicentre randomized controlled trial](#)

[Technologies for Enhancing Access to Health Management: A Pilot Study of Community-Based Telehealth | Abstract](#)

[Teledermatology Patient Satisfaction in the Pacific Northwest | Abstract](#)

[Telehealth Helps Boost Stroke Rehabilitation Outcomes, Study Finds - iHealthBeat](#)

[Telehealth Physician Oversight over Direct to Consumer Testing: Doctors Working with Patients Towards Patient Empowerment | Abstract](#)

[Telehealth—A Change in a Practice Model in Oncology](#)

[Telemedicine for the Reduction of Myocardial Infarction Mortality: A Systematic Review and a Meta-Analysis of Published Studies | Abstract](#)

[Telemonitoring Can Help Control and Lower Blood Pressure, Research Shows](#)

[Telemonitoring effect on diabetes outcomes long-lasting](#)

[Telemonitoring helps to lower blood pressure rates](#)

[Telemonitoring improves results for patients with hypertension](#)

[Telemonitoring keeps heart failure patients out of ER](#)

[Telemonitoring of diabetic foot ulcers being managed in the outpatient setting](#)

[Telemonitoring of Outpatients with Heart Failure: A Search for the Holy Grail?](#)

[Telemonitoring of outpatients with heart failure: a search for the holy grail?](#)

[Telemonitoring, COPD and cough counting](#)

[Telephone-delivered health education and interpersonal counseling improve quality of life for Latinas with breast cancer and their supportive partners - Badger - 2012 - Psycho-Oncology - Wiley Online Library](#)

[Telepsychiatry for Children Improved Symptoms, Halved ED Visits](#)

[Telerehabilitation Needs: A Bidirectional Survey of Health Professionals and Individuals with Spinal Cord Injury in South Korea | Abstract](#)

[The appropriateness of, and compliance with, telephone triage decisions: a systematic review and narrative synthesis - Blank - 2012 - Journal of Advanced Nursing - Wiley Online Library](#)

[The Diabetes Telemonitoring Study Extension: an exploratory randomized comparison of alternative interventions to maintain glycemic control after withdrawal of diabetes home telemonitoring.](#)

[The economic benefit of hip replacement: a 5-year follow-up of costs and outcomes in the Exeter Primary Outcomes Study](#)

[The impact of nurse short message services and telephone follow-ups on diabetic adherence: which one is more effective?](#)

[The Rowland Universal Dementia Assessment Scale \(RUDAS\) as a reliable screening tool for dementia when administered via videoconferencing in elderly post-acute hospital patients](#)

[Twenty years of telemedicine in chronic disease management “ an evidence synthesis](#)

[Two New Studies Link Sleep Apnea and Cancer](#)

[Use of CAT telemonitoring to support Early Discharge of COPD Patients](#)

[Use of telehealth for patients referred to a retrieval service: timing, destination, mode of transport, escort level and patient care](#)

[VA is launching iPad patient study to evaluate healthcare benefits of tablet use](#)

Item 5d: Long term conditions

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

[Youth diabetes, pre-diabetes rates soar](#)

[A Comprehensive Care Management Program to Prevent Chronic Obstructive Pulmonary Disease Hospitalizations](#)

[A Randomized Controlled Trial of Telemonitoring in Older Adults With Multiple Health Issues to Prevent Hospitalizations and Emergency Department Visits](#)

[A review of telemedicine interventions in diabetes care](#)

[Acceptability of the Consumer-Centric u-Health Services for Patients with Chronic Obstructive Pulmonary Disease](#)

[Aggressive treatment of glucose levels in pre-diabetes cuts diabetes risk by 70% - Pulse \(UK\)](#)

[BBC News - Diabetes care 'has been failing for decade' \(UK\)](#)

[BBC News - Doctors 'risking email privacy breaches' \(UK\)](#)

[Burden of Illness for an Employed Population with Chronic Obstructive Pulmonary Disease](#)

[Comorbidities are common in patients with COPD](#)

[Costs and Benefits of Personalized Healthcare for Patients with Chronic Heart Failure in the Care and Education Program](#)

[Diabetes on the Rise Among Teenagers - NYTimes.com](#)

[Diabetes patients at risk from medication mistakes - guardian.co.uk \(UK\)](#)

[Diabetes timebomb: Only half of NHS patients receiving acceptable care - Health News - Health & Families - The Independent \(UK\)](#)

[Diabetes treatment is a postcode lottery - Telegraph \(UK\)](#)

[Diabetes: a million not getting all basic checks - Telegraph \(UK\)](#)

[ECG telemonitoring during home-based cardiac rehabilitation in heart failure patients](#)

[ESC | Guidelines & Surveys | Acute and Chronic Heart Failure](#)

[My Diabetes My Way - Diabetes Information in Scotland \(UK\)](#)

[NHS 'can't cope' with long-term medical conditions \(UK\)](#)

[Rising diabetes rates among overweight teens could lead to heart problems, researchers say](#)

[Should oxygen be used for patients with chronic heart failure? - University of Hull \(UK\)](#)

[Telehealth Program Provides Rural COPD Patients Needed Education and Rehab](#)
[Telemonitoring effect on diabetes outcomes long-lasting](#)
[Telemonitoring, COPD and cough counting](#)

Item 5e: Learning and events

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

4th Future of Wireless International Conference, 26-Jun-12, Cambridge, UK
<http://www.cambridgewireless.co.uk/futureofwireless/default.aspx>

Home Care Technologies - A MATCH Project Perspective , 26-Jun-12, Glasgow, UK
<http://www.match-project.org.uk/events/colloquium.html>

Achieving high quality care for people with complex needs, 27-Jun-12, London, UK
http://www.kingsfund.org.uk/events/coordinating_care.html

Ambient Assisted Living Summit 27-29th June 2012 in Bilbao, Spain
<http://www.aaliance.eu/public/events/aal-summit-2012/>

Commissioning 2012, 27 to 28 June 2012, London, UK <http://www.commissioningshow.co.uk/>

Digital Health Conference and Hack, 29-Jun-12, Leeds, UK <http://digihealthcon.eventbrite.co.uk/>

Providing for an Ageing Society Conference 29 Jun 2012, London
<http://www.capitaconferences.co.uk/public-sector-conferences/health-social-care/full-conference/article/providing-for-an-ageing-society-conference.html?>

2020 Health - Healthcare Without Walls, 2 to 3 July 2012, London, UK
http://www.events4healthcare.com/2020_Health_Summit_Conference_.html

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

Telehealth and telecare: beyond the Whole Systems Demonstrator (WSD) programme and improving adoption, 03-Jul-12, London, UK
<http://www.westminsterforumprojects.co.uk/forums/event.php?eid=409>

5 July 2012 - Using telecare to reduce the cost and increase the effectiveness of re-ablement and intermediate care. <http://www.cuhtec.org.uk/download/FDetailsReableJuly12.pdf> and <http://www.cuhtec.org.uk/events.php> for details

6 July 2012 - Assistive Technology and telecare for learning disability services.
<http://www.cuhtec.org.uk/download/FDetailsLDJuly12.pdf> and <http://www.cuhtec.org.uk/events.php> for details

SEHTA - Meet The Buyer Event, 14 Sept 2012 The Wolfson Conference Centre, Stoke Mandeville Stadium, Aylesbury, Bucks HP21 9PP

2013

Healthcare Innovation Expo 2013 - Europe's largest, most exciting healthcare innovation event 13th & 14th March 2013, London <http://www.healthcareinnovationexpo.co.uk/>

Item 6 - Other useful links

DALLAS _Connect Sub Group

Join the Sub Group at:

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

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

Telecare Aware – news and comments

www.telecareaware.com

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

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