



ACADEMIC HEALTH
SCIENCE NETWORK
NORTH EAST AND NORTH CUMBRIA

Cross-Cutting Telehealth Programme North East and Cumbria

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The Origins of Telehealth In Tyne & Wear

The South of Tyne & Wear PCT Telehealth Project ran from May 2011 to March 2013

Population of around 644,000

3 - Foundation Trusts

3 - PCT's / CCG

3 - Metropolitan Councils
Sunderland, Gateshead and South
Tyneside

3 – Telecare/Telehealth Control Rooms



Headlines on the Whole System Demonstrator

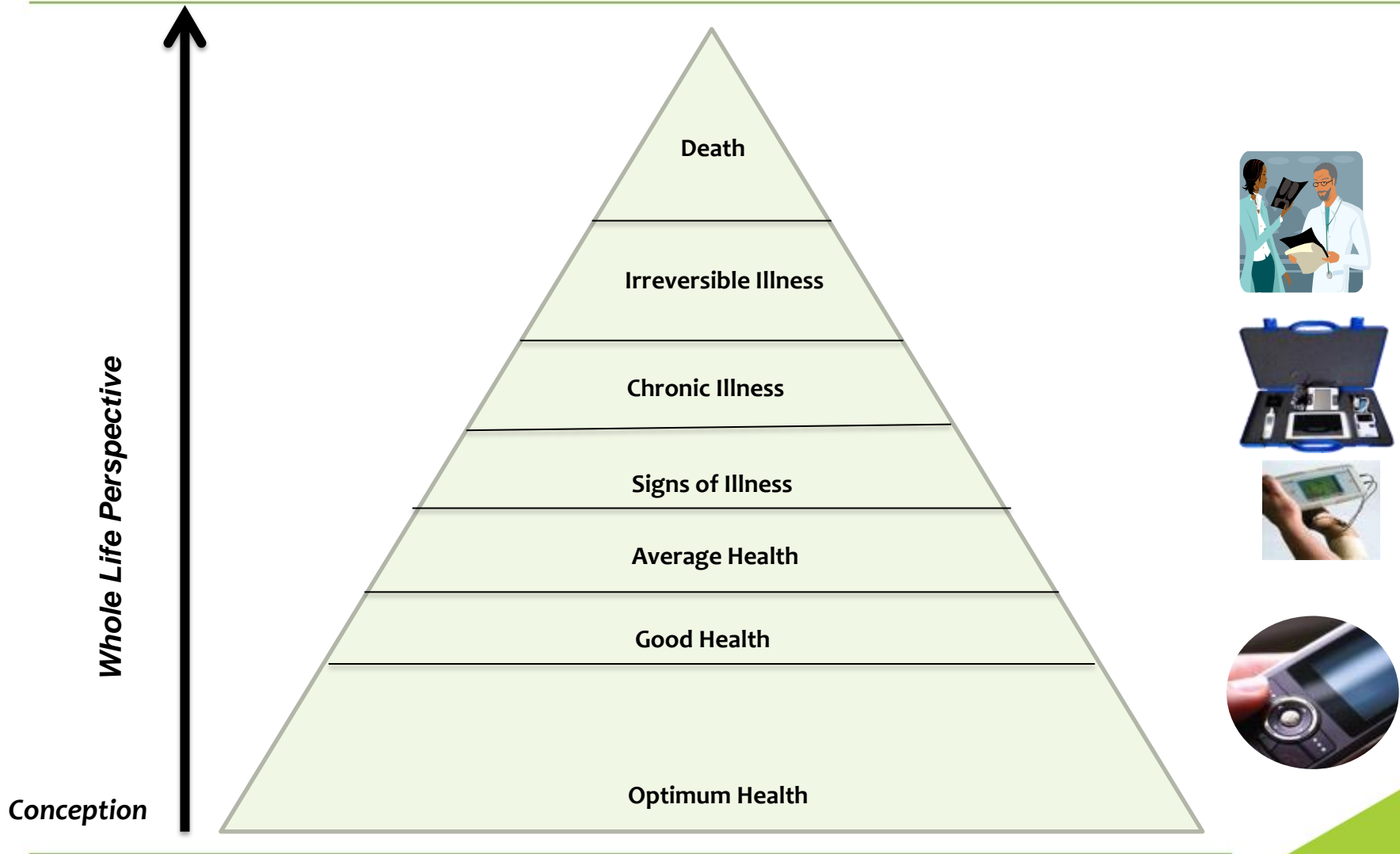


Only 3 Conditions were Included in the Trial

The headline findings of Telehealth were mixed. The good news was that mortality of Telehealth patients over the year of the trial was 46% less than the control group. Hospital admissions were 18% lower. To me, these figures should be enough to justify an immediate rollout. I fancy the idea of increasing my chances of staying alive. But it won't happen – because the third big finding of the report was that Telehealth would not save money.

The Guardian 2nd July 2012

The Multi Matrix Model Seeks to Cross “The Whole Life Perspective”



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NHS Florence SMS Simple Telehealth System



Specialist Clinicians



GP Practices



Community and
Specialist
Nursing



Public Health
And the 3rd Sector



Local Authority Control Room and Adult Social Care



SMS

Prompts and
advice

For Patients Who Cannot Use SMS There is a WHZAN solution which can also be used on the patients own mobile device.



What has been Delivered Using Flo

Some of the Current Pathways within the North East and Cumbria (there are now over 220 Pathways Developed and use by 6 FT, 128 GP Practices & 700 clinicians)

Condition

Clinical Lead

➤ Heart Failure, Angina etc.	FT, GP
➤ COPD and Respiratory etc.	FT, GP
➤ Hypertension	GP
➤ Diabetes	FT, GP
➤ Gestational Diabetes	FT
➤ Type 1 Kids T1KZ	FT, GP and 3 rd Sector
➤ Parkinson's	FT
➤ Rapid Discharge	FT
➤ Carers Pathway	GP, LA & PH and 3 rd Sector
➤ Acquired Head Injury and Stroke	FT, GP
➤ Primary Care Step Up Step Down	GP
➤ Care and Nursing Home	GP, LA
➤ Weight Management	FT, GP, LA & PH
➤ Smoking Cessation	LA & PH
➤ Remote Wound Dressing Monitoring	FT
➤ Community Matron Case Load	FT
➤ Alcohol Induced Morbidity	FT, GP

FT = Foundation Trust GP = General Practitioner LA & PH = Local Authority & Public Health

The AHSN and NHS Telehealth Programme Delivered

- Over 220 Florence Pathways delivered
- Working in 6 Foundation Trusts
- 25 Hospital Departments
- 12 Community Clinical Teams
- 6 CCG's
- 128 GP Practises
- 4 Local Authorities
- Two 3rd Sector Organisations and Type 1 Kids (T1KZ) Rapidly Expanding Regionally
- 4 Community Health Groups
- 7 Nursing Care Homes
- Over 700 Clinicians involved
- Pregnancy Services Telehealth Pathway adopted in 5 FT's with a further 7 nationally wishing to also implement.
- Health Economic Evaluation completed in Pregnancy Services with potential savings being evidenced across the NHS and whole health economy (High Level Figures published by Kim Hinshaw 11th Sep 2015 and a Future Open BMJ Paper Likely)

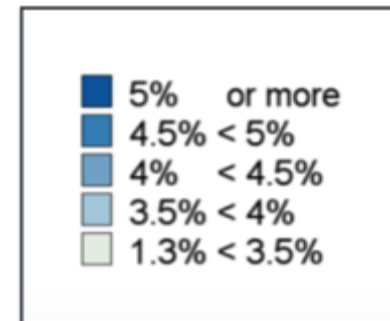
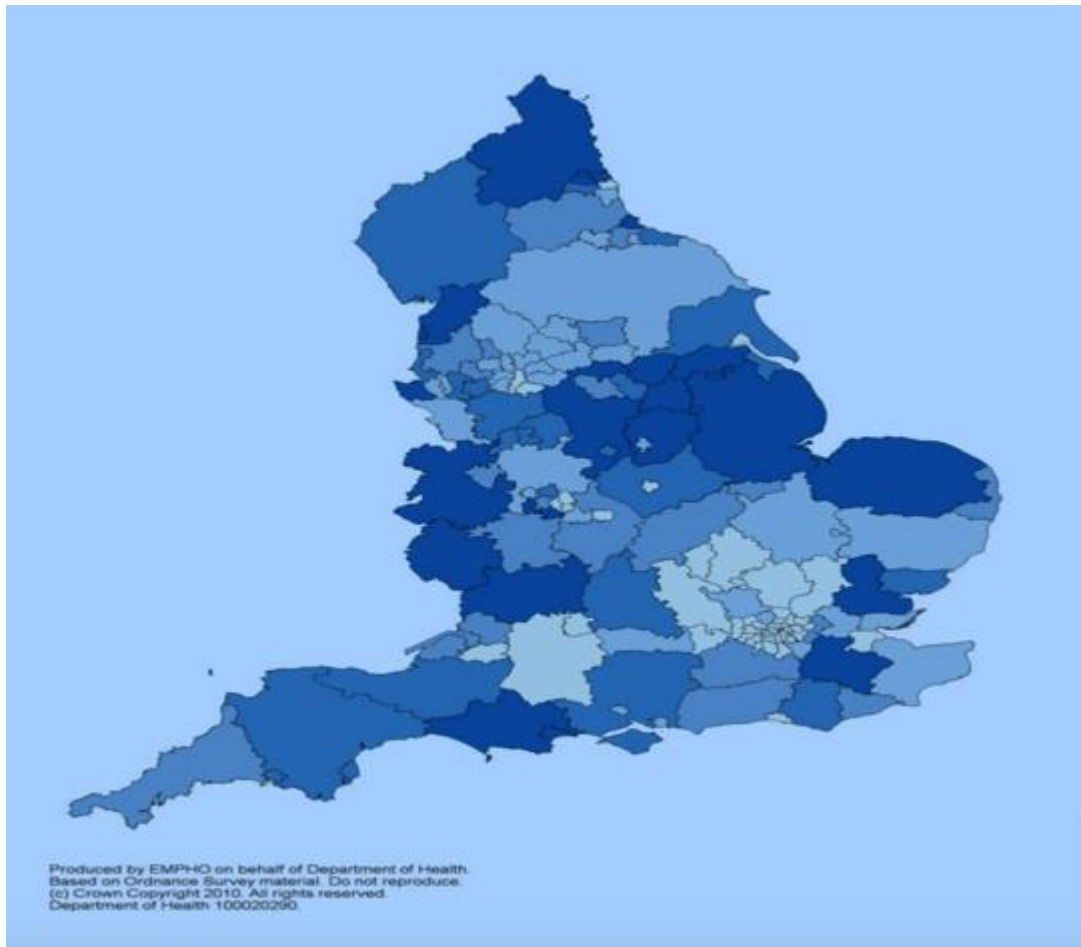
9 Regional Florence Telehealth Licenses in Operation!



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How common is kidney disease in England?

About 9% of the English adult population are estimated to have CKD stages 3-5



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Linking Nova Creatinine Meter to Flo



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A Final Thought on Some of the Opportunities of Digital

Prevention opportunity to use cheap solutions to reduce prevalence of LTC

Open and Free Software Platforms no license fees or costs to retrieve data

Care Home use of systems that work with the Care Provider and NHS

Reduced Admissions use the existing resources available build in signposting and refer patients to 111 & the British Lung Foundation etc. for none emergency interventions

Integrate different providers and parts of the solution no one provider has the whole picture or solution

Regional and National TECS Leadership and Sustainability

Contact Details

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