Building an Integrated Learning System

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Overview

- What is Project ECHO
- ECHO in NI
- ICP’s & ECHO
- Transformation
- Evaluation
What is Project ECHO?

**Extension of Community Healthcare Outcomes**

Not for profit movement to improve care by gathering a community of practice together online, for learning and support, with the goal of improving decision-making by collaborative problem solving.
How ECHO works

Hub & spoke model

Hub: Selected multi disciplinary team with specialist knowledge

Spokes: Network members with a shared interest (Remote)
How ECHO works

**ECHO Session Format**

- 1.5 - 2 hours (every 4-6 weeks)
- 20-30 minute education presentation (From hub)
- 1 or 2 x case presentations linked to education topic (delivered by spokes)
- Facilitated discussion
- Sessions recorded (Stored securely/unique login)
- Moodle – information repository
Technology

SOFTWARE – ZOOM
• ZOOM “cloud” based
• ZOOM Encrypted
• ZOOM is free to Project ECHO participants
• ZOOM uses low bandwidth
• Your admin support will send you a meeting id code to join

HARDWARE
• Phone or tablet
• Laptop/PC with plug & play video camera
• Equipment scoping exercise (Reform Team)
• Hub – equipment at ECHO HQ
ECHO IS... A community of the willing

ECHO IS... Democratising “specialist” knowledge

ECHO IS... Building a Community of Practice

ECHO IS... Tele-Mentoring
Project ECHO NI
Road Map

2015-16
Pilot
5 Knowledge Networks

2016-17
Year 2
19 Knowledge networks

2017-present
Year 3 +
30 Knowledge Networks
Northern Ireland NHS crisis - 80,000 patients waiting more than a year to see consultant
“The way we design and deliver services will be focussed on providing continuity of care in an organised way. To do so we will increasingly work across traditional organisational boundaries, to develop an environment characterised by trust, partnership and collaboration.”

Health and Wellbeing 2026 – Delivering Together
ICP Workplan

- Priority 1 - Frailty
- Priority 2 – Nursing Home Transformation
- Priority 3 - Diabetes
- Priority 4 – Palliative Care
- Priority 5 – Person Centred Care
- Priority 7 – Dementia
- Priority 9 - Opiate Substitute Prescribing
- Priority 10 - Neurology
Our HSC Networks

- Cardiology & Palliative HF
- Regional Child & Adolescent Mental Health
- Palliative Care Paediatrics
- NISCC – Domiciliary & Social Work
- Palliative and end of life care needs - SE Trust

- Gynaecology
- Community Pharmacy & impact age well
- Practice Based Pharmacists via GP Federations
- Diabetes
- MSK

- Optometry West
- Gastroenterology
- Palliative care Network Pharmacies
- Nurse Training – Diabetes
- Neurology

- ENT
- Optometry/Ophthalmology (Macular and glaucoma)
- Regional quality improvement & patient/Client safety
- Prison Healthcare SEHSCT
- Marie Curie provision of education to registered nurses

- Dementia
- Regional Child & Adolescent Mental Health Services
- Health Visitor Support - BHSCT (Children)
- QUB Medical Students
- Dermatology

- Expert Carers – Adult Social Care Reform
- Best Practice Governance in HSC
- General Surgery
- Positive Behaviour Support
- GP Support
Transformation in action

• OPTOM VIDEO
Evaluation

• We are evaluating each individual network and their own unique journey.

You say your program works but why should I believe you?  
Because I have evidence.

freshspectrum.com
Evaluation - Logic Model

Outcomes Based Accountability

What did you do?
How well did you do it?
Is anybody better off?
Neurology Project ECHO network

Background: Neurology service model largely focused on outpatient delivery; 13,522 people on waiting list for first outpatient appointment (March 2017) with 5055 waiting more than one year

Aim: to build the capacity of GPs to manage more patients within the community and provide higher quality of care through education and improved access to specialist neurological advice

9 ECHO sessions
On average, 19 GPs participated
14 patient case presentations

What benefits were reported by GPs?

100% agreed their clinical skills in neurology had increased

100% agreed their confidence to manage neurological conditions increased

100% apply lessons learned from this network to patients in their care

73% felt connected to and respected by the specialists who were part of the network

82% agreed that case-based learning was an impactful way of learning

91% agreed didactic sessions were an effective way to develop knowledge and clinical skills

100% agreed ECHO enhanced their professional satisfaction

Impacts on practice

"I am more confident in making sure I have checked for important symptoms or signs to rule out red flag presentations"

"I know my management of neurological conditions has improved"

"I am now more confident in requesting advice from consultants or managing patients myself rather than referring early"
Enhanced job satisfaction
Reduced isolation
Building Communities of practice
Safe learning space
Improved decision making
Collaborative problem sharing
Peer support
ECHO NI Summary

1. **Education** for generalists and specialists in learning loops providing CPD, and latest updates.

2. **Support** for isolated practitioners from peers and hospital services to work to their capacity.

3. To develop a community of practice which spans primary, secondary and commissioning professionals to develop ideas, plans and governance for **service transformation**
ECHO Movement

NEW MODELS OF CARE

NHS hierarchy disruptors

A UK model to facilitate learning among community and specialist clinicians has been used by Hospice UK. Could Project ECHO transform the NHS, asks Lynn Raito.

We want to shift care into the community. We've had many attempts in the NHS to do it, but they've all failed.

In New Mexico, "we were seeing people things like a few in a day. They were meeting every week, and they were showing up that they were dealing with something that was a big problem.


ECHO Partner Locations

Count: 327  Last Updated: 09/15/2019

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ECHO Focus Categories

Cancer Prevention Risk Reduction Cancer Screening Cancer Treatment Cardiovascular Disease Gastroenterology Gastroenterology Health Education Cancer Care Home Health Hematology/Cytogenetics Neurology

Quality Improvement Education Pediatrics Substance Use Disorders Infectious Disease Behavioral Mental Health
Thank You
if interested get in touch...

www.echonorthernireland.co.uk