Stroke Thrombolysis across Lancashire and Cumbria:

The Telestroke Solution
Stroke Units in Lancashire & Cumbria
National Stroke Strategy
National Stroke Strategy

- QM 7 Urgent response

- All patients with suspected acute stroke are immediately transferred by ambulance to a receiving hospital providing hyper-acute stroke services where a stroke triage system, expert clinical assessment, timely imaging and the ability to deliver 24 hour thrombolysis.
National Stroke Strategy

• QM 8 Assessment

• Patients with suspected acute stroke receive an immediate structured clinical assessment from the right people.

• Patients requiring brain imaging are scanned in the next available scan slot within usual working hours, and within 60 minutes of request out-of-hours with skilled radiological and clinical interpretation being available 24 hours a day.
National Stroke Strategy

• QM 17 Working together - Networks

‘Virtual networks’, where people are seen, assessed and imaged at local DGHs with appropriate teleradiology and telemedicine support are a possibility, particularly in rural areas.
Current Network position

- Population 2.2 million (including Southport & Ormskirk)
- 8 acute sites receiving stroke patients
- 4450 strokes last year
- 10% potentially could be thrombolysed (445Pts)
- Last year only 20 Patients thrombolysed
- This year much greater take up
- All Trusts within Lancashire & Cumbria now offer 9-5 services (normal working days)
Telestroke concept

- Virtual rotating hub of stroke physicians with business broadband capability at home
- Out of hours solution to catch the 60% of patients missed by 9-5 services
- Use of remote consultation with access to PACS
- NB. the majority of patients present 6am - 11pm
Typical Telestroke pathway

- NWAS pre alert hospital for + FAST
- ED assessment using ROSIER
- CT scan and local assessment
- “On Call” Stroke physician contacted at home to support local stroke teams via video link
- Summary of Telestroke consultation, diagnosis, and thrombolysis advice sent to local site via secure link for inclusion in patient medical records.
- Local Medical staff will prescribe & deliver Thrombolysis medication, as per local pathway.
Telecart / Laptop

Hospital Bedside

Telestroke consultant
Telestroke Benefits

- Provision of an Equitable Thrombolysis Service 24/7
- Access to best care for difficult to reach rural areas
- Access to expert opinions and advice 24/7
- Better outcomes for stroke Survivors
- The best treatment available to ALL OF OUR patients regardless of the time of day.
Any questions?

www.csnlc.nhs.uk

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