

Cardiac and Stroke Networks in Lancashire & Cumbria

Telestroke Data Collection and Analysis.

Introduction

The detailed specification for the Cumbria and Lancashire out of hours Telestroke project was to provide *“a consultant led out of hours Telemedicine service for the assessment of patients presenting with acute stroke who may be eligible to receive stroke thrombolysis within Lancashire and Cumbria.”*

This document has been developed following discussions with the Cardiac and Stroke network, NHS Central Lancashire (lead PCT) and North Cumbria University Hospitals (lead Provider) on the core information requirements required to measure the service.

Data Collection

In line with evaluation and governance requirements for the service, information collected from the Joint Decision Making Checklist (JDMC) completed for each Telestroke patient and SINAP will be used as primary sources of data. Supplementary data from the Technical Support Provider (Appendix 1) and information relating to ‘On Call Episodes’ will be obtained to provide further detail and support further investigation. (N.B. Patient Experience data will be discussed independently of this paper.)

The spread sheets attached to this paper detail data requirements attached to:

1. Performance Monitoring for Commissioners: Out-of-hours Telestroke Service (Appendix 2)
For full details please see the paper circulated by Cumbria & Lancashire Commissioning Business Service ‘Performance Monitoring for Commissioners: Out-of-hours Telestroke Service.’ (Appendix 3)
2. Quality Monitoring by the Lead Provider: Out-of-hours Telestroke Service (Appendix 4)

Unfortunately it is not possible to obtain patient level data for all participating organisations directly from the RCP SINAP System instead each Trust must access to its own data on the SINAP system. It will therefore be necessary for all participating organisations to submit a full extract of SINAP data to a central data warehouse on a **monthly basis in line with the SINAP reporting schedule.**

Cumbria & Lancashire Commissioning Business Service (C&LCBS) has agreed to provide data warehousing for the Telestroke Service.

The lead provider must ensure that appropriate data sharing agreements are in place for all Trusts participating in the Telestroke project to facilitate the receipt of the data by C&LCBS.

Data Analysis

In order to analyse the SINAP data it is proposed that CSNLC will provide a Data Analyst to develop a set of queries that will be run on a monthly basis to extract the relevant data from the full SINAP data set submitted by each Trust.

Once the regular queries have been developed and tested it is proposed that the monthly queries will be run by the Telestroke Administrator based with North Cumbria University Hospitals Trust.

Reporting

It should be noted that the definition for these reports is yet to be agreed. The Performance Monitoring report for Commissioners will be distributed by C&L CBS and it is assumed that the Report Recipients will independently distribute any reports provided by C&LCBS to relevant agencies using their own communication channels.

The Quality Monitoring Report will be distributed by NCUHT as per the Communication Plan (Appendix 5)