**Data Flow Diagram: South London Stroke Register**

**Chief Investigator:** Dr Iain Marshall

**IRAS ID:** 300247

**Date 17/07/2023**

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**Data Flow Diagram Description:**

- **SLSR fieldworker** screens **HOSPITAL DATA** (ward lists, stroke clinic, radiology reports, EPR). Patients with NHS national data opt out not screened.

- Postcode and stroke diagnosis, NHS# [assess eligibility, validate]. Name, hospital# and ward location [inpatients] or telephone number [discharged patients] to contact eligible patients.

- Consent/Consultee advice obtained:
  - **RECRUITMENT DATA COLLECTION:** clinical researcher conducts interview, clinical information collected from hospital EPR (initial questionnaire)
  - **LA:** Consent for disclosure

- **Name, DOB, postal address, phone number** [to enable contact from research team for follow-up interviews] entered on **SLSR PARTICIPANT DATABASE**, held at KCL

- **LA:** Consent for disclosure

- **RESEARCH DATABASE** (Pseudonymised data)
  - **Joint data controller:** King’s College London and GSTT

- **If patient deceased:**
  - **RECRUITMENT DATA COLLECTION** clinical researcher collects clinical information from hospital EPR.
  - **Data anonymized at source:** DOB recorded as age (years) at time of stroke.
  - Date of death recorded as days from stroke until death.
  - Postcode recorded as area-based socioeconomic score.
  - Ethnicity recorded as ONS broad category.

- **LA:** Section 251

- If patient declines, no further data collected. Patient decision recorded on screening log to avoid further re-contact.

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**For consenting participants, living in Lambeth linkage area:**

- **Pseudonymised questionnaire data** entered on research database

- **LA:** Consent for disclosure

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**Date and cause of death, Hospital admissions (HES)**

- **LA:** Consent for disclosure

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**Primary care health diagnosis and management information**

- **LA:** Consent for disclosure

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**NHS England**

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**Lambeth DataNet**

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