

Sentinel Stroke National Audit Programme (SSNAP)

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Post-acute Organisational Audit

Public Report

Phase 1: Post-acute stroke service commissioning audit

June 2015

Prepared by

Royal College of Physicians, Clinical Effectiveness and Evaluation Unit on behalf of the Intercollegiate Stroke Working Party

Document purpose	To disseminate commissioner level results for the audit of post-acute stroke services commissioned within England, Wales and Northern Ireland, which forms part of the SSNAP post-acute organisational audit.
Title	Report on Phase 1 of SSNAP Post-acute Organisational Audit 2015: Post-acute stroke service commissioning audit
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Target audience	Commissioners and providers of stroke services (Clinical Commissioning Groups (CCGs) in England, Local Commissioning Groups (LCGs) in Northern Ireland, and Local Health Boards in Wales), Strategic clinical network leads, clinicians, managers, Departments of Health and the general public
Description	This audit report has been compiled for commissioners and providers of post-acute stroke services, strategic clinical network leads, clinicians, managers involved in stroke services, and the general public. The report presents results for phase 1 of the SSNAP post-acute organisational audit of stroke services in which commissioning organisations provided information on the post-acute stroke services they commission (provide) for stroke survivors following discharge from the acute care setting. This report describes the provision of post-acute stroke services compared to recommendations for commissioners, within the National Stroke guideline. The results reflect services commissioned on 1 December 2014 . The post-acute organisational audit complements the continuous SSNAP clinical audit which reports publically every 3 months on the process and outcomes of stroke care and includes post-acute stroke teams.
Related publications	SSNAP clinical audit reports, SSNAP Acute Organisational Audit reports, National Clinical Stroke Guideline, Royal College of Physicians 2012
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Foreword

The stroke care pathway is a complex one. It begins with primary prevention including regular blood pressure checks, health checks and changes in lifestyle for those considered to be at high risk. In the event of a stroke, people need high quality treatment as soon as possible, and in order to ensure this happens hospitals now have acute specialist stroke services. These acute inpatient care facilities provide fast and up to date stroke treatments which have been proven to reduce stroke mortality and morbidity. However good the acute care, many patients will be left with impairments that require on-going treatment and support.

Little is known about the organisation and structure of care received after discharge from specialist acute inpatient services. For the first time SSNAP is attempting to understand this by carrying out a post-acute organisational audit. This is taking place in two parts. This report summarises the information provided by commissioners and health boards about what services are being commissioned and provided. It gives useful information about the number and range of services and to what extent co-commissioning with other areas or with social services is happening. It is a descriptive report. The numbers of services is not necessarily informative about the quality or indeed the coverage of the services. More services identified in this report to obtain further information for Phase 2 of the audit and this information will describe in much more detail what a patient might expect to receive in terms of waiting times for treatment, intensity and duration of treatment, and make-up of the team in terms of numbers and expertise of the team members.

Even though this is just the first part of the audit it does highlight some important messages summarised in the section below.

Executive Summary

Introduction

Sentinel Stroke National Audit Programme (SSNAP)

SSNAP collects data every two years on the structure and organisation of acute care and clinical data on all stroke patients admitted to hospital on a continuous basis. This clinical audit data collection extends into the community with the potential to follow the patient pathway through bed based intermediate care, domiciliary rehabilitation and up to six months after the initial stroke. It predominantly measures the processes of care but includes some outcomes including mortality and disability (Rankin score).

The aims of the SSNAP post-acute organisational audit – Phase 1

- To identify services commissioned to provide rehabilitation for stroke patients beyond the acute setting.
- To provide timely, transparent information to patients, the public and professionals about the quality of stroke care organisation in the post-acute setting locally and nationally.
- To provide commissioners with evidence of the quality of commissioned services.
- To identify where improvements to services are needed and made recommendations.

Services identified in Phase 1 of the audit will be recruited to complete a more detailed provider organisational audit (Phase 2) later in the year.

Organisation of the Audit

SSNAP is commissioned by the Healthcare Quality Improvement Partnership (HQIP) on behalf of NHS England and the Welsh Government as part of the National Clinical Audit and Patient Outcomes Programme (NCAPOP) and run by the Clinical Effectiveness and Evaluation unit (CEEU) of the Royal College of Physicians, London. The audit is guided by a multidisciplinary steering group responsible for the RCP Stroke Programme – the Intercollegiate Stroke Working Party (ICSWP). Details of membership of the ICSWP can be found in Appendix 1 or <u>www.rcplondon.ac.uk/stroke</u>.

Main Findings and Recommendations for Commissioners

- 1. Participation in the SSNAP inaugural organisational audit of post-acute stroke care commissioning has been excellent with 99.6% of responsible bodies providing data.
- 2. There is widespread variation, both by region and country, in the types of post-acute stroke care currently being provided.
- 3. The lack of appropriate services being commissioned raises concerns that care home residents may be being denied access to stroke rehabilitation services in some areas.
- 4. All commissioners are recommended to draw up consistent service specifications with their provider organisations and include participation in SSNAP clinical audit as a requirement.
- 5. All commissioners are recommended to support a 6 month post-stroke assessment for all patients as recommended in the National Stroke Strategy and required by the CCG Outcome Indication Set (CCG OIS).
- 6. All commissioners should be commissioning stroke-specific Early Supported Discharge (ESD).
- 7. All commissioners are recommended to consider joint health and social care collaboration to address major shortfalls in provision of emotional and psychological support after stroke and vocational rehabilitation.
- 8. Commissioners are recommended to participate with providers in using SSNAP data as part of a programme of managed quality service improvement.

Summary of Results

This section presents an executive summary of the findings of the audit. It consolidates the clinical commentary from the national results section (section 3) of the report. For ease of reading it does not include the full findings which are presented in the tables within the relevant section of this report.

Participation in organisational audit

 The all but complete participation from CCGs, Local Health Boards and LCGs reflects the 100% participation from clinical providers in the hospital based SSNAP acute organisational audit and is to be congratulated. This partnership and commitment between commissioners and providers towards auditing stroke care provides a firm foundation for service improvement challenges ahead.

Participation in continuous clinical audit

- Participation of post-acute services in SSNAP clinical audit has been slowly improving but is still a long way short of the nearly 100% that has been consistently demonstrated by hospital based acute stroke teams (England and Wales) since October 2013.
- With 29% of post-acute stroke services providing services for more than one commissioner, having consistent commissioned service specifications will be key for providers and such service specifications should require participation in SSNAP.

Joint Commissioning

• With the current political debates raging, the opportunity for driving improvements in post-acute stroke care through joint health and social care commissioning reform is very topical. Currently there is only joint health and social care commissioning for post-acute stroke services in 37% of areas.

Stroke leadership

 Currently close to one in four commissioning bodies do not have an allocated lead for stroke services and only 56% have a commissioning group for stroke (stroke programme board) or something similar. Stroke care requires significant investment by commissioners covering a vast range of different services and needs, from prevention to longer term care. It is important that these services are commissioned coherently without duplication or gaps that could result in poor patient outcomes. A commissioning lead for stroke will be essential to ensure high quality commissioning and services.

Variation in stroke service provision

 A portfolio of services is required to provide comprehensive post-acute stroke care. There is good evidence to demonstrate how this should be done including early supported discharge, longer term neurological rehabilitation, vocational rehabilitation, exercise programmes, vascular risk reduction advice and support, and longer term follow-up and intervention for patients whose functional ability deteriorates. There is widespread variation nationally in commissioning a portfolio of post-stroke services with too many areas failing to commission comprehensive care.

Specialist stroke care

 The majority (78%) of services commissioned for post-acute stroke care are stroke specific which is very reassuring. Such services are provided in a variety of locations but care home residents with stroke rehabilitation needs would seem to be disadvantaged with only one third of commissioned services providing treatment to people living in care homes. Post-acute stroke services are mainly provided by acute and community NHS trusts with about 20% currently being provided by the private and voluntary sector. This is likely to change with proposed adjustments in joint health and social care commissioning but these changes should not be at the cost of losing the stroke specialism associated with such services.

Post-acute inpatient services

 With increasing pressure on acute hospital bed capacity, it is no surprise that almost two thirds of commissioners commission post-acute inpatient beds, 54% of which are provided by Acute Trusts. It is reassuring that a majority (88%) of these beds are stroke specific but currently we have no information regarding whether these beds meet the standards of high quality stroke units. High quality domiciliary services should largely remove the need to provide bed based intermediate care for stroke patients. The ideal pathway is, in the majority of cases, inpatient care on a specialist stroke unit followed by specialist treatment and care at home.

Post-acute outpatient services

• Only 45% of participating organisations in England, Wales and Northern Ireland commission outpatient post-acute stroke services (mainly referring to out-patient therapy treatment) – almost half of which were provided by Acute Trusts.

Early Supported Discharge Teams (ESD)

ESD is commissioned by over 80% of participating organisations. There is randomised trial based evidence of the benefits of stroke specialist ESD which has informed this widespread service development. The trial that was performed comparing in-patient stroke unit care with a generic domiciliary team showed worse outcomes in patients managed at home. ESD should therefore be considered a specialist stroke service and consist of the same intensity and skill mix as available in hospital, without delay in delivery. There are 16 non-stroke specific ESD services currently being commissioned - they cannot be assumed to be equivalent.

Community Rehabilitation Teams (CRT)

Community rehabilitation teams (CRTs) are able to pick up from ESD teams working with
patients towards their long term rehabilitation goals and be available for management of
longer term complications e.g. post stroke spasticity. CRTs are currently commissioned by
83% of participating organisations and provided in 62% by non-acute Trusts/provider
organisations. The majority (84%) of CRTs will see patients in their own homes but only
49% of CRTs will reach into care homes.

Domiciliary only (services which treat patients within their own homes but are separate to ESD team and CRTs)

Three-quarters of domiciliary services commissioned in the audit are stroke specific and are provided in 63% by non-acute Trusts/provider organisations. It is surprising that eight of the 110 domiciliary services will not see patients in their own home, as the word domiciliary means to 'occur within someone's home' we can only assume this is a misinterpretation of the definition 'domiciliary'. It is also surprising that 36% do not see patients in care homes. This does raise the question of how care home residents with stroke rehabilitation goals access therapy. Although such goals may not always significantly change levels of functional independence they are likely to contribute significantly to improvements in quality of life (e.g. the ability to swallow a small amount of oral intake for 'taste and pleasure' in a patient otherwise dependent on long term enteral nutrition, fed via a gastrostomy tube) and will not ever be achieved without health professional intervention and support.

Vocational Rehabilitation

A return to work – to either paid pre-stroke employment, paid new employment or voluntary work - is a prime rehabilitation goal for many stroke patients, regardless of age. A successfully managed return to the workplace will improve self-esteem and reduce psychological morbidity after stroke. A return to paid work will also have significant financial benefits. With only 27% of CCGs commissioning vocational rehabilitation services this is a major lost opportunity nationally that needs to be addressed urgently. Such services – where they do exist – are rightly, in the main, stroke specific. Knowledge and experience of stroke related impairments and disability are pre-requisite for a successful return to work after stroke.

Psychological Support

 Unseen effects of stroke are a common source of disability and misery following stroke. Access to stroke specific psychological support is vital to diagnosing and managing such problems but 45% of participating organisations are not providing this. However, of the 122 (55%) participates that do offer psychological provision, nearly 90% of the 169 services identified in the audit provide this at a stroke specific level.

Assessments six months after stroke

Six month assessments are essential to identify those patients who need further treatment and to ensure that services provided are appropriate to the patients' needs. They are of particular importance for checking that secondary prevention is being provided optimally. They are mandated in England as part of the CCG Outcome Indicator Set (CCG OIS). The assessments do require resource and need to be commissioned. Currently they are being provided in equal amounts between Acute and Community based providers with 12% being undertaken by a third sector provider. Only 54% of commissioners in the audit are supporting 6 month assessments and this warrants urgent action.

Individual Discipline stroke service provision

Approximately three quarters of participating organisations commission each of
physiotherapy, occupational and speech and language therapy as individual profession
specific services outside of other rehabilitation or ESD teams. More than 80% of single
discipline therapy services appear to be specialist in terms of being stroke specific and
treat patients in a variety of locations. Only 42-44% will treat patients in a care home. It
may be more effective and efficient to have all care delivered by multidisciplinary teams
rather than profession specific individuals. Services can ensure that all problems are
addressed efficiently. Having multiple places that a patient can be referred can be
confusing to patients, carers and clinicians so however services are organised it is
important that referral systems are straightforward, preferably accessing all services
through a single point of contact.

Family and Carer Support Workers

• Family and carer support services are commissioned in two thirds of areas and in 57% of cases provided by a Third Sector provider (usually the Stroke Association). The role predominantly involves 'signposting' and information giving to help patients, their families and carers adjust to life after stroke. It may involve information around benefits or local peer support groups as well as helping address the frequent questions that are raised related to the uncertainty that accompanies living with the effects of stroke. Such services may reduce carer burden and add to psychological and emotional support available to stroke patients.

Section 1: Introduction and methodology

Introduction

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The Aims of the SSNAP post-acute organisational audit – Phase 1

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- To provide timely, transparent information to patients, the public and professionals about the quality of stroke care organisation in the post-acute setting locally and nationally.
- To provide commissioners with evidence of the quality of commissioned services.
- To identify where improvements to services are needed and made recommendations.

Based on the services identified in Phase 1 each of the services will be recruited to complete a more detailed organisational audit later in the year. This will be Phase 2.

Aims of Phase 2:

- To establish a baseline of current service organisation nationally to compare with processes of care (SSNAP clinical) and to monitor changes over time.
- To enable providers to benchmark the quality of the component elements of their service organisation nationally and regionally (e.g. ESD teams/community rehab teams).

Organisation of the Audit

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Note on the term 'commissioner'

A commissioner is defined as the organisation or body which funds, pays for or provides a

service which can be used by stroke survivors once they leave their acute care setting. In England, there are 211 clinical commissioning groups which undertake this role. In Northern Ireland there are 5 Local Commissioning Groups (LCGs) with a similar mandate. Due to the differences in structures of health services across countries, the term 'commissioner' is not used in Wales and the closest approximation to a CCG is a Local Health Board (LHB). LHBs provide stroke services rather than commission them. However, for simplicity and ease of reading the term commissioner or organisation will be used throughout this report unless specific regional comparisons are being made.

Availability of this report in the public domain

Individual commissioning organisation level reports will be made available to participants via the SSNAP webtool. After two weeks, information on all commissioner organisations will be available to healthcare organisations; this includes NHS England and the Care Quality Commission in England, NHS Wales (Welsh Government), the Department of Health, Social Services and Public Safety in Northern Ireland and Strategic Clinical Networks in England. Approximately two months following this it is planned to make all data public, including individual commissioner level reports on the SSNAP results portal (www.strokeaudit.org/results), in line with the transparency agenda and the procedures agreed with the funders.

How to read this report

This report presents national level data using percentages, denominators and numerators.

Evidence

No references have been quoted in this report for reasons of space. All relevant evidence and standards are available in the following:

- Stroke commissioning guide https://www.rcplondon.ac.uk/sites/default/files/documents/stroke_commissioning_guide_web.pdf within the National clinical guideline for stroke 4th edition (Royal College of Physicians, 2012) http://www.rcplondon.ac.uk/sites/default/files/documents/stroke_commissioning_guide_web.pdf within the National clinical guideline for stroke 4th edition (Royal College of Physicians, 2012) http://www.rcplondon.ac.uk/resources/stroke-guidelines
- CCG Outcome Indicator Set (CCG OIS) <u>http://www.england.nhs.uk/ccg-ois/</u>.

Presentation of results

Section 2 describes the characteristics of commissioners and the commissioning processes for post-acute stroke services.

Section 3 describes the findings for each service function identified in the audit in the following order post-acute inpatient services, community teams, single disciplines, vocational services, 6 month assessment services etc.

Section 4 describes national and regional comparisons.

Section 5 provides benchmarked results for each named organisation.

Methodology

Eligibility, recruitment and participation

All 211 Clinical Commissioning Groups (CCGs) in England, seven Local Health Boards (LHBs) in Wales and five Local Commissioning Groups (LCGs) in Northern Ireland were eligible to participate. Each of these 223 commissioning organisations was contacted about the audit, and asked to register their participation and identify audit leads that would be responsible for completing the audit questionnaire.

Data collection tool

Data collection was carried out using a simple web-based questionnaire via a password protected secure website between 10 November 2014 and 2 January 2015. Security and confidentiality were maintained throughout. Participants were provided with a standardised help booklet containing data definitions and context specific online help was available on the webtool. A telephone and email helpdesk was provided by the SSNAP team to answer queries. High data quality was ensured through the use of built in validations to prevented illogical data being entered. Once data entry was completed, organisations were advised to export and check their responses. No changes were permitted after 2 January 2015.

Data validation

The data were collated by analysts at the stroke programme and commissioner specific validation reports were created and returned to all participants for further checking and final sign off between 26 - 30 January 2015.

Section 2: Characteristics of the organisations commissioning stroke care

2.1 Participation

There were 223 organisations identified as being eligible to participate in the post-acute stroke service commissioning audit, with 222 (99.6%) submitting data.

Participating commissioners	Number of eligible	Total number of
	commissioners	participants
Clinical Commissioning Groups (CCGs), England	211	211 (100%)
Welsh Local Health Boards (LHBs), Wales	7	6 (86%)
Local Commissioning Groups (LCGs), Northern Ireland	5	5 (100%)
Total	223	222 (99.6%)

Betsi Cadwaladr University Health Board was the only LHB in Wales which did not participate in the audit.

Commissioners submitted information about which post-acute stroke services they commissioned for stroke patients after discharge from the acute care setting as on **1 December 2014**.

The all but complete participation from CCGs, Local Health Boards and LCGs reflects the 100% participation from clinical providers in the hospital based SSNAP acute organisational audit and is to be congratulated. This partnership and commitment between commissioners and providers towards auditing stroke care provides a firm foundation for service improvement challenges ahead.

2.2 Location

Figure 1 below gives the location of CCGs in England, LHBs in Wales and LCGs in Northern Ireland.

This map provides a reference for the geographical boundaries used in this report. A list containing named commissioner details within each country and Strategic Clinical Network (SCN) can be found in appendix 3 of this report.

Fig 1 Participating organisations showing regional boundaries within each country



2.3 Characteristics

Commissioners provided details about their organisation including clinical leadership, requirements for participation in the continuous clinical audit element of SSNAP, governance of stroke, and joint commissioning with other health organisations and social care.

Commissioner characteristics (Q2.1- Q2.4)		n (%) N = 222
Clinical leadership		N - 222
Clinical lead for stroke in the organisation		172 (77%)
Requirement of providers to participate in SSNAP clinical audit		
Require participation of their <i>acute providers</i> in SSNAP		186 (84%)
Require participation of their <i>post-acute providers</i> in SSNAP		162 (73%)
Require participation of their post-acute providers in 350AP		102 (7376)
Governance Arrangements		
Commissioners who have a stroke commissioning group e.g. Progra	mme Board for	125 (56%)
Stroke		
Jointly commission with social care (Q2.5)		n (%)
		N = 222
Commissioners who jointly commission stroke services with social c	are	83 (37%)
Of these:		
commissioned 1 service with social care		47/83 (57%)
commissioned 2 services with social care		22/83 (27%)
commissioned 3 services with social care		9/83 (11%)
commissioned 4 services with social care		4/83 (5%)
commissioned 5 or more services with social care		1/83 (1%)
Other community based stroke services (Q2.7)	n (%)	
	N = 222	
CCG/LHB/LCG who have other community based stroke services	56 (25%)	
Of these:		amed 1 other service
		amed 2 other service
		med 3 other services
	1/56 (2%) na	med 4 other services

We would encourage all commissioners to require participation in SSNAP of all their commissioned providers of stroke care. At the same time, to use data from SSNAP most effectively there needs to be commissioner, as well as provider, participation in quality improvement programme boards. Currently close to one in four commissioning bodies do not have an allocated lead for stroke services and only 56% have a commissioning group for stroke (stroke programme board) or something similar. Stroke care requires significant investment by commissioners covering a vast range of different services and needs, from prevention to longer term care. It is important that these services are commissioned coherently without duplication or gaps that could result in poor patient outcomes. A commissioning lead for stroke is likely to be essential to ensure high quality commissioning and services.

With the current political debates raging, the opportunity for driving improvements in postacute stroke care through joint health and social care commissioning reform is very topical. Currently there is only joint health and social care commissioning in 37% of areas.

2. 4 Formal joint commissioning

Commissioners reported whether they had formal joint commissioning arrangements as part of a consortium and if so, the number of other organisations they jointly commission with.

Commissioning as part of a consortium (Q2.6)	n (%)
	N = 222
Organisations which commission as part of a consortium of	87 (39%)
CCGs/LHBs/LCGs	
Of these:	31/87 (36%) with one other commissioner
	27/87 (31%) with two other commissioners
	16/87 (18%) with three other commissioners
	3/87 (3%) with four other commissioners
	10/87 (12%) with five or more other commissioners

2. 5 Summary of the number of organisations which commission services for stroke patients after the acute phase

The table below shows the number of organisations commissioning (providing) at least one of each service function.

	CCGs/LHBs/LCGs	
Service function	n (%) of CCGs/LHBs/LCGs	
	commissioning the service	
	N = 222	
Post-acute inpatient care	141 (64%)	
Outpatient care	99 (45%)	
Early Support Discharge (ESD) team	180 (81%)	
Community Rehabilitation Team (CRT)	185 (83%)	
Domiciliary team (not ESD or CRT)	83 (37%)	
6 month assessment provider	120 (54%)	
Vocational rehabilitation	59 (27%)	
Psychological support	122 (55%)	
Physiotherapy team	168 (76%)	
Occupational therapy	163 (73%)	
Speech and language therapy	173 (78%)	
Family and carer support	147 (66%)	

A further three services were not commissioned by the CCG, LHB or LCG which identified them but were known to be available to stroke patients within their population.

2.6 Services commissioned by one or more organisations

Of the 716 post-acute stroke services identified in the audit nearly three quarters appeared to be being commissioned by one organisation, with the remaining being commissioned by more than one.

Joint services commissioning with n of organisations	n(%)	
Commissioned by:	N = 716	
1 CCGs/LHBs/LCGs alone	511 (71%)	
2 CCGs/LHBs/LCGs jointly	124 (17%)	
3 CCGs/LHBs/LCGs jointly	48 (7%)	
4 CCGs/LHBs/LCGs jointly	4 (1%)	
5 or more CCGs/LHBs/LCGs jointly	29 (4%)	

Based on the service commissioning information it would appear that 205 of the services identified are commissioned to provide a service by more than 1 commissioner and within the 205 there are 76 unique services. This therefore means that 587 unique post-acute stroke services have been identified in this audit. Commissioners (providers) refer to services using different terminology; consequently this is the number of services SSNAP was able to identify as being unique.



2.7 Proportion of services identified which participate in SSNAP clinical audit

There were 186 services identified in this organisational audit that were already registered on SSNAP for collection of clinical data. Of these 186 services, 61% (114) have actively participated in the SSNAP clinical audit within the last 6 months (by submitting one or more record), and 39% (72) have submitted sufficient data to be included in the latest round of clinical audit quarterly reporting (October – December 2014).

Of the remaining services identified in this audit, 320 would be eligible to participate in the SSNAP clinical audit but are not yet registered to do so. By following up these services and

encouraging them to participate, a more complete picture of post-acute care can be obtained.

Participation of post-acute services in SSNAP clinical audit has been slowly improving but is still a long way short of the nearly 100% that has been consistently demonstrated by hospital based acute stroke teams (England and Wales) since October 2013. With 29% of post-acute stroke services providing services for more than one commissioner, having consistent commissioned service specifications will be key for provider teams and such service specifications should require participation in SSNAP.

2.8. Post-acute services

The participants were asked to confirm what functions were provided by the services they identified. Service functions included those currently measured in the SSNAP clinical audit:

- Post-acute inpatient care
- Early Supported Discharge (ESD)
- Community Rehabilitation Teams (CRT)
- Domiciliary only (not ESD or CRT) and
- Teams who provide assessments of patients 6 months after their stroke

However, data were also collected on services providing functions which are not measured in the SSNAP clinical audit but which still provide services for post-acute stroke patients. These include vocational therapy, outpatient care, psychological support (single discipline), physiotherapy (single discipline), occupational therapy (single discipline), speech and language therapy (single discipline) and family and carer support services.

Some services provide more than one function. The breakdown of functions commissioned within the 716 identified services can be found below.

Service function	Number	Stroke specific services	Generic services
		n (%)	n (%)
Post-acute inpatient care	194	170 (88%)	24 (12%)
Outpatient care	154	123 (80%)	31 (20%)
Early Support Discharge (ESD) team	207	191 (92%)	16 (8%)
Community Rehabilitation Team (CRT)	255	202 (79%)	53 (21%)
Domiciliary team (not ESD or CRT)	110	83 (75%)	27 (25%)
6 month assessment provider	139	129 (93%)	10 (7%)
Vocational rehabilitation	70	63 (90%)	7 (10%)
Psychological support	169	150 (89%)	19 (11%)
Physiotherapy team	276	224 (81%)	52 (19%)
Occupational therapy	254	212 (83%)	42 (17%)
Speech and language therapy	270	222 (82%)	48 (18%)
Family and carer support	220	187 (85%)	33 (15%)

A portfolio of services is required to provide comprehensive post-acute stroke care. There is good evidence to demonstrate how this should be done including early supported discharge, longer term neurological rehabilitation, vocational rehabilitation, exercise programmes, vascular risk reduction advice and support, and longer term follow-up and intervention for patients whose functional ability deteriorates. There is widespread variation nationally in commissioning a portfolio of post-stroke services with too many areas failing to commission comprehensive care.

2.9 Summary of the 716 post-acute stroke services in England, Wales and Northern Ireland

	n (%) of all services identified in the audit	
Stroke specific/Generic	N = 716	
Stroke specific	561 (78%)	
Non-stroke specific	155 (22%)	
Location of service*	n (%) of all services identified in the audit	
Community hospital	234 (33%)	
Patients home	477 (67%)	
Care home	235 (33%)	
'Other' inpatient	133 (19%)	
'Other' outpatient	251 (35%)	

* More than one service location could be selected per post-acute team

	n (%) of all services identified in the audit	
Commissioned from	N = 716	
Acute trust	278 (39%)	
Community trust	262 (37%)	
Third Sector Provider	143 (20%)	
Private Sector Provider	5 (1%)	
Local Authority	1 (<1%)	
Health Board	16 (2%)	
CCG and Local Authority	1 (<1%)	
Acute and Community trust	6 (1%)	
Third Sector Provider and Council	1 (<1%)	
Health Board and Social Services	3 (<1%)	

The majority (78%) of services commissioned for post-acute stroke care are stroke specific which is very reassuring. Such services are provided in a variety of locations but care home residents with stroke rehabilitation needs would seem to be disadvantaged with only one third of commissioned services providing treatment to people in care homes. Post-acute stroke services are mainly provided by acute and community NHS trusts with about 20% currently being provided by the private and voluntary sector. This is likely to change with proposed adjustments in joint health and social care commissioning but these changes should not be at the cost of losing the stroke specialism associated with such services.

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2.2.5 Distribution of service functions

Figure 2 shows the distribution of the service functions commissioned per CCG/LHB/LCG. The number of services (1-12) has been assigned based on whether they commission at least one of each of the 12 service functions. This information can also be viewed as a map (Figure 3) with the banding colour assigned per commissioner.

Fig 3 Total number of types of stroke services commissioned by each CCG, LHB and LCG for patients following the acute phase



Section 3: Services available for stroke patients after the acute phase

Individual service function results

Maps available throughout this section show the location of services across CCGs, LHBs and LCGs which provide at least one of the specific service functions described.

3.1 Post-acute inpatient care services

This is defined as bed-based services for patients who continue to need inpatient (hospital) care and consultant access but this no longer needs to be at an acute level (they are no longer based on a HASU or SU and require rehabilitation support only). These services are often provided within places such as community hospitals and nursing homes. If within a care home, the care being received should be separate to those residing in the care home.

Service details

Post-acute inpatient care service	Total number of inpatient post- acute services commissioned
Total	194
Stroke specific	170 (88%)
Non-stroke specific	24 (12%)

Of the 222 participating organisations 141 (64%) identified at least one inpatient post-acute service.

Provider characteristics

N = 194 116 (60%)
116 (60%)
110 (0070)
88 (45%)
56 (29%)
80 (41%)
57 (29%)

* More than one service location could be selected per post-acute team

Commissioned from	n (%)
	N = 194
Acute trust	105 (54%)
Community Trust	75 (39%)
Third sector provider	7 (4%)
Private sector provider	2 (1%)
Local Authority	1 (1%)
Health Board	2 (1%)
CCG and Local Authority	0 (0%)
Acute and community trust	2 (1%)
Third Sector Provider and Council	0 (0%)
Health Board and Social Services	0 (0%)

With increasing pressure on acute hospital bed capacity, it is no surprise that almost two thirds of commissioners commission post-acute inpatient beds, 54% of which are provided by Acute Trusts. It is reassuring that a majority (88%) of these beds are stroke specific but currently we have no information regarding whether these beds meet the standards of high quality stroke units. High quality domiciliary services should largely remove the need to provide bed based intermediate care for stroke patients. The ideal pathway is, in the majority of cases, inpatient care on a specialist stroke unit followed by specialist treatment and care at home.

Fig 4 Inpatient services commissioned by CCG, LHB and LCGs for stroke patients after acute phase



3.2 Outpatient services

This is defined as any health care service provided to a patient who is not admitted to a bedbased facility. Outpatient care may be provided in a doctor's office, clinic or hospital outpatient department and appointments are normally necessary.

Service details Outpatient care services Total number of outpatient services commissioned Total 154

TOLAI	154	
Stroke specific	123 (80%)	
Non-stroke specific	31 (20%)	

Of the 222 participating organisations 99 (45%) identified at least one outpatient service.

Provider characteristics

n (%) N = 154
84 (55%)
56 (36%)
38 (25%)
96 (62%)

* More than one service location could be selected per post-acute team

Commissioned from	n (%)
	N = 154
Acute trust	75 (49%)
Community Trust	64 (42%)
Third sector provider	4 (3%)
Private sector provider	0 (0%)
Local Authority	0 (0%)
Health Board	8 (5%)
CCG and Local Authority	0 (0%)
Acute and community trust	3 (2%)
Third Sector Provider and Council	0 (0%)
Health Board and Social Services	0 (0%)

Only 45% of participating organisations in England, Wales and Northern Ireland commission outpatient post-acute stroke services (mainly referring to out-patient therapy treatment) – almost half of which were provided by Acute Trusts.

Fig 5 Outpatient services commissioned by CCG, LHB and LCGs for stroke patients after the acute phase







3.3 Early Supported Discharge (ESD) teams

This is defined as general or stroke specific services who provide multi-disciplinary rehabilitation to stroke patients at home at the same intensity as inpatient care.

Service details	
Early Supported Discharge (ESD)	Total number of services commissioned
Total	207
Stroke specific	191 (92%)
Non-stroke specific	16 (8%)

Of the 222 participating organisations 180 (81%) identified at least one ESD service.

Provider	characteristics
----------	-----------------

n (%)
N = 207
69 (33%)
191 (92%)
108 (52%)
45 (22%)
58 (28%)
-

* More than one service location could be selected per post-acute team

Commissioned from	n (%)
	N = 207
Acute trust	103 (50%)
Community Trust	95 (46%)
Third sector provider	2 (1%)
Private sector provider	2 (1%)
Local Authority	0 (0%)
Health Board	0 (0%)
CCG and Local Authority	0 (0%)
Acute and community trust	5 (2%)
Third Sector Provider and Council	0 (0%)
Health Board and Social Services	0 (0%)

ESD is commissioned by over 80% of participating organisations. There is randomised trial based evidence of the benefits of stroke specialist ESD which has informed this widespread service development. The trial that was performed comparing in-patient stroke unit care with a generic domiciliary team showed worse outcomes in patients managed at home. ESD should therefore be considered a specialist stroke service and consist of the same intensity and skill mix as available in hospital, without delay in delivery. There are 16 non-stroke specific ESD services currently being commissioned – they cannot be assumed to be equivalent.

Fig 6 Early Supported Discharge teams commissioned by CCG, LHB and LCG for stroke patients after acute phase







3.4 Community Rehabilitation Teams (CRT)

This is defined as general or stroke specific services which caters for patients who are able to return home following inpatient rehabilitation.

Service details	
Community Rehabilitation Team	Total number of services commissioned
Total	255
Stroke specific	202 (79%)
Non-stroke specific	53 (21%)

Of the 222 participating organisations 185 (83%) identified at least one CRT service.

Provider characteristics

n (%)	
N = 255	
109 (43%)	
213 (84%)	
126 (49%)	
47 (18%)	
92 (36%)	

* More than one service location could be selected per post-acute team

Commissioned from	n (%)
	N = 255
Acute trust	96 (38%)
Community Trust	132 (52%)
Third sector provider	14 (5%)
Private sector provider	2 (1%)
Local Authority	0 (0%)
Health Board	5 (2%)
CCG and Local Authority	0 (0%)
Acute and community trust	6 (2%)
Third Sector Provider and Council	0 (0%)
Health Board and Social Services	0 (0%)

Community rehabilitation teams (CRTs) are able to pick up from ESD teams working with patients towards their long term rehabilitation goals and be available for management of longer term complications e.g. post stroke spasticity. CRTs are currently commissioned by 83% of participating organisations and provided in 62% by non-acute Trusts/provider organisations. The majority (84%) of CRTs will see patients in their own homes but only 49% of CRTs will in reach into care homes.

Fig 7 Community rehabilitation teams commissioned by CCG, LHB and LCGs for stroke patients after acute phase







3.5 Domiciliary only (not ESD or CRT)

This is defined as services which provide post-acute rehabilitation at the patients' home and is not an ESD or CRT team.

Service details	
Domiciliary teams	Total number of services commissioned
Total	110
Stroke specific	83 (75%)
Non-stroke specific	27 (25%)

Of the 222 participating organisations 83 (37%) identified at least one domiciliary only service.

Provider characteristics

Location of service*	n (%)
	N = 110
Community hospital	43 (39%)
Patients/Carers home	102 (93%)
Care home	70 (64%)
'Other' inpatient setting	18 (16%)
'Other' outpatient setting	46 (42%)
* More than one service location could be selected	d per post-acute team
Commissioned from	n (%)
	N = 110
Acute trust	41 (37%)
Community Trust	55 (50%)
Third sector provider	5 (5%)
Private sector provider	1 (1%)
Local Authority	1 (1%)
Health Board	1 (1%)
CCG and Local Authority	0 (0%)
Acute and community trust	3 (3%)
	0 (0%)
Third Sector Provider and Council	0 (0/0)

Three-quarters of domiciliary only services commissioned in the audit are stroke specific and are provided in 63% by non-acute Trusts/provider organisations. It is surprising that eight of the 110 domiciliary only services will not see patients in their own home, as the word domiciliary means to 'occur within someone's home' we can only assume this is a mistake in the data. It is also surprising that 36% do not see patients in care home. This does raise the question of how care home residents with stroke rehabilitation goals access therapy. Although such goals may not always significantly change levels of functional independence, they are likely to contribute significantly to improvements in quality of life (e.g. the ability to swallow a small amount of oral intake for 'taste and pleasure' in a patient otherwise dependent on long term enteral nutrition, fed via a gastrostomy tube) and will never be achieved without health professional intervention and support.

Fig 8 Domiciliary teams (not ESD/CRT) commissioned by CCG, LHB and LCGs for stroke patients after the acute phase







3.6 Vocational rehabilitation services

This is defined as a service which supports someone with a health problem to stay at, return to and remain in work.

Service details

Vocational rehabilitation services	Total number of services commissioned
Total	70
Stroke specific	63 (90%)
Non-stroke specific	7 (10%)

Of the 222 participating organisations 59 (27%) identified at least one vocational rehabilitation service.

Provider characteristics

Location of service*	n (%)	
	N = 70	
Community hospital	35 (50%)	
Patients/Carers home	60 (86%)	
Care home	43 (61%)	
'Other' inpatient setting	18 (26%)	
'Other' outpatient setting	34 (49%)	

* More than one service location could be selected per post-acute team

Commissioned from	n (%)
	N = 70
Acute trust	33 (47%)
Community Trust	26 (37%)
Third sector provider	9 (13%)
Private sector provider	1 (1%)
Local Authority	0 (0%)
Health Board	0 (0%)
CCG and Local Authority	0 (0%)
Acute and community trust	1 (1%)
Third Sector Provider and Council	0 (0%)
Health Board and Social Services	0 (0%)

A return to work – to either paid pre-stroke employment, paid new employment or voluntary work - is a prime rehabilitation goal for many stroke patients, regardless of age. A successfully managed return to the workplace will improve self-esteem and reduce psychological morbidity after stroke. A return to paid work will also have significant financial benefits. With only 27% of CCGs, LHBs and LCGs commissioning vocational rehabilitation services this is a major lost opportunity nationally that needs to be addressed urgently. Such services – where they do exist – are rightly, in the main, stroke specific. Knowledge and experience of stroke related impairments and disability are pre-requisite for a successful return to work after stroke.

Fig 9 Vocational rehabilitation services commissioned by CCG, LHB and LCGs for stroke patients after the acute phase



* Vocational rehabilitation services only available in Northern locality of Northern, Eastern and Western Devon CCG

3.7 Psychological support providers

This is defined as a post-acute provider which offers psychologist support to patients once they have left acute care. This can include treatment for depression and/or cognitive impairment and is not part of an ESD, CRT or any other service function.

Service details

Psychological support services	Total number of services commissioned
Total	169
Stroke specific	150 (89%)
Non-stroke specific	19 (11%)

Of the 222 participating organisations 122 (55%) identified at least one psychological support service.

Provider characteristics

Location of service*	n (%)	
	N = 169	
Community hospital	62 (37%)	
Patients/Carers home	120 (71%)	
Care home	78 (46%)	
'Other' inpatient setting	39 (23%)	
'Other' outpatient setting	79 (47%)	

* More than one service location could be selected per post-acute team

Commissioned from	n (%)
	N = 169
Acute trust	73 (43%)
Community Trust	73 (43%)
Third sector provider	19 (11%)
Private sector provider	1 (1%)
CCG and Local Authority	0 (0%)
Both acute and community trust	1 (1%)
Local Authority	0 (0%)
Third Sector Provider and Community Hospital	0 (0%)
Health Board	2 (1%)
Health Board and Social Services	0 (0%)

Unseen effects of stroke are a common source of disability and misery following stroke. Access to stroke specific psychological support is vital to diagnosing and managing such problems but 45% of participating organisations are not providing this. However, of the 122 (55%) participates that do offer psychological provision, nearly 90% of the 169 services identified in the audit provide this at a stroke specific level.
Figure 10. Psychological Support services commissioned by CCG, LHB and LCGs for stroke patients after the acute phase



* Psychological support only available in Northern and Western localities of Northern, Eastern and Western Devon CCG.

3.8 Six month assessment providers

This is defined as providers who carry out a 6 month outcome assessment of patients only and are not part of a ESD, CRT or any other service function.

Six month follow up assessments are an essential part of the stroke patient pathway, ensuring that the patients' needs have been met, their progress reviewed and future goals set if further support is needed. Commissioners in England are encouraged to ensure that 6 month assessment reviews are made available within their area and that these are recorded on the SSNAP clinical audit tool as part of the CCG Outcomes Indicator Set (CCGOIS).

Service details

Six month assessment providers	Total number of services commissioned
Total	139
Stroke specific	129 (93%)
Non-stroke specific	10 (7%)

Of the 222 participating organisations 120 (54%) identified at least one six month assessment provider service.

Provider characteristics

Location of service*	n (%) N = 139
Community hospital	47 (34%)
Patients/Carers home	115 (83%)
Care home	71 (51%)
'Other' inpatient setting	33 (24%)
'Other' outpatient setting	63 (45%)

* More than one service location could be selected per post-acute team

Commissioned from	n (%)
	N = 139
Acute trust	56 (40%)
Community Trust	58 (42%)
Third sector provider	17 (12%)
Private sector provider	1 (1%)
Local Authority	0 (0%)
Health Board	1 (1%)
CCG and Local Authority	0 (0%)
Acute and community trust	6 (4%)
Third Sector Provider and Council	0 (0%)
Health Board and Social Services	0 (0%)

Six month assessments are essential to identify those patients who need further treatment and to ensure that services provided are appropriate to the patients' needs. They are of particular importance for checking that secondary prevention is being provided optimally. They are mandated in England as part of the CCG Outcome Indicator Set (CCGOIS). The assessments do require resource and need to be commissioned. Currently they are being provided in equal amounts between Acute and Community based providers with 12% being undertaken by a third sector provider. Only 54% of commissioners in the audit are supporting 6 month assessments and this warrants urgent action.

Fig 11 Six month assessment providers commissioned by CCG, LHB and LCGs for stroke patients after the acute phase







3.9 Physiotherapy services

A service which offers physiotherapy services only and is not part of an ESD, CRT or any other service function.

Service details	
Physiotherapy services	Total number of services commissioned
Total	276

Total	276
Stroke specific	224 (81%)
Non-stroke specific	52 (19%)

Of the 222 participating organisations 168 (76%) identified at least one physiotherapy service.

Provider characteristics

Location of service*	n (%)
	N = 276
Community hospital	109 (39%)
Patients/Carers home	186 (67%)
Care home	116 (42%)
'Other' inpatient setting	61 (22%)
'Other' outpatient setting	108 (39%)

* More than one service location could be selected per post-acute team

Commissioned from	n (%)	
	N = 276	
Acute trust	127 (46%)	
Community Trust	124 (45%)	
Third sector provider	7 (3%)	
Private sector provider	4 (1%)	
Local Authority	0 (0%)	
Health Board	8 (3%)	
CCG and Local Authority	0 (%)	
Acute and community trust	6 (2%)	
Third Sector Provider and Council	0 (0%)	
Health Board and Social Services	0 (0%)	

Fig 12 Physiotherapy services commissioned by CCG, LHB and LCGs for stroke patients after the acute phase







3.10 Occupational therapy services

This is defined as a service which offers occupational therapy services only and is not part of an ESD, CRT or any other service function.

Service details	
Occupational therapy services	Total number of services commissioned
Total	254
Stroke specific	212 (83%)
Non-stroke specific	42 (17%)

Of the 222 participating organisations 163 (73%) identified at least one occupational therapy service.

Provider characteristics

Location of service*	n (%)
	N = 254
Community hospital	100 (39%)
Patients/Carers home	177 (70%)
Care home	107 (42%)
'Other' inpatient setting	59 (23%)
'Other' outpatient setting	90 (35%)

* More than one service location could be selected per post-acute team

Commissioned from	n (%)
	N = 254
Acute trust	116 (46%)
Community Trust	116 (46%)
Third sector provider	5 (2%)
Private sector provider	4 (2%)
Local Authority	0 (0%)
Health Board	7 (3%)
CCG and Local Authority	0 (0%)
Both acute and community trust	6 (2%)
Third Sector Provider and Council	0 (0%)
Health Board and Social Services	0 (0%)

Fig 13 Occupational therapy services commissioned by CCG, LHB and LCGs for stroke patients after the acute phase







3.11 Speech and language therapy teams

This is defined as a service which offers speech and language therapy services only and is not part of an ESD, CRT or any other service function.

Service details

Speech and Language therapy services	Total number of services commissioned
Total	270
Stroke specific	222 (82%)
Non-stroke specific	48 (18%)

Of the 222 participating organisations 173 (78%) identified at least one speech and language therapy service.

Provider characteristics

Location of service*	n (%)
	N = 270
Community hospital	112 (41%)
Patients/Carers home	193 (71%)
Care home	119 (44%)
'Other' inpatient setting	56 (21%)
'Other' outpatient setting	102 (38%)

* More than one service location could be selected per post-acute team

Commissioned from	n (%)
	N = 270
Acute trust	124 (46%)
Community Trust	111 (41%)
Third sector provider	17 (6%)
Private sector provider	4 (1%)
Local Authority	0 (0%)
Health Board	8 (3%)
CCG and Local Authority	0 (0%)
Third Sector Provider and Council	0 (0%)
Acute and community trust	6 (2%)
Health Board and Social Services	0 (0%)

Approximately three quarters of participating organisations commission each of physiotherapy, occupational and speech and language therapy as individual profession specific services outside of other rehabilitation or ESD teams. More than 80% of single discipline therapy teams appear to be specialist in terms of being stroke specific and treat patients in a variety of locations. Only 42-44% will treat patients in a care home. It may be more effective and efficient to have all care delivered by multidisciplinary teams rather than profession specific individuals. Teams can ensure that all problems are addressed efficiently. Having multiple places that a patient can be referred can be confusing to patients, carers and clinicians so however services are organised it is important that referral systems are straightforward, preferably accessing all services through a single point of contact.

Fig 14 Speech and Language Therapy services commissioned by CCG, LHB and LCGs for stroke patients after the acute phase







3.12 Family and carer support services (e.g. Stroke Association)

This is defined as a service which is commissioned to provide on-going support to stroke survivors and their families and carers.

Service details	
Family and carer support services	Total number of services commissioned
Total	220
Stroke specific	187 (85%)
Non-stroke specific	33 (15%)

Of the 222 participating organisations 147 (66%) identified at least one family and carer support service.

Provider characteristics

Location of service*	n (%)
	N = 220
Community hospital	53 (24%)
Patients/Carers home	173 (79%)
Care home	77 (35%)
'Other' inpatient setting	48 (22%)
'Other' outpatient setting	98 (45%)

* More than one service location could be selected per post-acute team

Commissioned from	n (%)
	N = 220
Acute trust	39 (18%)
Community Trust	47 (21%)
Third sector provider	126 (57%)
Private sector provider	0 (0%)
Local Authority	0 (0%)
Health Board	0 (0%)
CCG and Local Authority	1 (<1%)
Acute and community trust	6 (3%)
Third sector provider and Local Authority	1 (<1%)

Family and carer support services are commissioned in two thirds of areas and in 57% of cases provided by a Third Sector provider (usually the Stroke Association). The role predominantly involves 'signposting' and information giving to help patients, their families and carers adjust to life after stroke. It may involve information around benefits or local peer support groups as well as helping address the frequent questions that are raised related to the uncertainty that accompanies living with the effects of stroke. Such services may reduce carer burden and add to psychological and emotional support available to stroke patients.

Fig 15 Family and carer support services commissioned by CCG, LHB and LCGs for stroke patients after the acute phase







4. Country and regional comparisons

This section gives national figures for post-acute services commissioned in England, Wales and Northern Ireland at **1 December 2014**. Data for England are also broken down by SCN region to enable regional comparison.

4.1 Total number of services commissioned

Table 4.1 shows the total number of each service function commissioned within each country and further broken down by SCN region within England in table 4.2. The number and percentage which are stroke specific is also given.

								nmunity				
					Early	Early Supported		Rehabilitation				
Country	Inpa	tient Care	Out	patients	D	Discharge		Teams		Domiciliary only		assessment
		Stroke		Stroke		Stroke		Stroke		Stroke		Stroke
N of CCG/LHB/LCGs	Total	Specific	Total	Specific	Total	Specific	Total	Specific	Total	Specific	Total	Specific
England (211)	177	153 (86%)	134	103 (77%)	198	182 (92%)	237	191 (81%)	103	79 (77%)	127	117 (92%)
Wales (6)	12	12 (100%)	18	18 (100%)	4	4 (100%)	10	3 (30%)	4	1 (25%)	4	4 (100%)
Northern Ireland (5)	5	5 (100%)	2	2 (100%)	5	5 (100%)	8	8 (100%)	3	3 (100%)	8	8 (100%)
	Vo	cational	Psyc	nological			Οςςι	upational	Speech	and Language		
Country	Reha	bilitation	Su	pport	Phys	siotherapy	Tł	nerapy	Т	herapy	Family &	Carer Support
		Stroke		Stroke		Stroke		Stroke		Stroke		Stroke
N of CCG/LHB/LCGs	Total	Specific	Total	Specific	Total	Specific	Total	Specific	Total	Specific	Total	Specific
England (211)	69	62 (90%)	161	142 (88%)	254	204 (80%)	235	195 (83%)	249	204 (82%)	204	172 (84%)
Wales (6)	0	0 (0%)	6	6 (100%)	13	11 (85%)	10	8 (80%)	12	9 (75%)	7	6 (86%)
Northern Ireland (5)	1	1 (100%)	2	2 (100%)	9	9 (100%)	9	9 (100%)	9	9 (100%)	9	9 (100%)

Table 4.1

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Table 4.2

					Early	Supported	C	ommunity	Domic	iliary Team	6 month		
Strategic Clinical Network	Inpat	ient care	Οι	utpatient	Dis	scharge	Rehat	pilitation Team		only	assessment Team		
		Stroke		Stroke		Stroke		Stroke Specific		Stroke		Stroke	
within England	Total	Specific	All	Specific	All	Specific	All		Total	Specific	Total	Specific	
England (211)	177	153 (86%)	134	103 (77%)	198	182 (92%)	237	191 (81%)	103	79 (77%)	127	117 (92%)	
Cheshire & Mersey SCN (12)	7	6 (86%)	4	4 (100%)	13	13 (100%)	9	9 (100%)	8	8 (100%)	9	8 (89%)	
East Midlands SCN (17)	11	11 (100%)	7	7 (100%)	18	18 (100%)	22	18 (82%)	6	5 (83%)	4	4 (100%)	
East of England SCN (19)	14	13 (93%)	14	13 (93%)	17	17 (100%)	20	16 (80%)	11	8 (73%)	14	14 (100%)	
Greater Manchester, Lancashire & South Cumbria SCN (20)	10	7 (70%)	15	8 (53%)	16	16 (100%)	21	16 (76%)	12	6 (50%)	14	14 (100%)	
London SCN (32)	27	27 (100%)	12	11 (92%)	30	28 (93%)	36	33 (92%)	12	11 (92%)	25	23 (92%)	
North of England SCN (14)*	12	7 (58%)	9	5 (56%)	10	4 (40%)	17	11 (65%)	5	3 (60%)	3	3 (100%)	
South East Coast SCN (20)	13	12 (92%)	6	6 (100%)	17	16 (94%)	25	22 (88%)	7	7 (100%)	8	8 (100%)	
South West SCN (11)	18	15 (83%)	16	12 (75%)	12	12 (100%)	12	8 (67%)	2	2 (100%)	6	6 (100%)	
Thames Valley SCN (11)	14	8 (57%)	2	2 (100%)	14	10 (71%)	13	7 (54%)	7	2 (29%)	11	7 (64%)	
Wessex SCN (9)	12	11 (92%)	5	4 (80%)	12	10 (83%)	9	5 (56%)	5	3 (60%)	3	1 (33%)	
West Midlands SCN (22)	21	21 (100%)	7	7 (100%)	18	17 (94%)	27	27 (100%)	5	5 (100%)	14	14 (100%)	
Yorkshire & The Humber SCN (24)	18	15 (83%)	37	24 (65%)	21	21 (100%)	26	19 (73%)	23	19 (83%)	16	15 (94%)	

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Table 4.2 cont.

County/Region		cational bilitation	-	nological Ipport	Physiotherapy			upational nerapy	Spee	ch & Language Therapy	Family & Carer Support	
within England	Total	Stroke Specific	Total	Stroke Specific	Total	Stroke Specific	Total	Stroke Specific	Total	Stroke Specific	Total	Stroke Specific
	Total	Specific	Total	Speeme	Total	opeenie	Total	opeenie	Total		Total	Specific
England (211)	69	62 (90%)	161	142 (88%)	254	204 (80%)	235	195 (83%)	249	204 (82%)	204	172 (84%)
Cheshire & Mersey SCN (12)	3	3 (100%)	13	9 (69%)	8	8 (100%)	8	8 (100%)	9	8 (89%)	21	10 (48%)
East Midlands SCN (17)	1	1 (100%)	8	6 (75%)	20	19 (95%)	18	17 (94%)	16	15 (94%)	11	11 (100%)
East of England SCN (19)	10	9 (90%)	16	15 (94%)	26	24 (92%)	22	20 (91%)	22	20 (91%)	12	12 (100%)
Greater Manchester, Lancashire & South Cumbria SCN (20)	3	3 (100%)	15	15 (100%)	24	16 (67%)	21	15 (71%)	21	17 (81%)	19	16 (84%)
London SCN (32)	11	9 (82%)	26	24 (92%)	35	30 (86%)	33	29 (88%)	37	32 (86%)	25	24 (96%)
North of England SCN (14)*	4	2 (50%)	4	4 (100%)	17	7 (41%)	16	7 (44%)	15	8 (53%)	19	8 (42%)
South East Coast SCN (20)	3	3 (100%)	9	9 (100%)	19	18 (95%)	18	17 (94%)	19	18 (95%)	15	15 (100%)
South West SCN (11)	3	3 (100%)	13	13 (100%)	16	15 (94%)	16	15 (94%)	18	16 (89%)	15	14 (93%)
Thames Valley SCN (11)	2	2 (100%)	11	7 (64%)	10	6 (60%)	6	6 (100%)	13	7 (54%)	14	14 (100%)
Wessex SCN (9)	6	4 (67%)	7	5 (71%)	10	7 (70%)	10	7 (70%)	14	11 (79%)	12	10 (83%)
West Midlands SCN (22)	13	13 (100%)	13	13 (100%)	26	25 (96%)	26	25 (96%)	24	23 (96%)	20	19 (95%)
Yorkshire & The Humber SCN (24)	10	10 (100%)	26	22 (85%)	43	29 (67%)	41	29 (71%)	41	29 (71%)	21	19 (91%)

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Table 4.3 shows the total number of commissioners and percentage of commissioners providing each service function within each country and further broken down by SCN region within England in table 4.4.

				Community		
			Early Supported	Rehabilitation	Domiciliary	6 month
County/Region	Inpatient	Outpatient	Discharge	Team	Team	Assessment Team
England (211)	134 (64%)	94 (45%)	173 (82%)	176 (83%)	81 (38%)	112 (53%)
Wales (6)	4 (67%)	4 (67%)	4 (67%)	4 (67%)	1 (17%)	3 (50%)
	2 (500/)	1 (2020)	2 (600()	F (1000()	4 (2004)	5 (1000())
Northern Ireland (5)	3 (60%)	1 (20%)	3 (60%)	5 (100%)	1 (20%)	5 (100%)
					Speech and	
				Occupational	Language	Family & Carer
County/Region	Vocational Rehabilitation	Psychology	Physiotherapy	Therapy	Therapy	Support
England (211)	58 (27%)	117 (55%)	161 (76%)	157 (74%)	166 (79%)	139 (66%)
Wales (6)	0 (0%)	4 (67%)	4 (67%)	3 (50%)	4 (67%)	5 (83%)
Northern Ireland (5)	1 (20%)	1 (20%)	3 (60%)	3 (60%)	3 (60%)	3 (60%)

Table 4.3

Sentinel Stroke National Audit Programme (SSNAP)

Post-acute Organisational Audit – Phase 1: Post-acute stroke service commissioning audit

Table 4.4

Regions Strategic Clinical Networks In England	Inpatient	Outpatient	Early Supported Discharge Team	Community Rehabilitation Team	Domiciliary Team	6 month Assessment
England (211)	134 (64%)	94 (45%)	173 (82%)	176 (83%)	81 (38%)	112 (53%)
Cheshire & Mersey SCN (12)	7 (58%)	4 (33%)	10 (83%)	9 (75%)	8 (67%)	9 (75%)
East Midlands SCN (17)	10 (59%)	4 (24%)	16 (94%)	13 (77%)	4 (24%)	4 (24%)
East of England SCN (19)	13 (68%)	12 (63%)	17 (90%)	13 (68%)	8 (42%)	12 (63%)
Greater Manchester, Lancashire & South Cumbria SCN (20)	8 (40%)	8 (40%)	15 (75%)	17 (85%)	6 (30%)	13 (65%)
London SCN (32)	22 (69%)	12 (38%)	26 (81%)	29 (91%)	11 (34%)	22 (69%)
North of England SCN (14)*	9 (64%)	8 (57%)	9 (64%)	13 (93%)	5 (36%)	3 (21%)
South East Coast SCN (20)	11 (55%)	6 (30%)	16 (80%)	19 (95%)	7 (35%)	7 (35%)
South West SCN (11)	9 (82%)	8 (73%)	8 (73%)	9 (82%)	2 (18%)	6 (55%)
Thames Valley SCN (11)	10 (91%)	1 (9%)	11 (100%)	9 (82%)	7 (64%)	8 (73%)
Wessex SCN (9)	7 (78%)	5 (56%)	9 (100%)	7 (78%)	4 (44%)	3 (33%)
West Midlands SCN (22)	14 (64%)	7 (32%)	17 (77%)	18 (82%)	5 (23%)	13 (59%)
Yorkshire & The Humber SCN (24)	14 (58%)	19 (79%)	19 (79%)	20 (83%)	14 (58%)	12 (50%)

Sentinel Stroke National Audit Programme (SSNAP) Post-acute Organisational Audit – Phase 1: Post-acute stroke service commissioning audit

Table 4.4 cont.

Regions Strategic Clinical Networks In England	Vocational Rehabilitation	Psychology	Physiotherapy	Occupational Therapy	Speech and Language Therapy	Family Carer Support
		1 3 7 611 61 6 8 7	i nysiotherapy	merupy	zanguage merupy	
England (211)	58 (27%)	117 (55%)	161 (76%)	157 (74%)	166 (79%)	139 (66%)
Cheshire & Mersey SCN (12)	3 (25%)	9 (75%)	8 (67%)	8 (67%)	9 (75%)	10 (83%)
East Midlands SCN (20)	1 (6%)	8 (47%)	11 (65%)	11 (65%)	11 (65%)	10 (59%)
East of England SCN (19)	7 (37%)	9 (47%)	14 (74%)	13 (68%)	14 (74%)	8 (42%)
Greater Manchester, Lancashire & South Cumbria SCN (20)	3 (15%)	11 (55%)	16 (80%)	16 (80%)	16 (80%)	15 (75%)
	5 (1570)	11 (5576)	10 (0070)	10 (0070)	10 (0070)	13 (7378)
London SCN (32)	7 (22%)	18 (56%)	23 (72%)	24 (75%)	24 (75%)	18 (56%)
North of England SCN (14)*	4 (29%)	4 (29%)	12 (86%)	12 (86%)	12 (86%)	12 (86%)
South East Coast SCN (20)	3 (15%)	8 (40%)	13 (65%)	13 (65%)	13 (65%)	11 (55%)
South West SCN (11)	3 (27%)	8 (73%)	9 (82%)	9 (82%)	10 (91%)	8 (73%)
Thames Valley SCN (11)	2 (18%)	10 (91%)	8 (73%)	4 (36%)	10 (91%)	10 (91%)
Wessex SCN (9)	6 (67%)	6 (67%)	8 (89%)	8 (89%)	8 (89%)	8 (89%)
West Midlands SCN (22)	11 (50%)	9 (41%)	19 (86%)	19 (86%)	17 (77%)	13 (59%)
Yorkshire & The Humber SCN (24)	8 (33%)	17 (71%)	20 (83%)	20 (83%)	22 (92%)	16 (68%)

* One CCG (Cumbria) which crosses two SCN boundaries has been placed with the North of England SCN due to the majority of its population being located within this region

Appendix 1: Post-acute Stroke Service Commissioning Audit- Summary Spreadsheet

SCN Region/Country	Service Function Information	Total number of service functions commissioned (at least one of each)	Inpatient	Outpatient	Early Supported Discharge (ESD)	Community Rehabilitation Team (CRT)	Domiciliary only (not ESD/CRT)	6 Month Assessment Provider	Vocational rehabilitation	Psychological support	Physiotherapy	Occupational Therapy	Speech and Language Therapy	Family and Carer Support Service
	Commissioner (Local Health Board) name													1
	Eastern Cheshire CCG	9	No	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Halton CCG Knowsley CCG	6 10	No	No Yes	Yes Yes	Yes Yes	No Yes	Yes Yes	Yes	No Yes	No Yes	No Yes	Yes Yes	Yes Yes
	Liverpool CCG	10	NO	No	Yes	No	No	No	NO	No	Yes	No	No	No
	South Cheshire CCG	10	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Charbins & Manney CCN	South Sefton CCG	12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cheshire & Mersey SCN	Southport and Formby CCG	11	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	St Helens CCG	5	Yes	No	Yes	No	No	Yes	No	Yes	No	No	No	Yes
	Vale Royal CCG	8	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
	Warrington CCG West Cheshire CCG	6	Yes	No No	Yes Yes	Yes	No Yes	No Yes	No	Yes	No Yes	No Yes	Yes Yes	Yes
	Wirral CCG	8	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No	Yes
	Corby CCG	8	Yes	No	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
	East Leicestershire and Rutland CCG	8	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	No
	Erewash CCG	10	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes
	Leicester City CCG	3	Yes	Yes	No	Yes	No	No	No	No	No	No	No	No
	Lincolnshire East CCG	5	No	No	Yes	Yes	Yes	No	No	No	Yes	Yes	No	No
	Lincolnshire West CCG Mansfield and Ashfield CCG	2 8	No Yes	No No	Yes	No Yes	No	No	No	No Yes	No Yes	No Yes	No Yes	Yes Yes
	Nene CCG	8	Yes	NO	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
East Midlands SCN	Newark and Sherwood CCG	8	Yes	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
	Nottingham City CCG	8	No	No	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Nottingham North and East CCG	4	Yes	No	Yes	Yes	No	No	No	No	No	No	No	Yes
	Nottingham West CCG	4	Yes	No	Yes	Yes	No	No	No	No	No	No	No	Yes
	Rushcliffe CCG South Lincolnshire CCG	3	No	No	Yes	Yes	No	No	No	No	No	No	No	Yes
	South Lincolnshire CCG South West Lincolnshire CCG	5	No No	No No	Yes Yes	No No	NO	No	No No	Yes Yes	Yes Yes	Yes Yes	Yes Yes	No No
	Southern Derbyshire CCG	6	Yes	Yes	Yes	Yes	No	No	No	Yes	No	No	Yes	No
	West Leicestershire CCG	8	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No
	Basildon and Brentwood CCG	10	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
	Bedfordshire CCG	7	Yes	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
	Cambridgeshire and Peterborough CCG	6	No	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes
	Castle Point and Rochford CCG East and North Hertfordshire CCG	10	No Yes	No Yes	Yes Yes	Yes Yes	Yes Yes	Yes Yes	No Yes	No Yes	Yes No	Yes No	Yes Yes	Yes Yes
	Great Yarmouth and Waveney CCG	9	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes
	Herts Valleys CCG	12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Ipswich and East Suffolk CCG	10	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Luton CCG	5	No	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	No
East of England SCN	Mid Essex CCG	2	Yes	No	Yes	No	No	No	No	No	No	No	No	No
	North East Essex CCG North Norfolk CCG	5	Yes	No No	Yes	Yes	No	Yes	No	No	Yes	No	No	No
	Norwich CCG	3	Yes	No	Yes	No	No	Yes	No	No	No	No	No	No
	South Norfolk CCG	3	Yes	No	Yes	No	No	Yes	No	No	No	No	No	No
	Southend CCG	11	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Thurrock CCG	10	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
	West Essex CCG	9	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No
	West Norfolk CCG West Suffolk CCG	8	Yes No	Yes	Yes Yes	Yes	No	No	No	No	Yes Yes	Yes Yes	Yes	Yes No
	Blackburn with Darwen CCG	4	NO	Yes	No	Yes Yes	Yes	Yes	Yes	Yes Yes	No	No	No	Yes
	Blackpool CCG	8	No	Yes	Yes	No	NO	Yes	No	Yes	Yes	Yes	Yes	Yes
	Bolton CCG	10	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Bury CCG	4	No	No	Yes	Yes	No	Yes	No	No	No	No	No	Yes
	Central Manchester CCG	8	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No
	Chorley and South Ribble CCG	8	Yes	Yes	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes
	East Lancashire CCG	9	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Greater Manchester, Lancashire & South	Fylde and Wyre CCG Greater Preston CCG	5	No Yes	No Yes	No No	Yes Yes	No Yes	No Yes	No	No	Yes Yes	Yes Yes	Yes Yes	Yes
Cumbria SCN	Heywood, Middleton and Rochdale CCG	9	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
	Lancashire North CCG	8	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
	North Manchester CCG	8	No	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	No
	Oldham CCG	9	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
	Salford CCG	6	No	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
	South Manchester CCG	1	No	No	Yes	No	No	No	No	No	No	No	No	No
	Stockport CCG	7	Yes Yes	No Yes	Yes Yes	Yes Yes	No No	No	No No	No Yes	Yes No	Yes No	Yes No	Yes Yes

SCN Region/Country	Service Function Information	Total number of service functions commissioned (at least one of each)	Inpatient	Outpatient	Early Supported Discharge (ESD)	Community Rehabilitation Team (CRT)	Domiciliary only (not ESD/CRT)	6 Month Assessment Provider	Vocational rehabilitation	Psychological support	Physiotherapy	Occupational Therapy	Speech and Language Therapy	Family and Carer Support Service
	Commissioner (Local Health Board) name					-					•		-	
Greater Manchester,	Trafford CCG	7	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	No
Lancashire & South Cumbria SCN	West Lancashire CCG	9	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cumbria Sciv	Wigan Borough CCG Barking and Dagenham CCG	10	Yes Yes	Yes Yes	Yes Yes	Yes Yes	No Yes	Yes Yes	No Yes	No No	Yes Yes	Yes Yes	Yes	Yes No
	Barnet CCG	10	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
	Bexley CCG	4	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No
	Brent CCG	5	No	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No
	Bromley CCG	2	No	No	Yes	No	No	Yes	No	No	No	No	No	No
	Camden CCG	10	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Central London (Westminster) CCG City and Hackney CCG	9 11	Yes	No No	Yes Yes	Yes	No Yes	Yes	No Yes	Yes Yes	Yes	Yes	Yes	Yes
	Croydon CCG	7	No	NO	Yes	Yes Yes	No	No	Yes	Yes	Yes	Yes	Yes	No
	Ealing CCG	8	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No
	Enfield CCG	10	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Greenwich CCG	10	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes
	Hammersmith and Fulham CCG	9	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
	Haringey CCG	4	Yes	No	No	Yes	No	Yes	No	No	No	No	No	Yes
	Harrow CCG	1	No	No No	No	No No	No	No	No No	No	No	No No	No	Yes
London SCN	Havering CCG Hillingdon CCG	4	Yes	NO Yes	Yes	Yes	NO	Yes	NO	Yes Yes	NO Yes	Yes	Yes	NO
	Hounslow CCG	8	Yes	Yes	No	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
	Islington CCG	7	Yes	No	No	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
	Kingston CCG	10	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
	Lambeth CCG	4	No	No	Yes	Yes	No	Yes	No	No	No	No	No	Yes
	Lewisham CCG	9	Yes	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Merton CCG Newham CCG	9	No	Yes No	Yes No	Yes Yes	Yes No	No No	Yes No	Yes No	Yes Yes	Yes Yes	Yes Yes	No
	Redbridge CCG	8	Yes	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes
	Richmond CCG	6	Yes	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No
	Southwark CCG	3	No	No	Yes	Yes	No	Yes	No	No	No	No	No	No
	Sutton CCG	7	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	No
	Tower Hamlets CCG	12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Waltham Forest CCG	6	No	Yes	Yes	Yes	No	Yes	No	Yes	No	No	No	Yes
	Wandsworth CCG West London CCG	12	Yes	Yes	Yes Yes	Yes	Yes	Yes Yes	Yes	Yes Yes	Yes	Yes	Yes	Yes
	Cumbria CCG***	8	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
	Darlington CCG	6	No	Yes	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes
	Durham Dales, Easington and Sedgefield CCG	7	No	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
	Gateshead CCG	8	No	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes
	Hambleton, Richmondshire and Whitby CCG	6	Yes	Yes	No	Yes	Yes	No	No	Yes	No	No	Yes	No
	Hartlepool and Stockton-on-Tees CCG	6	No	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
North of England SCN	Newcastle North and East CCG Newcastle West CCG	8	Yes Yes	No No	Yes Yes	Yes Yes	Yes	No No	No	No No	Yes Yes	Yes Yes	Yes Yes	Yes
	North Durham CCG	6	Yes	No	No	Yes	No	No	No	No	Yes	Yes	Yes	Yes
	North Tyneside CCG	12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Northumberland CCG	12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	South Tees CCG	10	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	South Tyneside CCG Sunderland CCG	4	No	No	Yes	No	No	No	No	No	Yes	Yes	No	Yes
	Sunderland CCG Ashford CCG	2	Yes	No	No Yes	Yes Yes	No	No Yes	No	No	No	No	No	No
	Ashtord CCG Brighton and Hove CCG	3	Yes	NO	Yes	Yes	NO	Yes	Yes	Yes	NO Yes	Yes	Yes	Yes
	Canterbury and Coastal CCG	1	No	No	No	Yes	No	No	No	No	No	No	No	No
	Coastal West Sussex CCG	7	No	No	No	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes
	Crawley CCG	9	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
	Dartford, Gravesham and Swanley CCG	10	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	No
	East Surrey CCG	8	No	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
	Eastbourne, Hailsham and Seaford CCG Guildford and Waverley CCG	6	Yes Yes	No No	Yes Yes	Yes Yes	Yes No	No No	No No	No No	Yes Yes	Yes Yes	Yes Yes	Yes
South East Coast SCN	Hastings and Rother CCG	8	Yes	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes
	High Weald Lewes Havens CCG	2	No	No	No	Yes	No	Yes	No	No	No	No	No	No
	Horsham and Mid Sussex CCG	9	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
	Medway CCG	8	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	Yes
	North West Surrey CCG	1	No	No	Yes	No	No	No	No	No	No	No	No	No
	South Kent Coast CCG	3	No	No	Yes	Yes	No	Yes	No	No	No	No	No	No
	Surrey Downs CCG Surrey Heath CCG	12	Yes	Yes	Yes	Yes Yes	Yes	Yes	Yes	Yes Yes	Yes	Yes	Yes	Yes
	Swale CCG	8	Yes	Yes	Yes	Yes	NO	NO	NO	No	Yes	Yes	Yes	Yes
	Thanet CCG	3	No	No	Yes	Yes	No	Yes	No	No	No	No	No	No

SCN Region/Country	Service Function Information	Total number of service functions commissioned (at least one of each)	Inpatient	Outpatient	Early Supported Discharge (ESD)	Community Rehabilitation Team (CRT)	Domiciliary only (not ESD/CRT)	6 Month Assessment Provider	Vocational rehabilitation	Psychological support	Physiotherapy	Occupational Therapy	Speech and Language Therapy	Family and Carer Support Service
	Commissioner (Local Health Board) name		1			1								-
	West Kent CCG	8	Yes	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No
	Bath and North East Somerset CCG	12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Bristol CCG Gloucestershire CCG	5	Yes	Yes Yes	No Yes	Yes Yes	No	No Yes	No Yes	No Yes	No Yes	No Yes	Yes	Yes
	Kernow CCG	8	Yes	Yes	No	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
6	North Somerset CCG	6	Yes	No	No	Yes	No	No	No	Yes	Yes	Yes	Yes	No
South West SCN	Northern, Eastern and Western Devon CCG	9	Yes	No	Yes	No	No	Yes	Yes*	Yes**	Yes	Yes	Yes	Yes
	Somerset CCG	1	No	No	Yes	No	No	No	No	No	No	No	No	No
	South Devon and Torbay CCG	9	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
	South Gloucestershire CCG Swindon CCG	11	Yes Yes	Yes Yes	Yes Yes	Yes Yes	No Yes	No Yes	No No	Yes Yes	Yes Yes	Yes Yes	Yes Yes	No Yes
	Wiltshire CCG	9	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
	Aylesbury Vale CCG	10	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Bracknell and Ascot CCG	5	Yes	No	Yes	No	Yes	No	No	Yes	No	No	Yes	No
	Chiltern CCG	10	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Milton Keynes CCG	11	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Thames Valley SCN	Newbury and District CCG North and West Reading CCG	9	Yes	No No	Yes Yes	Yes Yes	Yes	Yes Yes	No No	Yes Yes	Yes	No	Yes	Yes
mames valley SUN	North and West Reading CCG Oxfordshire CCG	9 4	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes
	Slough CCG	8	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	Yes
	South Reading CCG	9	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes
	Windsor, Ascot and Maidenhead CCG	6	Yes	No	Yes	Yes	No	No	No	Yes	No	No	Yes	Yes
	Wokingham CCG	9	Yes	No	Yes	Yes	Yes	Yes	No	Yes	Yes	No	Yes	Yes
	Dorset CCG	9	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Fareham and Gosport CCG Isle of Wight CCG	9	Yes	Yes	Yes	Yes Yes	Yes	No	Yes No	Yes	Yes	Yes	Yes	Yes
	North East Hampshire and Farnham CCG	8	Yes	Yes	Yes	No	NO	Yes No	NO	Yes	Yes	Yes	Yes	Yes
Wessex SCN	North Hampshire CCG	4	Yes	No	Yes	No	No	Yes	No	No	No	No	No	Yes
	Portsmouth CCG	11	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
	South Eastern Hampshire CCG	11	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
	Southampton CCG	6	No	No	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	No
	West Hampshire CCG	10	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
	Birmingham CrossCity CCG	1	No	No	No Yes	Yes	No	No	No	No	No	No	No	No
	Birmingham South and Central CCG Cannock Chase CCG	9	Yes	No No	Yes	Yes Yes	No	No Yes	Yes	Yes No	Yes Yes	Yes Yes	Yes No	Yes No
	Coventry and Rugby CCG	7	Yes	No	No	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
	Dudley CCG	11	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	East Staffordshire CCG	1	No	No	Yes	No	No	No	No	No	No	No	No	No
	Herefordshire CCG	6	Yes	No	No	Yes	Yes	No	No	No	Yes	Yes	Yes	No
	North Staffordshire CCG	10	Yes	Yes	Yes	Yes	No	Yes	No Yes	Yes	Yes	Yes	Yes	Yes
	Redditch and Bromsgrove CCG Sandwell and West Birmingham CCG	10	No Yes	No No	Yes Yes	Yes Yes	NO	Yes	Yes	No Yes	Yes Yes	Yes Yes	Yes Yes	Yes
	Shropshire CCG	9	No	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
West Midlands SCN	Solihull CCG	7	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	No
	South East Staffordshire and Seisdon Peninsula CCG	9	Yes	Yes	Yes	Yes	No	Yes	No	No	Yes	Yes	Yes	Yes
	South Warwickshire CCG	6	Yes	No	Yes	No	Yes	No	No	No	Yes	Yes	Yes	No
	South Worcestershire CCG	8	No	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes
	Stafford and Surrounds CCG Stoke on Trent CCG	5	No Yes	No Yes	Yes	Yes Yes	No	Yes	No Yes	No Yes	Yes	Yes Yes	No Yes	No Yes
	Telford and Wrekin CCG	11	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
	Walsall CCG	12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Warwickshire North CCG	5	Yes	Yes	No	No	No	No	No	No	Yes	Yes	Yes	No
	Wolverhampton City CCG	3	Yes	No	No	Yes	No	No	Yes	No	No	No	No	No
	Wyre Forest CCG	-			Yes	Yes		Yes	Yes		Yes	Yes	Yes	Yes
	Airedale, Wharfedale and Craven CCG Barnsley CCG	8	Yes	Yes Yes	No Yes	Yes Yes	Yes	No Yes	No Yes	No Yes	Yes Yes	Yes	Yes	Yes
	Bassetlaw CCG	8	No	No	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	NO
	Bradford City CCG	10	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Bradford Districts CCG	10	No	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Calderdale CCG	6	No	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No
Yorkshire & The Humber	Doncaster CCG	9	Yes	Yes	No	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
SCN	East Riding of Yorkshire CCG	4	Yes	No	No	Yes	No	No	No	Yes	No	No	Yes	No
	Greater Huddersfield CCG Hardwick CCG	6	No No	Yes Yes	Yes Yes	Yes No	No	No	No No	No No	Yes	Yes Yes	Yes Yes	No Yes
	Harrogate and Rural District CCG	6	Yes	Yes	No	Yes	Yes	NO	Yes	No	No	No	No	Yes
	Hull CCG	11	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Leeds North CCG	9	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
			No								Yes			Yes

SCN Region/Country	Service Function Information	Total number of service functions commissioned (at least one of each)	Inpatient	Outpatient		Community Rehabilitation Team (CRT)		6 Month Assessment Provider	Vocational rehabilitation	Psychological support	Physiotherapy	Occupational Therapy	Speech and Language Therapy	Family and Carer Support Service
	Commissioner (Local Health Board) name													
	Leeds West CCG	9	No	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes
	North Derbyshire CCG	9	Yes	Yes	Yes	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes
	North East Lincolnshire CCG	9	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
	North Kirklees CCG	11	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
Yorkshire & The Humber	North Lincolnshire CCG	6	Yes	No	Yes	Yes	Yes	No	Yes	Yes	No	No	No	No
SCN	Rotherham CCG	12	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Scarborough and Ryedale CCG	5	Yes	Yes	No	Yes	Yes	No	No	No	No	No	Yes	No
	Sheffield CCG	11	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	Vale of York CCG	10	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No
	Wakefield CCG	7	No	No	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes
	Belfast Local Commissioning Group	2	No	No	No	Yes	No	Yes	No	No	No	No	No	No
	Northern Local Commissioning Group	9	Yes	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
Northern Ireland	South Eastern Local Commissioning Group	2	No	No	No	Yes	No	Yes	No	No	No	No	No	No
	Southern Local Commissioning Group	10	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
	Western Local Commissioning Group	9	Yes	No	Yes	Yes	No	Yes	Yes	No	Yes	Yes	Yes	Yes
	Abertawe Bro Morgannwg Local Health Board	10	Yes	Yes	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes
	Aneurin Bevan Local Health Board	8	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	No	Yes	Yes
Wales	Cardiff and Vale Local Health Board	5	No	Yes	Yes	Yes	No	No	No	Yes	No	No	No	Yes
** dies	Cwm Taf Local Health Board	8	No	No	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes
	Hywel Dda Local Health Board	8	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	Yes
	Powys Local Health Board	1	Yes	No	No	No	No	No	No	No	No	No	No	No

* Vocational rehabilitation only available within the Northern locality of Northern, Eastern and Western Devon CCG
** Psychological support only available within the Northern and Western localities of Northern, Eastern and Western Devon CCG
*** Cumbria CCG which crosses two SCN boundaries has been placed within the North of England SCN due to the majority of its population being located within this region

Appendix 2: Membership of the Intercollegiate Stroke Working Party

Chair

Professor Anthony Rudd, Professor of Stroke Medicine, King's College London; Consultant Stroke Physician, Guy's and St Thomas' NHS Foundation Trust

Associate directors from the Stroke Programme at the Royal College of Physicians

Professor Pippa Tyrrell, Professor of Stroke Medicine, University of Manchester; Consultant Stroke Physician, Salford Royal NHS Foundation Trust

Dr Geoffrey Cloud, Consultant Stroke Physician, Honorary Senior Lecturer Clinical Neuroscience, St George's University Hospitals NHS Foundation Trust, London

Dr Martin James, Consultant Stroke Physician, Royal Devon and Exeter NHS Foundation Trust; Honorary Associate Professor, University of Exeter Medical School

List of Members

Association of Chartered Physiotherapists in Neurology Dr Nicola Hancock, Lecturer in Physiotherapy, School of Health Sciences, University of East Anglia

AGILE – Professional Network of the Chartered Society of Physiotherapy Mrs Louise McGregor, Allied Health Professional Therapy Consultant, St George's University Hospitals NHS Trust, London

Association of British Neurologists

Dr Gavin Young, Consultant Neurologist, The James Cook University Hospital, South Tees Hospitals NHS Foundation Trust

British Association of Stroke Physicians Dr Neil Baldwin, Consultant Stroke Physician, Wye Valley NHS Trust Dr Damian Jenkinson, Consultant in Stroke Medicine, Dorset County Hospital

British Society of Rehabilitation Medicine/Society for Research in Rehabilitation Professor Derick Wade, Consultant in Rehabilitation Medicine, The Oxford Centre for Enablement

British Geriatrics Society

Professor Helen Rodgers, Professor of Stroke Care, Newcastle University

British and Irish Orthoptic Society Dr Fiona Rowe, Reader in Orthoptics and Health Services Research, University of Liverpool

British Psychological Society

Dr Audrey Bowen, The Stroke Association John Marshall Memorial Reader in Psychology, University of Manchester

Dr Jason Price, Consultant Clinical Neuropsychologist, The James Cook University Hospital Dr Shirley Thomas, University of Nottingham

British Society of Neuroradiologists

Dr Andrew Clifton, Interventional Neuroradiologist, St George's University Hospitals NHS Foundation Trust, London

Chartered Society of Physiotherapy

Dr Cherry Kilbride, Senior Lecturer in Physiotherapy, Institute of Health, Environment and Societies, Brunel University, London

Clinical Lead for Wales Dr Phil Jones, Consultant Physician, Hywel Dda University Health Board

The Cochrane Stroke Group

Professor Peter Langhorne, Professor of Stroke Care Medicine, University of Glasgow

College of Occupational Therapists and Special Section Neurological Practice Professor Avril Drummond, Professor of Healthcare Research, University of Nottingham Mrs Karen Clements, Lead Occupational Therapist – Stroke Rehabilitation Unit, Royal Derby Hospital

Health Economics Advice

Professor Anita Patel, Chair in Health Economics, Queen Mary University of London

NIMAST (Northern Ireland)

Dr Michael Power, Consultant Physician Ulster Hospital Belfast, Founder and Committee Member NIMAST

Patient representative Mr Robert Norbury

Patient representative Mr Stephen Simpson

Patient representative Ms Marney Williams

Public Health England/Royal College of Physicians Dr Benjamin Bray, Clinical Research Fellow, Kings College London

Royal College of Nursing

Mrs Diana Day, Stroke Consultant Nurse, Addenbrooke's Hospital, Cambridge University Hospitals NHS Foundation Trust

Dr Amanda Jones, Stroke Nurse Consultant, Sheffield Teaching Hospitals NHS Foundation Trust

Royal College of Nursing Dr Christopher Burton, Senior Research Fellow in Evidence Based Practice, Bangor University

Royal College of Radiologists

Prof Philip White, Hon Consultant Neuroradiologist, Newcastle Upon Tyne Hospitals NHS Foundation Trust

Royal College of Speech & Language Therapists Ms Rosemary Cunningham, Speech and Language Therapy Team Manager, Royal Derby Hospital

(Derbyshire Community Health Services Foundation Trust)

Royal College of Speech & Language Therapists

Dr Sue Pownall, Head of speech and Language Therapy, Sheffield Teaching Hospitals NHS Foundation Trust

Southern Health and Social Care Trust Dr Michael McCormick, Consultant Geriatrician, Southern Health & Social care trust

Stroke Association Mr Jon Barrick, Chief Executive, Stroke Association Mr Dominic Brand, Director of Marketing and External Affairs, Stroke Association

University of Sheffield Professor Pam Enderby, Professor of Rehabilitation, University of Sheffield



Appendix 3: SSNAP Post-acute stroke service commissioning audit questionnaire

SSNAP Organisational Audit of Post-Acute Services

The Sentinel Stroke National Audit Programme (SSNAP) has been commissioned to deliver an organisational audit of post-acute services. This will be undertaken in two phases. Phase 1 involves asking CCGs to identify what services are commissioned for stroke patients when they leave acute care. This information will inform Phase 2 which will involve auditing post-acute providers directly about the care they provide for stroke patients.

Phase 1 – Audit of CCGs

We are interested in identifying the post-acute services commissioned for stroke patients in your CCG in inpatient and outpatient settings, in patients' homes, and in nursing homes/care homes. We will also ask you to identify services which provide vocational rehabilitation, psychological support and 6 month follow up assessments in addition to asking some general questions about your CCG.

Definition of post-acute service

We define post-acute services as ANY service which follows acute in-patient care. It includes any post-acute services which provides medical and/or emotional needs and support to people who have been discharged from traditional hospital but who continue to need medical or general support.



SECTION 1: Services within your CCG/LHB/LCG

Please provide details of ALL post-acute services which treat stroke patients in your CCG/LHB/LCG (complete one sub form per service)

Full name of service e.g. Somewhere ESD Team	Service category (select all that apply)	Does this service provide stroke/neurology specific care?	Location where service is provided (select all that apply)	Commissioned from	Details of main contact (for each post-acute service)
	Post-acute inpatient care setting Outpatient care setting Early supported discharge team Community rehabilitation team Domiciliary team (not ESD/CRT) Vocational rehabilitation provider Psychological support provider 6 month assessment provider Physiotherapy team Occupational therapy team Speech and language therapy team Family and carer support services (e.g. Stroke Association)	Y/N	Community hospital 'Other' inpatient setting 'Other' outpatient setting Patient's home (or carer/family home) Nursing home	Acute trust Community trust Third sector provider Private sector Provider Name	Name Job Title Organisation Name Address Email Phone



SECTION 2: About your CCG/LHB/LCG

2.1	Is there a clinical lead for stroke in your CCG/LHB/LCG?	Yes 🔿	No 🔿
	If yes, please give contact details		
	NameEmailEmail		
2.2	Do you require participation of acute providers in SSNAP?	Yes 🔘	No 🔿
2.3	Do you require participation of post-acute providers in SSNAP?	Yes 🔘	No ㅇ
2.4	Do you have a stroke commissioning group e.g. Programme Board for Stroke	Yes 🔿	No 🔿
2.5	Do you have any joint commissioning of stroke services with social care in Health and Wellbeing Boards?	Yes 🔘	No 🔘

If yes, please list e.g. specialist stroke exercise programmes and peer-support programmes, carers support, local directory of services for stroke patients

2.6 Do you commission stroke services as part of a consortium of commissioners?

If yes, please list the CCGs/LHBs/LCGs

.....

.....

2.7 Are there any other community based stroke services, not already covered in Section 1, which you currently commission and you want to tell us about?

Please list

Appendix 4: List of commissioners/providers (participants and non) by country and SCN	
region	

Commissioner Name	Country
Participants	
Cheshire and Mersey Strategic Clinical Network & S	Senate
Eastern Cheshire CCG	England
Halton CCG	England
Knowsley CCG	England
Liverpool CCG	England
South Cheshire CCG	England
South Sefton CCG	England
Southport and Formby CCG	England
St Helens CCG	England
Vale Royal CCG	England
Warrington CCG	England
West Cheshire CCG	England
Wirral CCG	England
East Midlands Strategic Clinical Networks & Senate	
Corby CCG	England
East Leicestershire and Rutland CCG	England
Erewash CCG	England
Leicester City CCG	England
Lincolnshire East CCG	England
Lincolnshire West CCG	England
Mansfield and Ashfield CCG	England
Nene CCG	England
Newark and Sherwood CCG	England
Nottingham City CCG	England
Nottingham North and East CCG	England
Nottingham West CCG	England
Rushcliffe CCG	England
South Lincolnshire CCG	England
South West Lincolnshire CCG	England
Southern Derbyshire CCG	England
West Leicestershire CCG	England

East of England Strategic Clinical Networks & Senate	
Basildon and Brentwood CCG	England
Bedfordshire CCG	England
Cambridgeshire and Peterborough CCG	England
Castle Point and Rochford CCG	England
East and North Hertfordshire CCG	England
Great Yarmouth and Waveney CCG	England
Herts Valleys CCG	England
Ipswich and East Suffolk CCG	England
Luton CCG	England
Mid Essex CCG	England
North East Essex CCG	England
North Norfolk CCG	England
Norwich CCG	England
South Norfolk CCG	England
Southend CCG	England
Thurrock CCG	England
West Essex CCG	England
West Norfolk CCG	England
West Suffolk CCG	England
Greater Manchester, Lancashire & South Cumbria Strategic Cli	nical Networks & Senate
Blackburn with Darwen CCG	England
Blackpool CCG	England
Bolton CCG	England
Bury CCG	England
Central Manchester CCG	England
Chorley and South Ribble CCG	England
East Lancashire CCG	England
Fylde and Wyre CCG	England
Greater Preston CCG	England
Heywood, Middleton and Rochdale CCG	England
Lancashire North CCG	England
North Manchester CCG	England
Oldham CCG	England
Salford CCG	England
South Manchester CCG	England
Stockport CCG	England
Tameside and Glossop CCG	England
Trafford CCG	England
West Lancashire CCG	England
Wigan Borough CCG	England

Greater Manchester, Lancashire & South Cumbria Strategic Clinica North of England Strategic Clinical Networks & Senate	Il Networks & Senate &
Cumbria CCG	England

London Strategic Clinical Networks & Senate	
Barking and Dagenham CCG	England
Barnet CCG	England
Bexley CCG	England
Brent CCG	England
Bromley CCG	England
Camden CCG	England
Central London (Westminster) CCG	England
City and Hackney CCG	England
Croydon CCG	England
Ealing CCG	England
Enfield CCG	England
Greenwich CCG	England
Hammersmith and Fulham CCG	England
Haringey CCG	England
Harrow CCG	England
Havering CCG	England
Hillingdon CCG	England
Hounslow CCG	England
Islington CCG	England
Kingston CCG	England
Lambeth CCG	England
Lewisham CCG	England
Merton CCG	England
Newham CCG	England
Redbridge CCG	England
Richmond CCG	England
Southwark CCG	England
Sutton CCG	England
Tower Hamlets CCG	England
Waltham Forest CCG	England
Wandsworth CCG	England
West London CCG	England

North of England Strategic Clinical Networks & Senate	
Darlington CCG	England
Durham Dales, Easington and Sedgefield CCG	England
Gateshead CCG	England
Hambleton, Richmondshire and Whitby CCG	England
Hartlepool and Stockton-On-Tees CCG	England
Newcastle North and East CCG	England
Newcastle West CCG	England
North Durham CCG	England
North Tyneside CCG	England
Northumberland CCG	England
South Tees CCG	England
South Tyneside CCG	England
Sunderland CCG	England
South East Coast Strategic Clinical Networks & Senate	
Ashford CCG	England
Brighton and Hove CCG	England
Canterbury and Coastal CCG	England
Coastal West Sussex CCG	England
Crawley CCG	England
Dartford, Gravesham and Swanley CCG	England
East Surrey CCG	England
Eastbourne, Hailsham and Seaford CCG	England
Guildford and Waverley CCG	England
Hastings and Rother CCG	England
High Weald Lewes Havens CCG	England
Horsham and Mid Sussex CCG	England
Medway CCG	England
North West Surrey CCG	England
South Kent Coast CCG	England
Surrey Downs CCG	England
Surrey Heath CCG	England
Swale CCG	England
Thanet CCG	England
West Kent CCG	England

South West Strategic Clinical Networks & Senate	
Bath and North East Somerset CCG	England
Bristol CCG	England
Gloucestershire CCG	England
Kernow CCG	England
North Somerset CCG	England
Northern, Eastern and Western Devon CCG	England
Somerset CCG	England
South Devon and Torbay CCG	England
South Gloucestershire CCG	England
Swindon CCG	England
Wiltshire CCG	England
Thames Valley Strategic Clinical Networks & Senate	-
Aylesbury Vale CCG	England
Bracknell and Ascot CCG	England
Chiltern CCG	England
Milton Keynes CCG	England
Newbury and District CCG	England
North and West Reading CCG	England
Oxfordshire CCG	England
Slough CCG	England
South Reading CCG	England
Windsor, Ascot and Maidenhead CCG	England
Wokingham CCG	England
Wessex Strategic Clinical Networks & Senate	
Dorset CCG	England
Fareham and Gosport CCG	England
Isle of Wight CCG	England
North East Hampshire and Farnham CCG	England
North Hampshire CCG	England
Portsmouth CCG	England
South Eastern Hampshire CCG	England
Southampton CCG	England
West Hampshire CCG	England

West Midlands Strategic Clinical Networks & Senate	
Birmingham CrossCity CCG	England
Birmingham South and Central CCG	England
Cannock Chase CCG	England
Coventry and Rugby CCG	England
Dudley CCG	England
East Staffordshire CCG	England
Herefordshire CCG	England
North Staffordshire CCG	England
Redditch and Bromsgrove CCG	England
Sandwell and West Birmingham CCG	England
Shropshire CCG	England
Solihull CCG	England
South East Staffordshire and Seisdon Peninsula CCG	England
South Warwickshire CCG	England
South Worcestershire CCG	England
Stafford and Surrounds CCG	England
Stoke on Trent CCG	England
Telford and Wrekin CCG	England
Walsall CCG	England
Warwickshire North CCG	England
Wolverhampton City CCG	England
Wyre Forest CCG	England
Yorkshire & The Humber Strategic Clinical Networks & Senate	
Airedale, Wharfedale and Craven CCG	England
Barnsley CCG	England
Bassetlaw CCG	England
Bradford City CCG	England
Bradford Districts CCG	England
Calderdale CCG	England
Doncaster CCG	England
East Riding of Yorkshire CCG	England
Greater Huddersfield CCG	
	England
Hardwick CCG	England England
	England
Hardwick CCG	England England
Hardwick CCG Harrogate and Rural District CCG	England
Hardwick CCG Harrogate and Rural District CCG Hull CCG	England England England England England
Hardwick CCG Harrogate and Rural District CCG Hull CCG Leeds North CCG	England England England
Hardwick CCG Harrogate and Rural District CCG Hull CCG Leeds North CCG Leeds South and East CCG	England England England England England England
Hardwick CCG Harrogate and Rural District CCG Hull CCG Leeds North CCG Leeds South and East CCG Leeds West CCG	England England England England England England England
Hardwick CCG Harrogate and Rural District CCG Hull CCG Leeds North CCG Leeds South and East CCG Leeds West CCG North Derbyshire CCG	England England England England England England England England
Hardwick CCG Harrogate and Rural District CCG Hull CCG Leeds North CCG Leeds South and East CCG Leeds West CCG North Derbyshire CCG North East Lincolnshire CCG	England England England England England England England England England
Hardwick CCG Harrogate and Rural District CCG Hull CCG Leeds North CCG Leeds South and East CCG Leeds West CCG North Derbyshire CCG North East Lincolnshire CCG North Kirklees CCG	England England England England England England England England England England England
Hardwick CCG Harrogate and Rural District CCG Hull CCG Leeds North CCG Leeds South and East CCG Leeds West CCG North Derbyshire CCG North East Lincolnshire CCG North Kirklees CCG North Lincolnshire CCG	England
Hardwick CCGHarrogate and Rural District CCGHull CCGLeeds North CCGLeeds South and East CCGLeeds West CCGNorth Derbyshire CCGNorth East Lincolnshire CCGNorth Kirklees CCGNorth Lincolnshire CCGRotherham CCG	England
Hardwick CCGHarrogate and Rural District CCGHull CCGLeeds North CCGLeeds South and East CCGLeeds West CCGNorth Derbyshire CCGNorth East Lincolnshire CCGNorth Kirklees CCGNorth Lincolnshire CCGRotherham CCGScarborough and Ryedale CCG	England

Northern Ireland	
Belfast Local Commissioning Group	Northern Ireland
Northern Local Commissioning Group	Northern Ireland
South Eastern Local Commissioning Group	Northern Ireland
Southern Local Commissioning Group	Northern Ireland
Western Local Commissioning Group	Northern Ireland
Wales	
Abertawe Bro Morgannwg	Wales
Aneurin Bevan University Health Board	Wales
Cardiff & Vale University Health Board	Wales
Cwm Taf University Health Board	Wales
Hywel Dda University Health Board	Wales
Powys Teaching Health Board	Wales

Non-participants	
Betsi Cadwaladr University Health Board	Wales

Appendix 5: SSNAP Resources for Commissioners

SSNAP Resources for Commissioners

SSNAP has worked to ensure that commissioners receive timely and meaningful information about the care being provided to their patients. Commissioner specific data produced from the continuous SSNAP clinical audit is made available on the SSNAP webtool on a quarterly basis. This information can be used by commissioners to benchmark the performance of their teams with those across the country and help to inform change and the commissioning process. These outputs include:

Commissioner Dashboards

Commissioner and Health Board specific dashboards are produced on a 3 monthly basis to report on the stroke measures within the CCG Outcome Indicator Set (OIS). These enable commissioners and Health Boards to see 'at a glance' the results of the CCG OIS stroke measures for patients within their area benchmarked against all other commissioners (England, Wales and Northern Ireland). They also give details on the teams which treat patients from a CCG, Health Board or Local Commissioning Group (LCG) and the SSNAP level they achieved. More recently they have also included 30 day mortality data, reporting back to commissioners on their expected number of deaths (based on patients with a known stroke type) against the number of observed deaths.

Commissioner results portfolio

Commissioner results portfolios are produced for each individual commissioner for CCG OIS measures and all SSNAP key indicators.

Team level reports

SSNAP produces and disseminates team level reports on a quarterly basis. Full and summary results for the entire stroke pathway for teams within each commissioning or Health Board area are available on the SSNAP webtool.

All commissioner resources can be obtained from <u>www.strokeaudit.org/results</u>.

Appendix 6: Background to the SSNAP Post-Acute Organisational Audit

SSNAP Post-acute organisational audit

Detail on the staffing and structures for acute stroke care and services have been collected routinely via national stroke audits delivered by the RCP Stroke Programme since 1998, however, there has been limited opportunity to expand this data collection to the post-acute setting. Consequently, bed-based and domiciliary stroke services in the community have so far been largely provided without consistent benchmarking. The introduction of the Sentinel Stroke National Audit Programme (SSNAP) offers a unique opportunity to measure the quality of stroke service organisation in the post-acute phase and to enable clinicians, managers and commissioners to examine and review their existing services and the local pathway of rehabilitation in the community.

The Aims of the SSNAP post-acute organisational audit

- To identify services commissioned to provide rehabilitation for stroke patients beyond the acute setting
- To measure the extent to which specialist stroke rehabilitation is being organised by these services in comparison with the evidence-based standards in RCP and NICE stroke guidelines
- To establish a baseline of current service organisation nationally to compare with processes of care (SSNAP clinical) and to monitor changes over time
- To enable providers to benchmark the quality of the component elements of their service organisation nationally and regionally (e.g. ESD teams/community rehab teams)
- To identify where improvements to services are needed and make recommendations
- To provide timely, transparent information to patients and the public about the quality of stroke care organisation in the post-acute setting locally and nationally
- To provide commissioners with evidence of the quality of commissioned services.

The need for a post-acute organisational audit

The need to audit stroke services in the post-acute setting has been highlighted by:

- The National Audit Office (NAO) whose reported 'Progress in Improving Healthcare' (2010) reported that "improvements in acute care are not yet matched by progress in delivering more effective post hospital support for stroke survivors and their carers. There is a need for better joint working between health and social care, community care and care homes and other services including benefits and employment services."
- 2. Recent reports which have indicated that there is a wide variation in the availability of rehabilitation and post-acute services (RCP 2012, Care Quality Commission (CQC) 2011, Healthcare for London 2009) with some areas having early supported discharge services , responsive community stroke rehabilitation teams and vocational rehabilitation services which demonstrate good outcomes and value for money. Other areas have no dedicated community stroke service and are without access to even generic rehabilitation teams. This inequality of access to services results in variation in patient experience and outcomes. The Care Quality Commission (2011) reported across a number of aspects of ESD and community rehabilitation services and concluded: 'The overall picture is one of inconsistency, waits between transfer home and commencing community rehabilitation and lack of specialist access.'
3. Patient engagement which has shown rehabilitation is often a neglected part of the stroke pathway, and this is an area where stroke survivors and their carers feel they have been let down the most (CQC 2011). Similarly, the NAO reported around only half of patients receive rehabilitation services that meet their needs in the first six months after discharge, falling to around a fifth of patients in the six to twelve months after discharge (NAO 2010).

In order to address these needs SSNAP proposed and has been commissioned to carry out a twopronged organisational audit of post-acute stroke services at commissioner and provider level. This audit will determine the extent to which they meet required standards, and inform decisions about where improvements are required. The phased approach to this audit will include:

- 1. an audit of commissioners (Phase 1) and
- 2. a post-acute provider audit (Phase 2)

Together, these two unique audits will help to produce a national picture of the services available for stroke survivors once they leave hospital, their structures and what processes they follow, enable national and regional benchmarking, and allow informed recommendations to be made for the improvement of these services.

Audit activity	Timescale
Phase 1: Audit of post-acute stroke services commissioned	
Registration	September – November 2014
Data collection	November – December 2014
	(ended on 2 January 2015)
Data checking and validation report production	January 2015
National and commissioner specific results made	March 2015
available to commissioners via SSNAP webtool	
National and commissioner specific results made	April 2015
available to healthcare organisations	
National and commissioner specific results made	June 2015
public and available nationally	
Phase 2: Post-acute provider audit	
Registration	February – March 2015
Data collection	April – May 2015
Data checking and validation process	June 2015
National and team level results made available to	Autumn 2015
teams via SSNAP webtool	

Timescales for the audit process

Appendix 7: Piloter Acknowledgements

The Royal College of Physicians stroke programme and the Intercollegiate Stroke Working Party thank all who participated in the online piloting and development of Phase 1 of the inaugural post-acute care organisational audit.

Suzanne Findler Commissioning manager, North Staffordshire CCG and Stoke-on-Trent CCG

Rawan Hamdan Clinical commissioning manager- Long Term Conditions, Central Manchester CCG

Ruth Hunter Partnership commissioning manager, St Helens CCG

Carol Massey Commissioning manager, Northern, Eastern and Western Devon CCG

Elaine Randall Service development manager, *Coastal West Sussex CCG*

England

Airedale, Wharfedale and Craven CCG Airedale NHS Foundation Trust Stroke service Airedale, Wharfedate and Craven Carers Resource (Skipton) Ashford CCG Ashford 6 Month Assessment Team (C335) Ashford Community Stroke Rehab Service Ashford Early Support Team (C235) **Aylesbury Vale CCG** Buckinghamshire Aphasia/Communication Rehabilitation and Support Buckinghamshire Community Neuro-rehabilitation Service (CNRS) Buckinghamshire Early Support Discharge Team **Buckinghamshire Neuro-unit** Buckinghamshire Stroke Support Services Barking and Dagenham CCG Barking, Havering, Redbridge University Hospital Trust ESD North East London Foundation Trust ESD North East London Foundation Trust Inpatient Barnet CCG Barnet Early Supported Discharge Service Barnet Stroke Support Services Barnsley CCG South West Yorkshire Partnership NHS Foundation Trust Stroke Services Basildon and Brentwood CCG South West Essex Stroke Hub Team (NELFT) - Community rehab South West Essex Stroke Hub Team (NELFT) - Domiciliary team South West Essex Stroke Hub Team (NELFT) - Early Supported Discharge South West Essex Stroke Hub Team (NELFT) - Inpatient care South West Essex Stroke Hub Team (NELFT) - Outpatient care South West Essex Stroke Hub Team (NELFT) - Physio, OT and SALT South West Essex Stroke Hub Team (NELFT) - Psychological support South West Essex Stroke Hub Team (NELFT) - Six month assessment **Bassetlaw CCG** Bassetlaw Early Supported Discharge Team Bath and North East Somerset CCG Bath and North East Somerset Community Neuro and Stroke Services Bedfordshire CCG Bedfordshire Rehab and Enablement team (South Essex PT) **Bexley CCG** Bexley Integrated Specialist Neurorehabilitation service (Sidcup) Birmingham CrossCity CCG

Birmingham Community Health Care NHS Trust/ Mosely Hall Hospital **Birmingham South and Central CCG** Birmingham South and Central Community Rehabilitation Birmingham South and Central Early Supported Discharge Birmingham South and Central Family and Carer Support Services Birmingham South and Central Inpatient Rehabilitation Blackburn with Darwen CCG Blackburn with Darwen Community Stroke Team Blackpool CCG Blackpool Community Neuro Team Blackpool Early Supported Discharge Team **Blackpool Occupational Therapy Service** Blackpool Physiotherapy Service Blackpool Speech and Language Therapy Service **Blackpool Stroke Matron** Stroke Association - Blackpool Bolton CCG Bolton FT Community Stroke Team Bracknell and Ascot CCG Berkshire Healthcare Foundation Trust ESD Bracknell Community Rehab beds Bracknell Forest Community Response and Reablement Farnham and Ted Bradley unit Rehabilitation beds Bradford City CCG Bradford District and Bradford City Community Speech and Language Therapy Bradford Districts and Bradford City Acute Care Stroke Follow Up Care Bradford Districts and Bradford City Early Supported Discharge Service Bradford Districts and Bradford City Improving Access to Psychological Therapies (IAPT) Bradford Districts and Bradford City Neuro-rehabilitation Team Bradford districts and Bradford City Stroke Support Service **Bradford Districts CCG** Bradford Districts and Bradford City Acute Care Stroke Follow Up Bradford Districts and Bradford City Community Speech and Language Therapy Bradford Districts and Bradford City Early Support Discharge Service Bradford Districts and Bradford City Improving Access to Psychological Therapies Bradford Districts and Bradford City Neuro rehabilitation Team Bradford districts and Bradford City Stroke Support Service Brent CCG Brent STARRS - Short-Term Assessment, Rehabilitation and Reablement Service Robertson Unit at Willesden Centre for Health and Care

Brighton and Hove CCG

Brighton and Hove Community Neuro Rehabilitation Team Sussex Rehabilitation Centre at Princess Royal Hospital (In patient Care) Bristol CCG Bristol Area Stroke Foundation Bristol Intermediate Care and Reablement North Bristol Adult Speech and Language Therapy Outpatient/ Community Service North Bristol Trust Stroke Rehabilitation Unit South Bristol Stroke Rehabilitation UH Bristol Adult Speech and language Therapy Outpatient Community service University Hospitals Bristol Stroke Clinic Bromley CCG **Bromley Specialist Community Rebilitation Team Bury CCG** Bury Early Supported Discharge Team Bury Sroke Team **Bury-Community Rehabilitation Team** Calderdale CCG Calderdale Early Supported Discharge Calderdale Hospital FT Rehab team Calderdale Hospital Stroke Outpatient Clinic Cambridgeshire and Peterborough CCG Cambridgeshire and Peterborough Specialist Neuro Rehab Service Stroke Association Cambridgeshire Information Advice and Support service Camden CCG Camden (CNWL FT) - Early Supported Discharge Team

Camden (CNWL FT) - Stroke and Neuro Rehab Inpatients Service - Oakwood Ward Camden (CNWL FT) Community Based Stroke & Neuro Rehab Team Cannock Chase CCG Stafford and Cannock community Stroke Service Canterbury and Coastal CCG Canterbury Community Stroke Rehab Team (C233) Herne Bay Community Stroke Rehab Team (C234) Castle Point and Rochford CCG South East Essex Community Service Integrated Stroke Team South East Essex Stroke Early Supported Discharge Central London (Westminster) CCG Albany Rehabilitation Unit Healthwatch Stroke Project Group (Triborough Stroke Focus Group) London Specialist Commissioning Group Westminster Stroke Services Central Manchester CCG **Central Manchester Community Rehab** Central Manchester ESD Team

Central Manchester Psychology Service Chiltern CCG Buckinghamshire Aphasia/Communication Rehabilitation and Support Buckinghamshire Community Neuro-rehabilitation Service (CNRS) Buckinghamshire Early Support Discharge Team Buckinghamshire Neuro-rehabilitation Unit (BNRU) Buckinghamshire Stroke Transfer of Care Coordinator (South) **Bucks Stroke Support** Chorley and South Ribble CCG Central and West Lancs Carers Central Lancs Community Nursing Team Lancashire Community Equipment and Resource Service Lancashire Community Neurological Services Lancashire Community Rehabilitation Lancashire Continence Service Lancashire Nutrition and Dietetics Services Midlands and Lancashire NHS Continuing Healthcare and NHS Funded Nursing Care City and Hackney CCG City and Hackney Regional Neurological Rehabilitation Unit City and Hackney TLC stroke project Hackney Adult Community Rehab Team Hackney Therapy at Home **Coastal West Sussex CCG** Coastal West Sussex - Chichester and Midhurst Family and Carer Support Service West Sussex Coastal (South) Community Neuro Rehab Team West Sussex Coastal (West) Neuro Rehab Team Corby CCG Northamptonshire Community Stroke Beds Northamptonshire Community Stroke Team **Coventry and Rugby CCG** Coventry and Warwickshire Stroke Association **Coventry Community Neuro-Rehab Service** University Hospitals of Coventry and Warwickshire Inpatient Rehab (Mulberry Unit) Crawley CCG Crawley Communication Support (South East Coast) Crawley Family and Carer Support Services (South East Coast) Sussex Community Neuro-rehab Team (North) Sussex Rehab Centre Sussex Stroke Rehabilitation Ward Croydon CCG Croydon Community Neuro Rehabilitation Team Croydon Domiciliary Physiotherapy Service Croydon Domiciliary Speech and Language Therapy Service

Croydon Neuro Outpatient Physiotherapy Service

Croydon Neuro Psychology Service Croydon Outpatient Speech and Language Therapy Service Crovdon Stroke Rehabilitation team Cumbria CCG **Cumbria Partnership Trust** North Cumbria Acute Hospital- West Cumberland Hospital North Cumbria Acute Trust-Cumberland Infirmary Stroke Association University Hospitals of Morecambe Bay Darlington CCG County Durham and Darlington (CDFT) community stroke team The Stroke Association The Responsive Integrated Assessment Care Team (Riact) Dartford, Gravesham and Swanley CCG Dartford, Gravesham & Swanley Community Stroke Service (Gravesham Hosp) Doncaster CCG Doncaster carers service (Stroke) Age UK **Doncaster Community Rehabilitation Team** Doncaster Early supported discharge team **Doncaster Occupational Therapy Services Doncaster Physiotherapy Services** Doncaster Psychological Support Provider **Doncaster Speech & Language Therapy Services** Doncaster Stroke Support club Montagu Hospital Rehab unit, Mexborough Outpatient care, Montagu Hospital, Mexborough Dorset CCG **Bournemouth Hospital ESD** Dorset Healthcare NHSFT ESD Dudley CCG Dudley Intermediate Care and Step down facilities **Dudley Psychology and Councilling Services Dudley Rehabilitation Service** Dudley Stroke Association - 6 week, 6 months and 12 months post stroke reviews Dudley Stroke Association - Family and Carer support Worker Durham Dales, Easington and Sedgefield CCG Durham Dales, Easington and Sedgefield Stroke community rehab team The Stroke Association Ealing CCG Ealing ENable Service Ealing Neuro rehabilitation East and North Hertfordshire CCG East & North Herts Stroke Early Supported Discharge Service East of England Life After Stroke Service LAS

Hertfordshire Community Services Hertfordshire Neuro-Rehabilitation Service Hertfordshire Partnership Foundation Trust - IAPT East Lancashire CCG East Lancashire Community Rehab Stroke Team East Lancashire, Pendle Community Hospital in patient stroke rehab East Lancs/Stroke Association: Information advice & support service, communication support service East Leicestershire and Rutland CCG East Leicestershire and Rutland Community Inpatient Stroke Rehabilitation East Leicestershire and Rutland Early Supported Discharge Team East Leicestershire and Rutland Improving Access to Psychological Therapies (IAPT) (Nottinghamshire) East Leicestershire and Rutland Therapy Services (Leicester Partnership) East Leicestershire and Rutland Therapy Services (Uni. Hosp of Leicestershire) East Riding of Yorkshire CCG East Riding Community Hospital Inpatient Ward East Riding of Yorkshire Community Mental Health Services East Riding of Yorkshire Community Stroke Team East Riding of Yorkshire Dietetics Service East Riding of Yorkshire Neighbourhood Care Services East Riding of Yorkshire Speech and Language Therapy Service East Staffordshire CCG East Staffordshire Early Supported Discharge Community Stroke Team East Surrey CCG East Surrey First Community Health and Care Community Neuro Rehab Team Eastbourne, Hailsham and Seaford CCG East Sussex Healthcare Trust Community Stroke Team Eastern Cheshire CCG East Cheshire Trust Community Rehab East Cheshire Trust Outpatient Team Eastern Cheshire Stroke Association **Enfield CCG** Enfield Community Stroke Rehabilitation Services and ESD Enfield Improving Access to Psychological Therapies (IAPT) Service Enfield In-Patient Stroke Rehabilitation Service Enfield Stroke Navigator Service **Erewash CCG Erewash Community Rehabilitation** Erewash Early Supportive Stroke Discharge Team **Erewash Outpatient Service** Fareham and Gosport CCG Buckinghamshire Stroke Association: Communication Support Portsmouth Hospitals Trust Early Supported Discharge (ESD) Fylde and Wyre CCG Flyde and Wyre Speech and Language Therapy (Blackpool)

Fylde and Wyre Neuro Physiotherapy Services (Blackpool) Fylde and Wyre Occupational and Physiotherapy (Blackpool)

Manchester Life After Stroke Service

Gateshead CCG

Gateshead Age UK Gateshead Carers Association Gateshead Intermediate Care Team Gateshead Nurse-lead Stokr Outpatient Service Gateshead Stroke Association Gateshead Therapy Services Gateshead Vocational Rehabilitation

Gloucestershire CCG

Gloucestershire Community Occupational Therapy Service **Gloucestershire Community Physiotherapy Service** Gloucestershire Community Speech and Language Service Gloucestershire Community Stroke Specialist Nurse Service **Gloucestershire Conversation Partner Scheme** Gloucestershire Life After Stroke Programme **Gloucestershire Peer Befriending Service** Gloucestershire Stroke Early Supported Discharge Team Great Yarmouth and Waveney CCG Great Yarmouth and Waveney ICANHO neuro rehab (Stowmarket) Great Yarmouth Stroke association support service James Paget University Hospital ESD team Greater Huddersfield CCG Calderdale and Huddersfield Stroke Early Supported Discharge Calderdale Royal Hospital Stroke Outpatient Clinic Greater Huddlersfield Community Rehab **Greater Preston CCG** Central Lancs Community Nursing Teams Lancashire Community Equipment and Resource Service Lancashire Community Neurological Services Lancashire Community Rehabilitation Lancashire Continence Service Lancashire Nutrition and Dietetics Service Lancashire Teaching Hospitals Manchester Stroke Association - Life After Stroke Service Midlands and Lancashire NHS Continuing Healthcare and NHS Funded Nursing Care Greenwich CCG Oxleas Community Service- Early Support Discharge Team Guildford and Waverley CCG Surrey Early Supported Discharge Halton CCG Halton Community Stroke Services

Halton Early Supported Discharge Service (StHK) Halton Early Supported Discharge Service (WHHFT) Manchester Stroke Association - Information, Advice and Support and Communication Support Services Hambleton, Richmondshire and Whitby CCG Hambleton and Richmondshire and Whitby Speech and Language Therapy Service South Tees Stroke Team Hammersmith and Fulham CCG Hammersmith and Fulham Community Stroke Services (ESD) Hammersmith and Fulham Stroke Association Healthwatch Stroke Project Group (Triborough Stroke Focus Group) London Specialist Commissioning Group Hardwick CCG Cavendish Hospital Outpatient and Community Physiotherapy Community Rehabilitation Team Chesterfield Royal Hospital Stroke Early Suppoted Discharge Team Clay Cross Hospital Stroke Services Co-ordinator Claycross Hospital Outpatient Physiotherapy and Occupational Therapy Services **Derbyshire Community Rehabilitation Team** Derbyshire Speech and Language Therapy Derbyshire Stroke Association - Stroke Association Information Advice and Support Dronfield Health Centre - Outreach Service Kings Mill Hospital Out-Patient Therapy North Derbyshire Stroke Support Group Nottingham Stroke Association Family and Carer Support Service Sherwood Forest Hospitals Early Supported Discharge Team Walton Hospital Speech and Language Therapy Service for North Derbyshire Haringey CCG Haringey Age UK Stroke Club Haringey Integrated Community Therapy Team (ICTT, Whittington) Homerton Stroke Rehab Beds (Graham Ward) Harrogate and Rural District CCG Harrogate Community Stroke Team Leeds Stroke Association Harrow CCG Harrow Stroke Association Hartlepool and Stockton-on-Tees CCG Hartlepool and Stockton Community Integrated Assessment Team Hartlepool Stroke Club Hartlepool Stroke Service Hastings and Rother CCG East Sussux Heathcare Trust Community Stroke Team Havering CCG Barking, Havering and Redbridge University Trust ESD Hornchurch Age Concern North East London Foundation Trust ESD

North East London Foundation Trust Inpatient Herefordshire CCG Hillside inpatient rehabilitataion unit, as part of Wye Valley NHS Trust Wye Valley Community Stroke Rehab team (Hereford) Herts Valleys CCG Hertfordshire Stroke Association Herts Valleys CCG Community Stroke/Neurological Rehabilitation Unit Herts Valleys CCG ESD Team Herts Valleys CCG Neurological Service Heywood, Middleton and Rochdale CCG Heywood, Middleton and Rochdale Early Supported Discharge Team Heywood, Middleton and Rochdale Neuro Rehabilitation High Weald Lewes Havens CCG East Sussex Stroke Association - Long Term Community Stroke Support Service High Weald Lewes Havens Community Stroke Rehabilitation Service High Weald Lewes Havens Joint Community Rehabilitation Team Hillingdon CCG Alderbourne Unit (based at Hillingdon Hospital) Hillingdon Community Rehabilitation service Horsham and Mid Sussex CCG Maidstone Communication Support Service Maidstone Family and Carer Support Service Sussex Community Neuro-rehab Team (North) Sussex Rehab Centre Sussex Stroke Rehabilitation Ward Hounslow CCG Hounslow and Richmond Community Healthcare Trust (HRCH) Community Timely Discharge Neuro Rehab Team Hull CCG Hull Integrated Community Stroke Service Ipswich and East Suffolk CCG Icanho Suffolk Suffolk Community Health Suffolk Stroke Early Supported Discharge Service Isle of Wight CCG Isle Of Wight Early discharge team Islington CCG Islington early supported discharge service Kernow CCG **Cornwall Community Stroke Service Kingston CCG** Kingston Your Healthcare CIC - Community Neuro Rehabilitation Team (CNRT) Knowslev CCG **Knowsley Communication Support Service** KNOWSLEY COMMUNITY CARDIOVASCULAR SERVICE

Knowsley Information, Advice and Support (Stroke Association) Lambeth CCG Lambeth Community Stroke Rehabilitation Team Lambeth ESD Team Lambeth Six Month Assessment Provider Lambeth Stroke Advice and Support Service Lancashire North CCG Lancashire North Community Stroke Service Leeds North CCG Leeds Community Healthcare NHS Trust Community Stroke Service Leeds South and East CCG Leeds Community Healthcare NHS Trust Community Stroke Service Leeds West CCG Leeds Community Healthcare NHS Trust Community Stroke Service Leicester City CCG Leicester Royal Infirmary, Department of Stroke Medicine Lewisham CCG Lewisham Integrated Stroke Team Lewisham Stroke Assoication Lincolnshire East CCG Lincolnshire East Assisted Discharge Stroke Service Lincolnshire West CCG Lincolnshire Early Supported Stroke Discharge Team Lincolnshire West Stroke association Family & Carer Support Workers Liverpool CCG Aintree University Hospitals ESD Team The Royal Liverpool and Broadgreen University Hospitals NHS Trust ESD Team Luton CCG Headway Luton Luton Community Assessment and Rehabilitation Team The Luton & Dunstable Hospital NHS Foundation Trust Mansfield and Ashfield CCG Sherwood Forest Hospitals NHS Foundation Trust Stroke ESD Team Sherwood Forest Hospitals NHS Foundations Trust Stroke Rehabilitation Unit Medway CCG Medway Community Healthcare Stroke Service Stroke Association family and carer support service Merton CCG Sutton and Merton Community Nerology Team Sutton and Merton Community Services Early Supported Discharge Mid Essex CCG Mid Essex Stroke Rehabilitation - Early Supported Discharge Service and Inpatient Beds Milton Keynes CCG Milton Keynes Early Stroke Rehabiliation Team - ESRT

Milton Keynes Foundation Trust Hospital Acute Stroke Unit Nene CCG Northamptonshire Community Stroke Team Northamptonshire Stroke Community Beds Newark and Sherwood CCG Sherwood Forest Hospitals NHS Foundation Trust ESD Service Sherwood Forest Hospitals NHS Foundation Trust Stroke Rehabilitation Unit **Newbury and District CCG** Berkshire Health Community Based Neurological Rehabilitation Team (CBNRT) Newbury Stroke Care Stroke Association (Reading & Wokingham) Newcastle North and East CCG Newcastle Age UK Newcastle Carers Newcastle Community Services Newcastle West CCG Newcastle Age UK Newcastle Carers Newcastle Community Services Newham CCG East London NHS Foundation Trust North and West Reading CCG Berkshire Health Community Based Neurological Rehabilitation Team (CBNRT) Stroke Association (Reading & Wokingham) North Derbyshire CCG **Bolsover Hospital Community Rehabilitation Services** Cavendish Hospital Community Rehabilitation Services (Derbyshire) Chesterfield Royal Hospital Stroke Rehabilitation Unit Chestershire Royal Hospital Stroke Early Supported Discharge Team Clay Cross Hospital Community Rehabilitation Services Derbyshire Stroke Association Information Advice & Support Dronfield Health Centre - Outreach Service East Cheshire Hospital NHS Trust Stroke Service Ilkeston Hospiotal Community Rehabilitation Services (Derbyshire) Manchester Royal Infirmary Stroke Unit (Rehabilitation) North Derbyshire Stroke Support Group Salford Royal Hospital NHS Foundation Trust Stroke Unit (Rehabilitation) Stepping Hill Hospital Stroke Service Stroke Services Coordinator University Hospital of South Manchester Stroke Rehabilitation Unit Walton Hospital Community Rehabilitation Services North Durham CCG Derwentside Community rehabilitation team Durham and Chester-le-Street Community Rehabilitation Team

Gateshead Stroke Assocation - Information, advice and support service, aphysia support North East Essex CCG Anglian Community Enterprise (ACE) 6 Month Assessment Team Anglian Community Enterprise (ACE) Clacton Hospital - Kate Grant Ward Anglian Community Enterprise (ACE) Community Rehabilitation Service Clacton & Tendring Anglian Community Enterprise (ACE) NE Essex Early Supported Discharge Team Colchester Hospital (CHUFT) 6 Month Assessment Team Colchester Hospital (CHUFT) Community Team Colchester Neuro Rehabilitation North East Hampshire and Farnham CCG Frimley Park Hospital Integrated Stroke Service Stroke Association Communication Support North East Lincolnshire CCG North East Lincs Communication Support Service North East Lincs ESD Service North East Lincs Information, Advice & Support Service The Beacon Rehab Unit (Cleethorpes) North Hampshire CCG Basingstoke Stroke Association (Hampshire) Hampshire Hospital NHS Foundation Trust Stroke Team Hampshire Hospitals NHS FT Early Supported discharge team North Kirklees CCG Kirklees Community Rehabilitation Team Kirklees Early Supported Discharge Team Kirklees Reablement Service Kirklees Stoke Information, advice and support service Mid Yorkshire Hospitals Trust Speech and Language Team North Lincolnshire CCG N Lincolnshire Stroke Team including N Lincolnshire Community Rehabilitation Team North Manchester CCG North Manchester Community Stroke Rehabilitation Team North Norfolk CCG Norfolk Community Health and Care NHS Trust North Somerset CCG **Clevedon Community Hospital** North Staffordshire CCG North Staffordshire Family & Carer Support Service Staffordshire Community Stroke Service North Tyneside CCG Northmbria Healthcare NHS Trust Specialist Stroke Service North West Surrey CCG North West Surry Early Supported Discharge Team (Chertsey) Northern, Eastern and Western Devon CCG NEW Devon Eastern Locality: ESD (Exeter, Woodbury, Exmouth and Budleigh) NEW Devon Eastern Locality: Inpatient Rehabilitation Beds (Ottery St Mary)

NEW Devon Eastern Locality: Peer Support NEW Devon Northern Locality: Bideford Community Hospital (NDHT) NEW Devon Northern Locality: North Devon Stroke ESD Team NEW Devon Northern Locality: Peer Support NEW Devon Western Locality: Mount Gould Stroke Rehabilitation Unit NEW Devon Western Locality: ESD NEW Devon Western Locality: Peer Support NEW Devon Western Locality: Stroke Follow Up and Review Service Northumberland CCG Northumbria Healthcare Foundation Trust Norwich CCG Norfolk Community Health and Care NHS Trust Nottingham City CCG Nottingham City Community Stroke Discharge and rehabilitation team Nottingham City Stroke Association information advice and support service Nottingham North and East CCG Nottingham City Hospital Inpatient Rehab Nottingham Early Supported Discharge Nottingham Information and Advice Service Nottingham North and East Community Rehab Stroke Ability Nottingham Nottingham West CCG Nottingham City Hospital Inpatient Rehab Nottingham Community Rehabilitation (Stapleford) Nottingham Information Advice and Support Service Nottingham Stroke ESD Oldham CCG Oldham ESD and stroke rehab **Oxfordshire CCG** Abingdon stroke rehab unit Horton rehab unit Oxford City and NE Locaility Stroke ESD Oxford Community Stroke review service South East Oxon ESD Southampton Stroke association communication support service Witney stroke rehab unit Portsmouth CCG Buckinghamshire Stroke Association: Communication Support Portsmouth Hospitals Trust Early Supported Discharge (ESD) Redbridge CCG North East London Foundation Trust Community Stroke Rehab Redditch and Bromsgrove CCG Bromsgrove Stroke Association (Worcestershire) Worcestershire Community Stroke Service

Worcestershire County wide ESD Service via the Community Stroke Service Richmond CCG Richmond Community Neuro rehab (Hounslow and Richmond) Richmond Community neuro rehab ESD (Hounslow and Richmond) Teddington Memorial Hospital Inpatients (mild stroke) Rotherham CCG Rotherham Integrated Stroke and TIA Service **Rotherham Stroke Association** Rushcliffe CCG Nottingham Stroke Association Rushcliffe Community Rehab Rushcliffe Early Supported Discharge Rushcliffe Stroke Ability (Nottingham) Salford CCG Salford Community Neuro Rehab Service Salford Community Stroke Service Sandwell and West Birmingham CCG Bromsgrove Stroke Association - Long Term Care and Support Moseley Hall Inpatient Rehabilitation Sandwell and West Birmingham Early Supported Discharge Team Sandwell and West Birmingham Inpatient Rehabilitation Sandwell and West Birmingham Integrated Care Service Scarborough and Ryedale CCG Scarborough Speech and Language Therapy Scarborough Stroke Rehabilitation Service Sheffield CCG Beech Hill intermediate care stroke beds Sheffield Active Recovery Sheffield Assessment and Rehabilitation Centre Sheffield Psychology service Sheffield Speech and Language Therapy (Conversation Partners) Sheffield Stroke association Shropshire CCG Shrewsbury and Telford Hospital Early Supported Discharge Service Shropshire Community Neuro Rehab Team Shropshire Headway Shropshire Stroke Association Worker Slough CCG Berkshire Health Foundation Trust (BHFT) - Stroke Heatherwood and Wexham Park Hospitals NHS Foundation Trust - Stroke Slough RRR (Reablement, Rehabilitation and Recovery) Solihull CCG Heart of England FT Stroke Team Somerset CCG

Somerset Early Supported Discharge Service South Cheshire CCG South Cheshire and Vale Royal Specialist Community Stroke Rehabilitation Team South Devon and Torbay CCG **Exeter Stroke Association** South Devon Healthcare Acute Stroke Team Torbay and Southern Devon Health & Care community hospital and ESD service South East Staffordshire and Seisdon Peninsula CCG Bromsgrove Stroke Association - Stroke and Family Support Burton Community Trust - Samuel Johnson Hospital New Cross Hospital Community Stroke Team (Wolverhampton) Staffordshire and Stoke on Trent Specialist Stroke Nurses & Community Rehabilitation Team West Park Rehabilitation South Eastern Hampshire CCG Buckinghamshire Stroke Association: Communication Support Portsmouth Hospitals Trust Early Supported Discharge (ESD) South Gloucestershire CCG North Bristol NHS Trust South Gloucestershire Sirona Community Health University Hospitals Bristol NHS Foundation Trust South Kent Coast CCG Dover / Deal 6 Month Assessment Team Dover / Deal Community Stroke Rehab Service Dover / Deal Early Supported Discharge Team Shepway 6 Month Assessment Team Shepway Community Stroke Rehab Service Shepway Early Supported Discharge Team South Lincolnshire CCG Lincolnshire Assisted Discharge Stroke Service South Manchester CCG University Hospitals of South Manchester ESD Service (SMCCG Patients) South Norfolk CCG Norfolk Community Health and Care NHS Trust South Reading CCG Berkshire Health Community Based Neurological. Rehabilitation Team (CBNRT) Stroke Association (Reading & Wokingham) South Sefton CCG Aintree Hospital Stroke/Neuro Rehabilitation Team South Tees CCG Middlesbrough Stroke Activity Group Momentum Skills North East South Tees Community Rehab South Tees Hospitals Inpatient CareSouth Tees NHS FT Outpatients South Tyneside CCG

Carers Association South Tyneside (CAST) Gateshead Stroke Association - South Tyneside South Tyneside Discharge and Intermediate Care Teams South Tyneside Occupational Therapy South Tyneside Physiotherapy - Stroke Service South Warwickshire CCG Feldon Ward Community Stroke Unit South Warwickshire Community Emergemncy Response Team South Warwickshire Integrated Health Team's South Warwickshire Stroke Community Rehab Ward Worcester Community Stroke Team South West Lincolnshire CCG South West Lincolnshire Community Stroke Discharge Service South Worcestershire CCG **Bromsgrove Stroke Association** Worcestershire Community Stroke Services (South) Worcestershire County wide ESD Service Southampton CCG Southamton Community Stroke (part of Solent Neurological Rehabilitation Services) Southend CCG South East Essex Community Stroke Service South East Essex ESD Team Southend Stroke Outpatient, community rehab and physio team Southern Derbyshire CCG Amber Valley Early Supported Stroke Discharge Team Amber Valley Integrated Community Rehab and Intermediate care teams Derby City Community therapy and Intermediate care teams Derby City Early supported stroke discharge team Derby Neuro out patient service **Derby Stroke Rehabilitation Unit Ripley Neuro out patients** Royal Derby Hospital Clinical Neuropsychology South Dales and South Derbyshire Integrated Community rehab and Intermediate care teams South Derbyshire and South Dales Community specialist OT South Derbyshire and South Dales Early Supported Stroke Discharge South Derbyshire and South Dales Neuro out patients Southern Derbyshire Communication Support service Southern Derbyshire Community Speech and Language Therapy Southern Derbyshire Stroke Coordinator Southport and Formby CCG Southport and Ormskirk Stroke/Neuro Rehabilitation Southwark CCG Southwark 6 month assessment Southwark Community Stroke Rehab Team

Southwark ESD Team

St Helens CCG halton Early Supported Discharge Team St Helens 6 Month Assessment St Helens Advice to People with Disabilities Service St Helens Carer Services St Helens Comm support Service and Stroke Information, Advice and Support Services St Helens Counselling and Befriending Service St Helens Counselling Service St Helens Early Supported Discharge for Stroke St Helens Hospice End of Life Services and Lymphoedema Service St Helens Hospice Services Willowbrook St Helens Intermediate Care St Helens Senior Voice Service St Helens Specialist Early Intervention and Prevention Service St Helens Stroke Support Health Improvement Team council commissioned St Helens Support to Achieve Better Health and Wellbeing Service Stafford and Surrounds CCG Stafford and Cannock community Stroke Service Stockport CCG Manchester Stroke Association Stockport Adult Community Therapy Team Stoke on Trent CCG Staffordshire Community Stroke Service Stoke on Trent Communication Plus Service (Bromsgrove) Stoke on Trent Life After Stroke Programme (Bromsgrove) Sunderland CCG Sunderland Community Stroke Rehab Team Surrey Downs CCG Central Surrey Health Community Neuro Rehab Service Surrey Heath CCG Frimley Park Hospital Stroke Rehabilitation Surrey Heath VLC Ltd Community Rehabilitation Surrey Strpke Support Worker Sutton CCG Sutton and Merton Early Supported Discharge Team Swale CCG Maidstone Stroke Association Family and Carer Support Service Medway Community Healthcare Stroke Service Swindon CCG SEQOL Community Stroke Team, Swindon Stroke Association. Swindon Swindon Intermediate Care Centre (SwICC) Swindon LIFT Psychology service

Tameside and Glossop CCG Tameside and Glossop Community Neuro Rehab Team Tameside and Glossop Stroke Association FSW Telford and Wrekin CCG Shropshire Early Supported Discharge team Telford and Wrekin Enablement Service Thanet CCG Thanet 6 month assessment team (C335) Thanet Community Stroke Rehab Service (C345) Thanet Early Supported Discharge Team (C235) Thurrock CCG South West Essex Stroke Hub Team, NELFT **Tower Hamlets CCG** Tower Hamlets Community Stroke Rehabilitation Service Trafford CCG Trafford Community Neuro Rehab team (Pennine Care) Trafford ESD team (CMFT) Trafford ESD team (UHSM) Vale of York CCG York Hospital Community Stroke Discharge Team Vale Royal CCG South Cheshire and Vale Royal Specialist Stroke Community Rehabilitation Team Wakefield CCG Wakefield Clinical Psychology Wakefield Health and Wellbeing Development Team Wakefield MY Therapy Community Rehabilitation Service Wakefield Speech and Language Therapy Wakefield Stroke Support Service Walsall CCG Walsall Healthcare Trust Stroke Services Waltham Forest CCG Waltham Forest Community Stroke Team Wandsworth CCG St Georges Hospital Therapy Team Wandsworth Communication Support Service Wandsworth Community Neuro Rehab Team Wandsworth Stroke Association Warrington CCG Warrington ESD Team Warrington Stoke Association Warwickshire North CCG Warwickshire North Stroke Outreach West Cheshire CCG Chester Stroke Association - 6 month reviews

Countess of Chester Hospital Stroke ESD Manchester Stroke Association - Communication Suport Manchester Stroke Association - Information and Advice Service West Essex CCG West Essex - Homerton outreach West Essex stroke rehabilitation - South Essex Partnership Trust West Hampshire CCG Christchurch Hospital Stroke Rehabilitation Unit Hampshire Hospitals Speech and Language Therapy service Hampshire Hospitals Winchester Re-ablement Team Hampshire Stroke Association Communication Support (Southampton) Lymington Hospital Stroke Rehabilitation Unit Solent Community Neurological Team (CNT) Solent Community Stroke Team Southern Health Community Care Teams Southern Health Community Stroke Team Southern Health Rehabilitation Psychology Service Twyford Stroke Unit Winchester ESD Team West Kent CCG Maidstone & Tunbridge Wells NHS Trust West Lancashire CCG Lancashire Care Healthy Lifestyles Team Southport & Ormskirk Community Neuro Rehab Team Southport & Ormskirk Outpatients Southport & Ormskirk Post Acute Inpatient Team Southport & Ormskirk Stroke Association Support West Leicestershire CCG Leicester Community Stroke Rehabilition (beds) Leicester Partnership Trust - Domiciliary Therapy University Hospitals of Leicester ESD Team West London CCG Albany Rehabilitation Unit Central London Dysphasia / Peer Support Service Healthwatch Stroke Project Group (Triborough Stroke Focus Group) Kensington and Chelsea Community Stroke Services London Specialist Commissioning Group Wales

Abertawe Bro Morgannwg Health Board ABMUHB dietetics service ABMUHB Stroke Association family support service Bridgend domicilary service Bridgend 6 month review team Bridgend Community resource team

West London Stroke Exercise (Portobello Green) West Norfolk CCG Norfolk Community Health and Care (NCH&C) Adult Speach and Language Therapy Norfolk Community Health and Care (NCH&C) Rehabilitation Service (Physiotherapy and OT) Norfolk Community Health and Care (NCH&C) Specialist Community Neurological Nurse Queen Elizabeth Hospital Intensive Rehabilitation Team (King's Lynn) West Suffolk CCG Icanho Suffolk Suffolk Community Health Suffolk Early Supported Discharge Service Wigan Borough CCG Wigan Community Stroke Services Wiltshire CCG Wiltshire Stroke Co-ordinator (Swindon) Windsor, Ascot and Maidenhead CCG Berkshire Healthcare FT Early Supported Discharge Team Berkshire Healthcare FT Neurological Rehabilitation Berkshire Healthcare FT Neuropsychology Berkshire Healthcare FT Rehabilitation beds Berkshire Healthcare FT Speech and Language Therapy Royal Borough of Windsor and Maidenhead Stroke Coordinator Wirral CCG Wirral ESD Service Wirral Information, Advice and Support Service Wirral Neuropsychology Service Wokingham CCG Berkshire Health Community Based Neurological Rehabilitation Team (CBNRT) Reading & Wokingham Stroke Association Wolverhampton City CCG Royal Wolverhampton Community Rehabilitation Royal Wolverhampton Early Supported Discharge Team Royal Wolverhampton Inpatient Rehabilitation Wyre Forest CCG Bromsgrove Stroke Association Worcestershire Community Stroke Service (North) Worcestershire County Wde ESD Service

Bridgend inpatient rehabilitation setting Bridgend Locality outpatient setting Bridgend Physiotherapy outpatient department Neath Port Talbot Comunity Intergrated Intermediate Services Team Neath Port Talbot Domiciliary Service Neath Port Talbot Hospital

Neath Port Talbot outpatients settting Neath Port Talbot physiotherapy department Neath Port Talbot Speech and Language therapy outpatients Powys Reablement Team Singleton Hospital swansea locality rehabilitation ward Swansea Community Resource Team Swansea Domiciliary Team Swansea locality 6 Months follow up team Swansea locality neurorehabilitation physio outpatients Swansea Locality outpatients setting Swansea ocupational therapy service Swansea Speech and language Outpatients department Swansea Stroke Club

Aneurin Bevan Health Board

Aneurin Bevan UHB Clinical Psychology Aneurin Bevan UHB Community Neurological Rehabilitation Service Aneurin Bevan UHB Neuro-physiotherapy Outpatient Service (6 Sites) Aneurin Bevan UHB Speech and Language Therapy Outpatient Service Aneurin Beven UHB Community Reablement Team Chepstow Community Hospital, Caerwent Rehab Ward Chepstow Community Hospital, Caerwent Rehab Ward Chepstow Community Hospital, Stroke Prevention Clinic County Hospital, Cedar Ward, Community stroke rehab ward Nevill Hall Hospital Rapid Access TIA Clinic Nevill Hall Hospital, 1/2 Gilwern ward, Stroke Unit Nevill Hall Hospital, Stroke Follow up Clinic St Woolos Hospital Ruperra Ward Community Rehab St Woolos Rapid Access TIA Clinic

Northern Ireland

Belfast Local Commissioning Group Belfast Trust Community Stroke Team Northern Local Commissioning Group Mid Ulster Hospital Northern Health and social Care Trust Community Stroke Teams Whiteabbey Hospital South Eastern Local Commissioning Group South Eastern Community Stroke Team Southern Local Commissioning Group Lurgan Hospital South Tyrone Hospital (Loane House) Southern LCG Community Stroke / ESD Teams (3 teams) Western Local Commissioning Group Tyrone County Hospital Western Trust Community Rehab Stroke (South) Western Trust Community Rehab Stroke Team (North)

St Woolos Stroke Prevention Clinic Stroke Association Cymru Stroke Educaion Programme (Torfaen only) Ysbyty Aneurin Bevan, Tyleri Ward, Stroke Rehab Ward Ysbyty Ystrad Fawr; Bargoed Ward, Community Stroke Rehab Ward **Cardiff and Vale Health Board** Cardiff & Vale ESD team **Cardiff and Vale University Health Board** Cardiff and Vale University Health Board Carers support Patient Experience Cardiff North & West Locality Cardiff South & East Locality Cardiff Stroke Association Vale of Glamorgan Locality **Cwm Taf Health Board** Cwm Taf Clinical Psychology Cwm Taf ESD Cwm Taf Occupational therapy Cwm Taf Physiotherapy Cwm Taf SALT Cwm Taf Stroke Care Nursing Team Rhondda Cynon Taf Reablement Team Stroke Association Service for Cwm Taf Hywel Dda Health Board Hywel Dda Stroke Services **Powys Health Board Brecon Hospital** Newtown Hospital