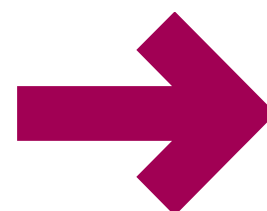




Yorkshire and Humber Strategic Clinical Network for Acute and Chronic Neurological Conditions (YHSCN ACNC)

Neuro Rehab Mapping Exercise Report

01/03/2015



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1. Introduction

The commissioning and provision of Neuro rehabilitation nationally is inequitable, often poorly resourced and seen as an easy target for cutbacks when financial restraints are tightened (Neurology Alliance). As such rehabilitation in general is seen as an area of NHS concern and one where much improvement and investment is needed. It has been highlighted as a National priority by the NHS England National Clinical Director for acute and chronic neurological conditions, Dr David Bateman.

The Yorkshire and Humber SCN recognises the need to raise standards of rehabilitation across the region and reduce the variation in service provision in order to improve outcomes for patients experiencing neurological problems. The SCN has prioritising neuro rehab in line with the national drive and is working closely with the national neurology rehab team to develop best practice models of care. Local service providers also raised the issue of limited access to neuro-rehabilitation in feedback from the YH SCN Stakeholder event held in September 2013.

It was agreed at the meeting of the YH SCN neuro rehab strategy group held on the 20th November 2014 to undertake a mapping exercise to identify what neuro rehab services exist in the region and what cohort of patients they serve.

It was agreed that the mapping exercise should focus on the following patient groups-

- a) In-patient,
- b) Out-patient
- c) Community neuro rehab services

The strategy group agreed to the following inclusion criteria: (to investigate provision for the following neurology related services)

1. Neuro rehab **including** stroke,
2. Neuro rehab **excluding** stroke,
3. Stroke only
4. Neuro rehab including non-neurological conditions.

1.1 Timelines

The mapping exercise ran between 20th November and 19th December 2014. This is a report on initial findings of the exercise. We are aware there are gaps due to the limitations in terms of time and the reach of this exercise, we continue to add to the mapping as and when we learn of more services, we urge everyone to continue to inform the YH SCN team of other services not captured so far. The on-line mapping questionnaire will remain 'live' and additions encouraged going forward.

1.2 Methodology

Participants identified through the neuro-rehab strategy group were asked to complete the mapping questionnaire; a separate questionnaire would be filled out for different services e.g. service managers who cover more than one neuro-rehab service would complete a questionnaire for all provision falling into the four categories listed in the introduction.

2. Findings

To date there has been 58 responses received

The following are some of the headline findings from the exercise; the full set of data is available as an excel spreadsheet and will be shared with the YH SCN Neuro rehab strategy group members.

2.1 Commissioning

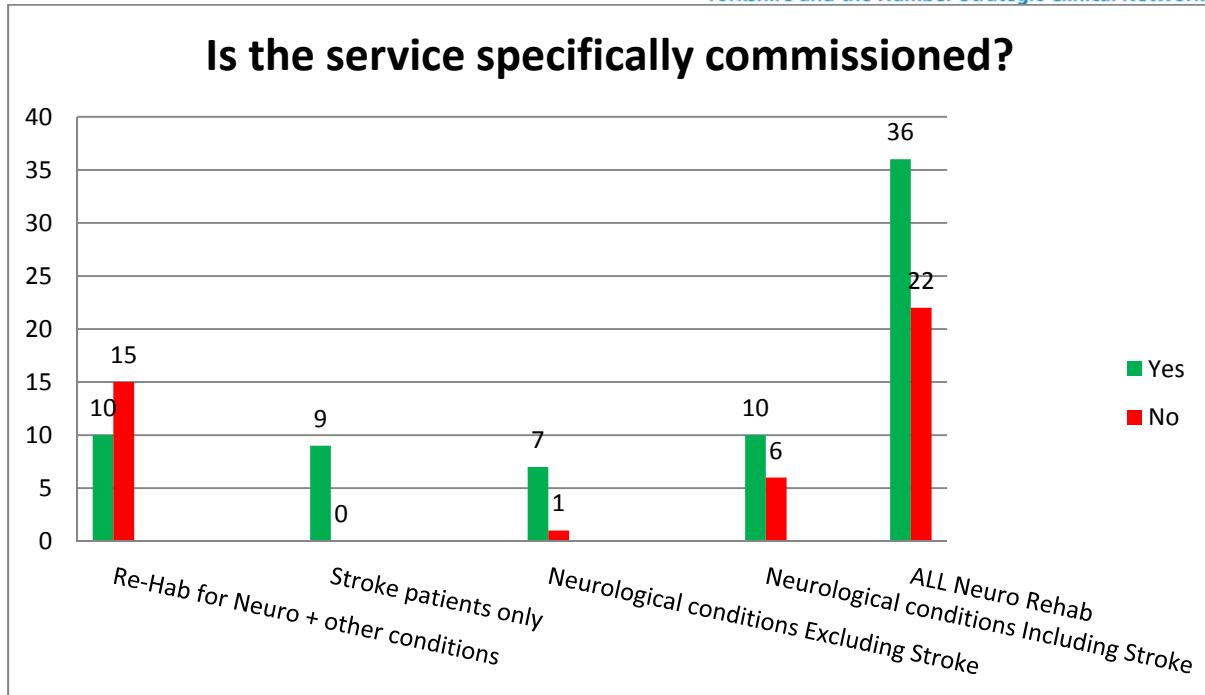
The strategy group members were keen to ask a question about specific commissioning of the neuro rehab services provided as it is felt that often neuro rehab is delivered 'in kind' or as an add on to a general rehabilitation unit's services. When we asked 'Is your service specifically commissioned?'

- 36 (62%) answered Yes
- 22 (38%) said No

When we analyse this further by type of service we see there are:

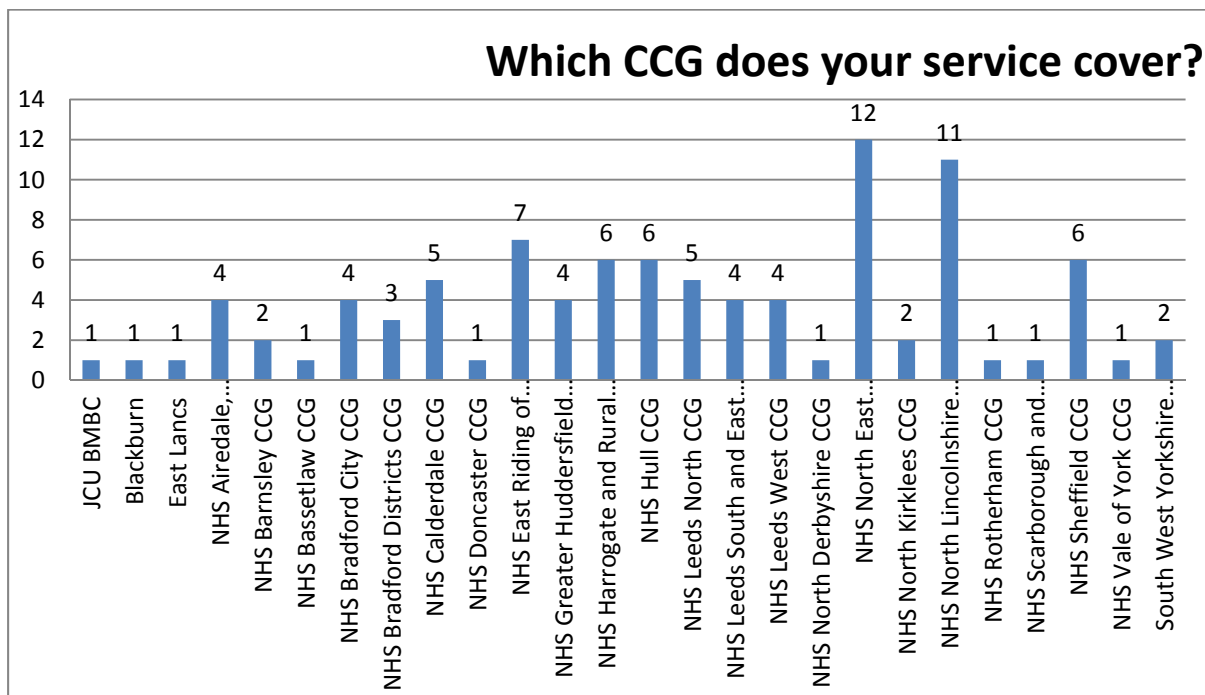
- 25 services for neuro rehab including non-neurological conditions (10/ 40% commissioned)
- 16 service for neuro rehab including stroke patients (10/62% are Commissioned)
- 8 services for neuro rehab excluding stroke patients (7/ 87% Commissioned)
- 9 service for stroke patients only (9/ 100% commissioned)

Neuro rehab services provided for stroke **only** patients are 100% commissioned (9 services) whilst those services that include other non-neurological conditions show only 40% (10/25) are reported to be 'specifically commissioned'



2.2 Clinic Commissioning Group coverage

We asked which CCG area/s does your neuro rehab service cover and most of the CCG in the Yorkshire and Humber patch are covered in the interim findings. Providers were asked to select from a CCG list to indicate which CCG/CCG's they cover and were able to select multiples. Also represented in the results are 1 local authority (Barnsley), 1 partnership foundation trust South West Yorkshire partnership Foundation Trust SWYFT and 2 CCG's outside of the YH geography (East Lancashire CCG and Blackburn with Darwin CCG))



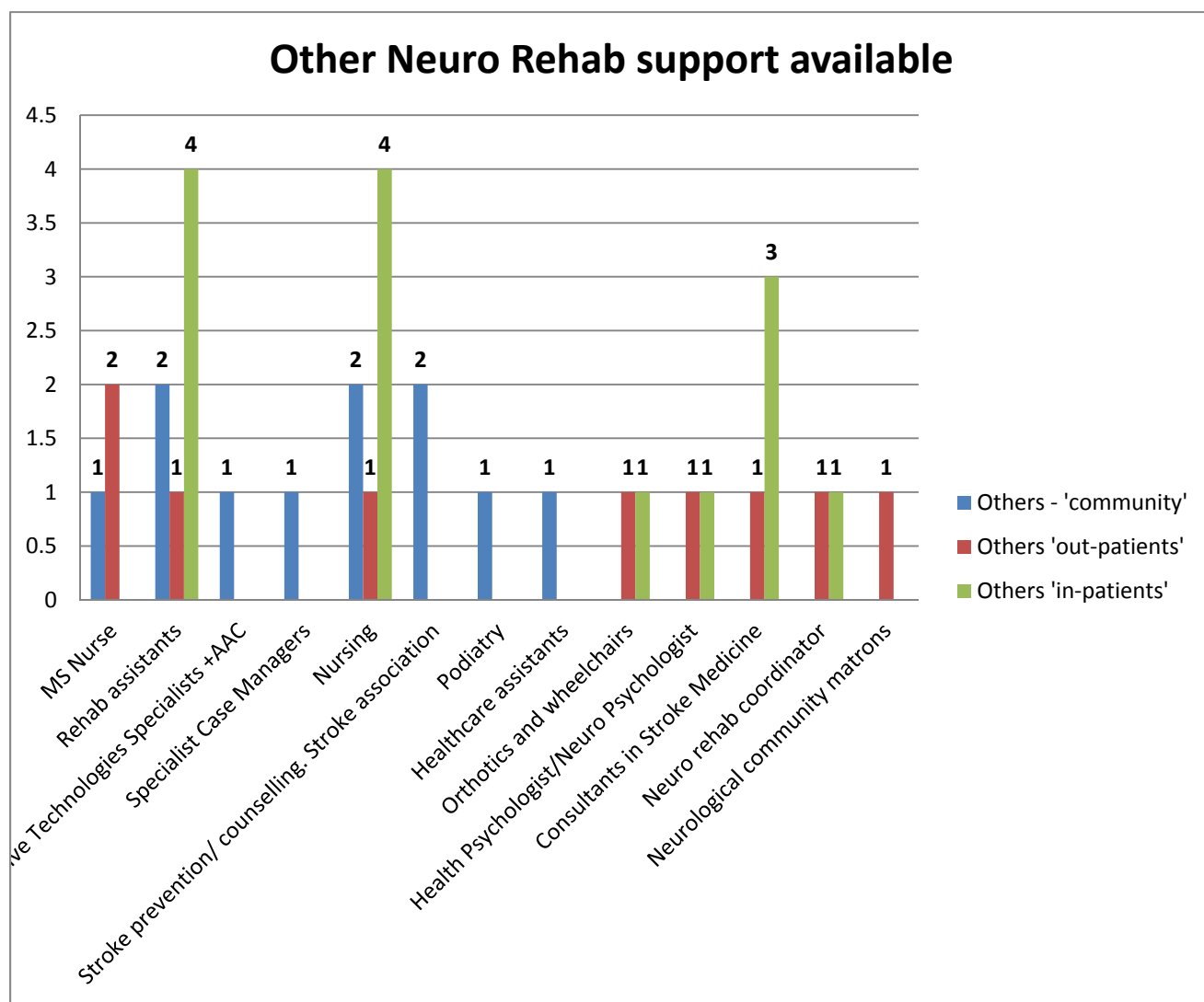
To date we have not received anything from providers covering Wakefield CCG and Hardwick CCG geographies. Further investigations are underway to understand those gaps. The data shows very positive activity to the East side of the YH area, with 51% (29/57) of the neuro rehab services covering NHS North East Lincolnshire and NHS North Lincolnshire and NHS Hull CCG's. Some of this is due to strong existing links to the providers and CCG's in the East of the patch built up through the strategy group chair in his SCN Clinical Lead role and as a rehab specialist himself and the SCN quality Improvement Manager when setting up the Neuro SCN.

2.3 Neuro rehab professionals

The strategy group wanted the mapping to give a broad picture of the different re-hab speciality's available within each neuro rehab service. The following table gives the results per speciality and broken into the 3 categories of In-Patient, Out- Patient and Community. This is not a count of numbers of staff available in each team/service it is just an indication of where the listed speciality is available within the rehab service.

	In Patient	Out Patient	Community
Consultant	17	13	7
SALT	28	13	20
Dietician	30	11	16
Physiotherapy	30	23	26
Clinical Psychologist	16	8	9
OT	29	16	26
Social Worker	16	2	8
Other	6	1	8

The table below shows the professions listed as 'other'. The table highlights the use of rehab assistants, nurses in particular and highlights some cross over with stroke with particular In-patient support from Consultants in Stroke medicine.



2.4 Availability of Neuro rehabilitation specialist by type of service and by clinical commissioning group cluster

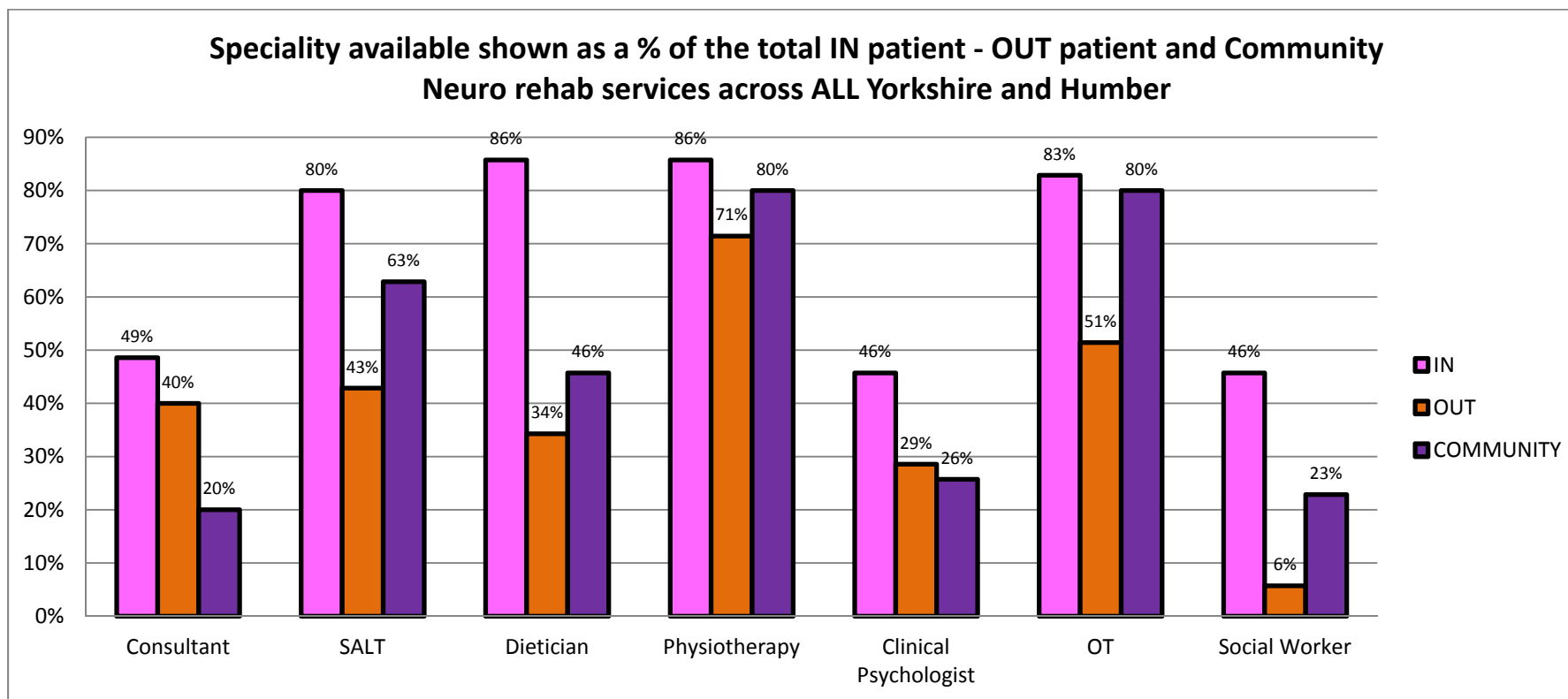
The following tables illustrate the type of rehabilitation specialist available (NOT numbers of staff available) in neuro rehab services specific to the 3 historic Clusters of commissioning groups across the Yorkshire and Humber Region – these are:

- 1) **10CC** - covering the West Yorkshire patch – (NHS Airedale, Wharfedale and Craven CCG, NHS Bradford City CCG, NHS Bradford Districts CCG, NHS Calderdale CCG, NHS Greater Huddersfield CCG, NHS Leeds North CCG, NHS Leeds South and East CCG, NHS Leeds West CCG, NHS North Kirklees CCG, NHS Wakefield CCG)
- 2) **SYCOM** - covering the South of the patch – (NHS Barnsley CCG, NHS Bassetlaw CCG, NHS Doncaster CCG, NHS Hardwick CCG, NHS North Derbyshire CCG, NHS Rotherham CCG, NHS Sheffield CCG)
- 3) **HNY Collaborative** - covering the East of the patch – (NHS East Riding of Yorkshire CCG, NHS Harrogate and Rural District CCG, NHS Hull CCG, NHS North East Lincolnshire CCG, NHS North Lincolnshire CCG, NHS Scarborough and Ryedale CCG, NHS Vale of York CCG)

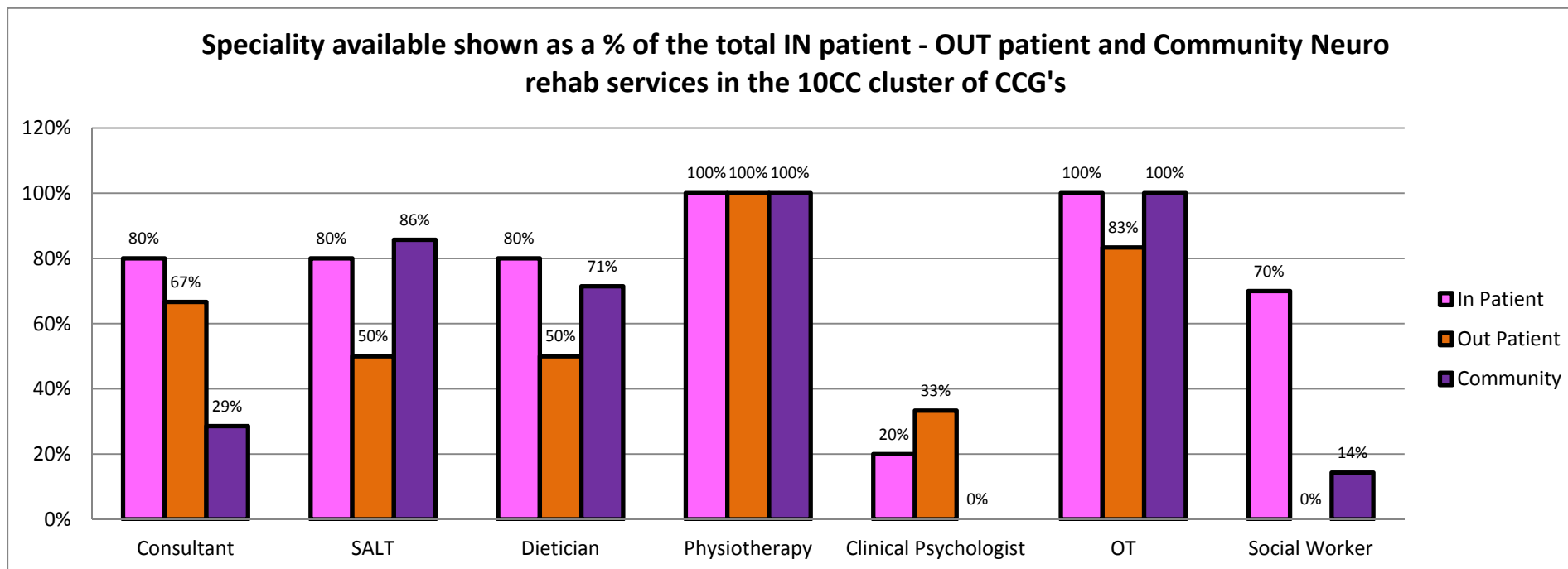
Table 1. Indicates the numbers of IN patient – OUT patient and Community rehab services in the 3 commissioning group clusters and the total across all 3

	10 CC	SYCOM	HNY Collaborative	Total
In Patients	10	6	19	35
Out Patients	6	8	19	33
Community	7	9	18	34

The availability of each speciality is shown as a percentage of the total number of services available across Yorkshire and the Humber e.g. there are 35 IN patient neuro rehab services in the YH SCN patch 17 of those 35 have availability of a consultant in neuro rehabilitation medicine therefore 49% of those services have availability of a consultant.

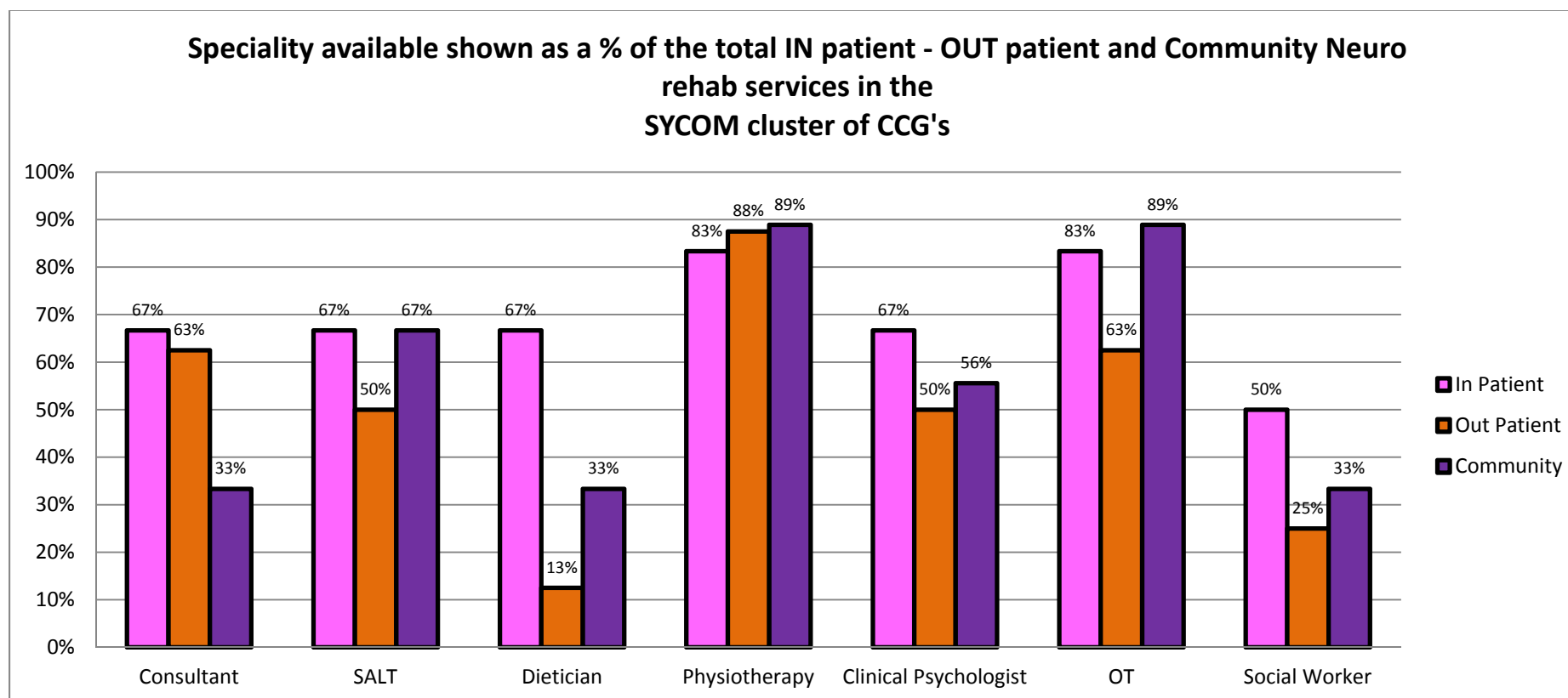


The availability of each speciality is shown as a percentage of the total number of services available in the cluster e.g. there are 10 IN patient neuro rehab services in the 10CC patch 8 of those 10 have availability of a consultant in neuro rehabilitation medicine therefore 80% of those services have availability of a consultant.



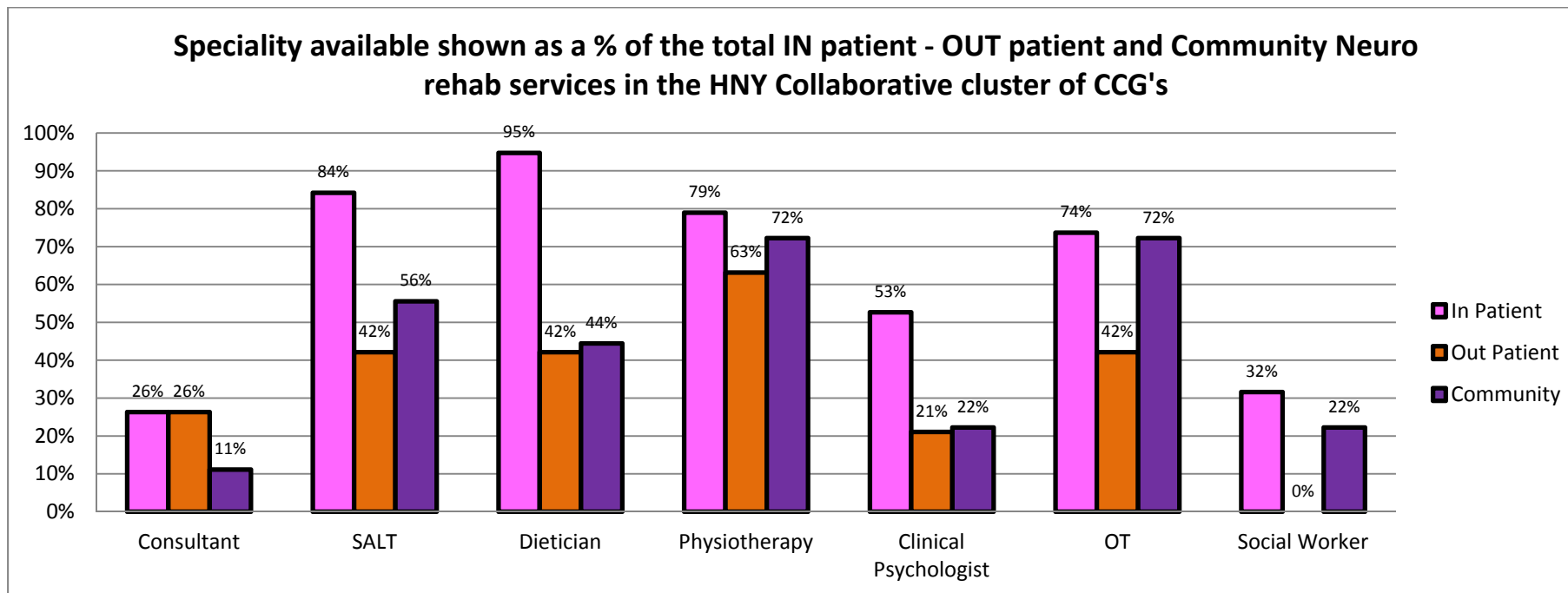
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The availability of each speciality is shown as a percentage of the total number of services available in the cluster e.g. there are 6 IN patient neuro rehab services in the SYCOM patch 4 of those 6 have availability of a consultant in neuro rehabilitation medicine therefore 67% of those services have availability of a consultant.



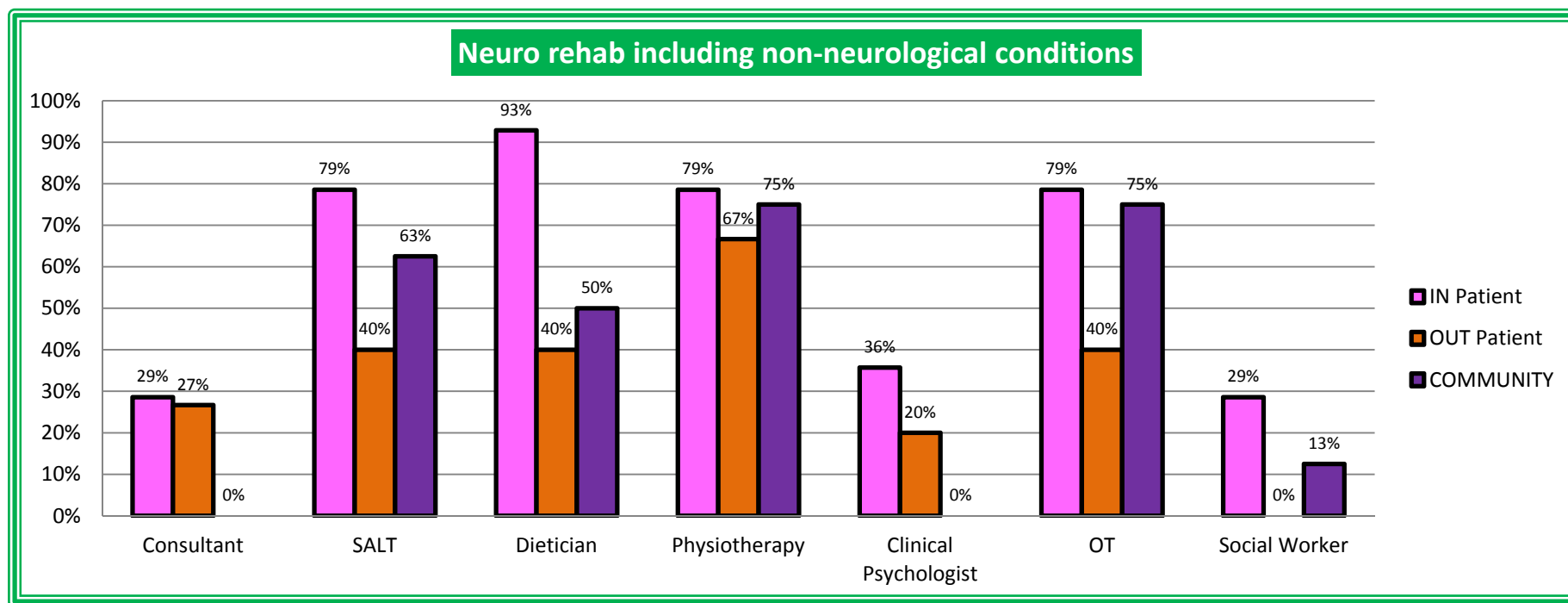
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The availability of each speciality is shown as a percentage of the total number of services available in the cluster e.g. there are 19 IN patient neuro rehab services in the HNY Collaborative patch 5 of those 19 have availability of a consultant in neuro rehabilitation medicine therefore 26% of those services have availability of a consultant.

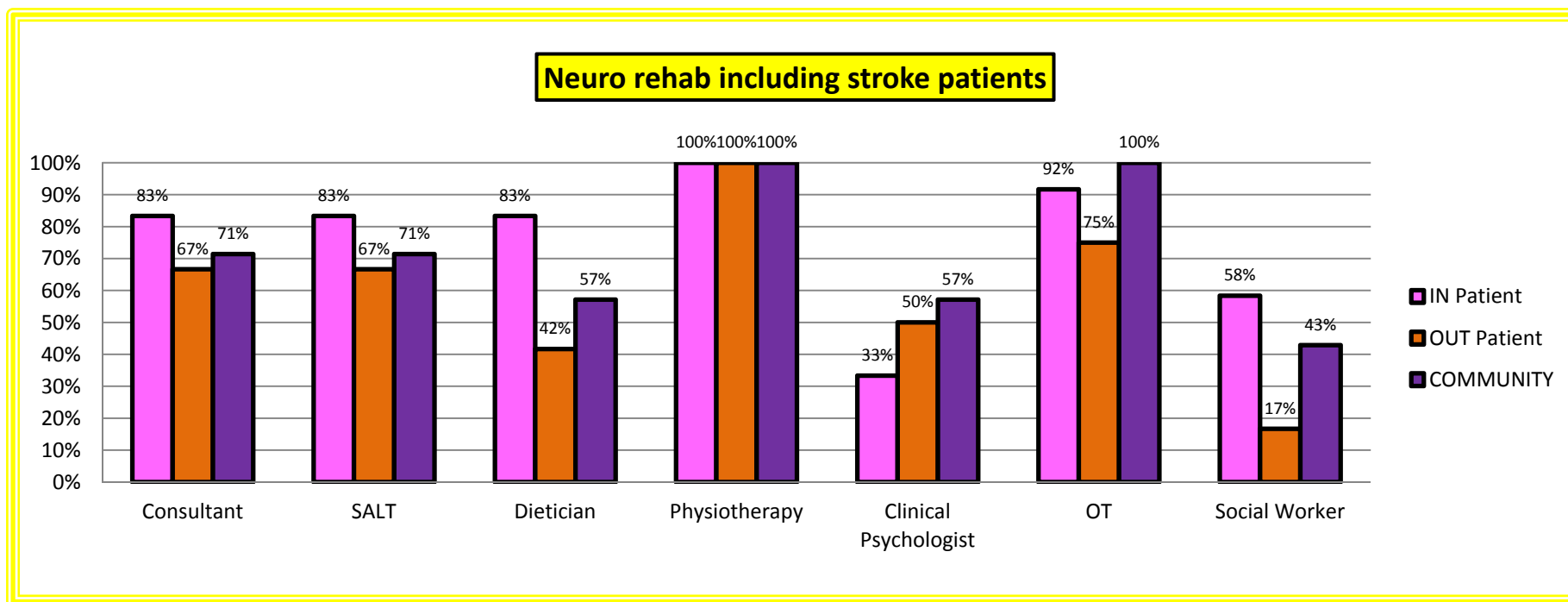


2.5 Availability of Neuro rehabilitation specialist by type of service and where delivered

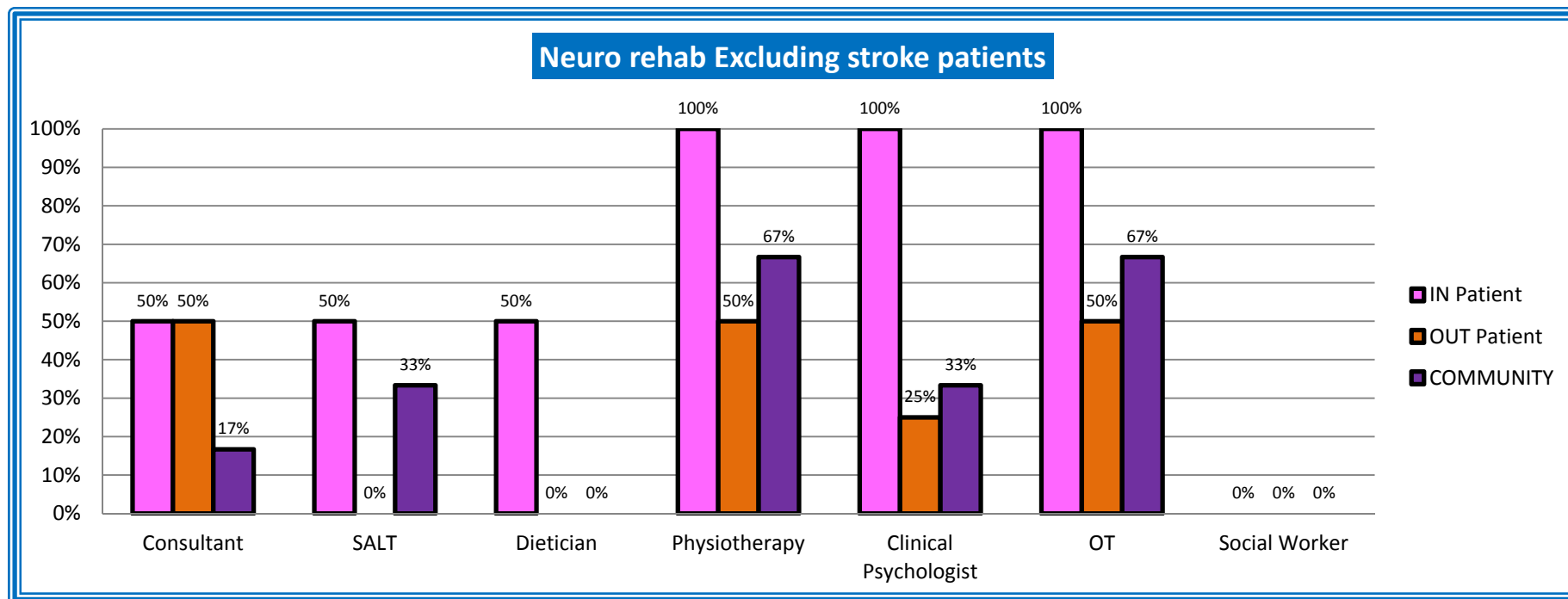
In the mapping exercise 14 IN patient **Neuro rehab including non-neurological conditions** services were counted 4 of those 14 have availability of a consultant in neuro rehabilitation medicine therefore 29% of those services have availability of a consultant.



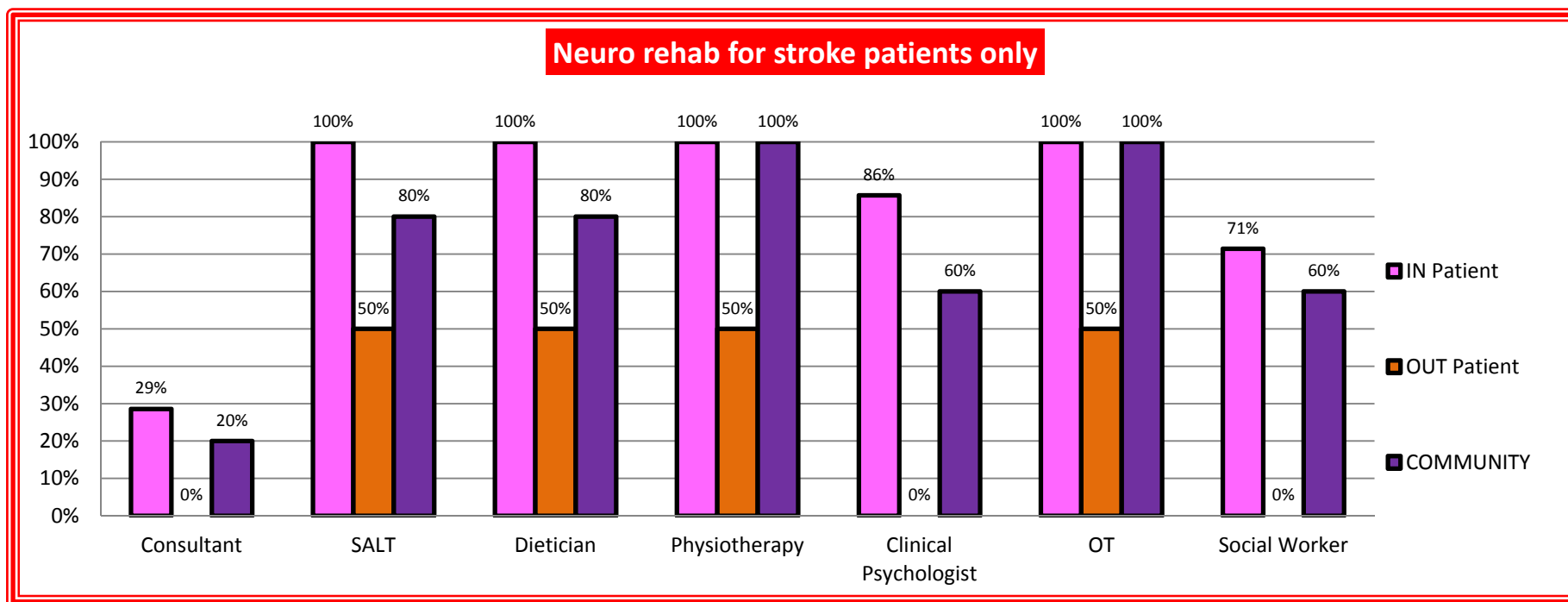
In the mapping exercise 12 OUT patient **Neuro rehab including stroke patients** services were counted ALL 12 have availability of physiotherapy therefore 100% of those services have availability of physiotherapy.



In the mapping exercise 6 COMMUNITY **Neuro rehab Excluding stroke patients** services were counted 4 out of those 6 have availability of Occupational Therapy (OT) therefore 67% of those services have availability of OT.







In the mapping exercise 7 IN patients **Neuro rehab for stroke patients only** services were counted 6 out of those 7 have availability of Clinical Psychology therefore 86% of those services have availability of Clinical Psychology.



3. Interactive maps

To illustrate where neuro rehab services are we have produced a number of interactive maps that can be shared with colleagues and also made available on the YH SCN website if required. The maps give a good illustration of the location of neuro rehab services across the geographical patch the YH SCN covers.



The maps can be viewed in different layers showing the view of ALL services and/or a view of any one of the 4 different types of service we asked about at question 1.5

Yes - we only provide services to patients with neurological conditions Excluding Stroke	
Yes - we only provide services to patients with neurological conditions Including Stroke	
Yes - but we only provide the service for stroke patients	
No - We also provide Re-Hab for other non-neurological conditions	

On the maps each service is highlighted by a colour coded flag, when clicking the flag information about the neuro rehab service is revealed in a window.

The mapping questionnaire will be kept open and additions made to the maps as and when we learn about other neuro rehabilitation services going forward.

We have also produced a second set of 'Commissioning' maps to help to illustrate which neuro rehab services are/are not specifically

commissioned. These maps relate to Q1.6 on the mapping questionnaire, a  Red flag = not commissioned,  Green flag = commissioned

4. Conclusions and Next Steps

The initial findings from this mapping exercise indicate that there is great variation in access to neuro-rehabilitation across the Y&H region, resulting from both the configuration and capacity of services commissioned. This variation in practice and provision is likely to be a contributing factor to the overall level of recovery gained by the patient.

The mapping raises concerns regarding the levels of rehab support available to neurology patients in the region, including the availability and access to specific neuro related skills and specialisms of the workforce.

The data gathered shows that all stroke (only) rehabilitation services are commissioned (100%) whilst commissioning levels for other types of rehab is less defined. In particular the data indicates that for those services where rehab also includes non-neurology conditions the rate of services being directly commissioned is much lower at 40%. This suggests that some services being provided are not being commissioned so may have developed due to specific patient need or professional interest in the condition.

Further work on the mapping will continue to investigate what services are available within the areas not yet represented.

The interim results of this mapping exercise were presented at:

- National meeting of Neurology SCN's including the National Clinical Director (NCD) for neurology in Jan 27th 2015
- SCN MHDN Oversight group Jan 29th 2015

This updated report of the results will be presented to a variety of SCN stakeholders including:

- SCN rehab strategy group 25th March 2015.
- CCG commissioning meeting 14th May 2015

This initial report will form the basis for further discussions with CCG's and NHS England and aims to provide a reference to help guide future rehab improvement plans by providing a greater understanding of the issues and concerns to all stakeholders. The SCN is in a fortunate

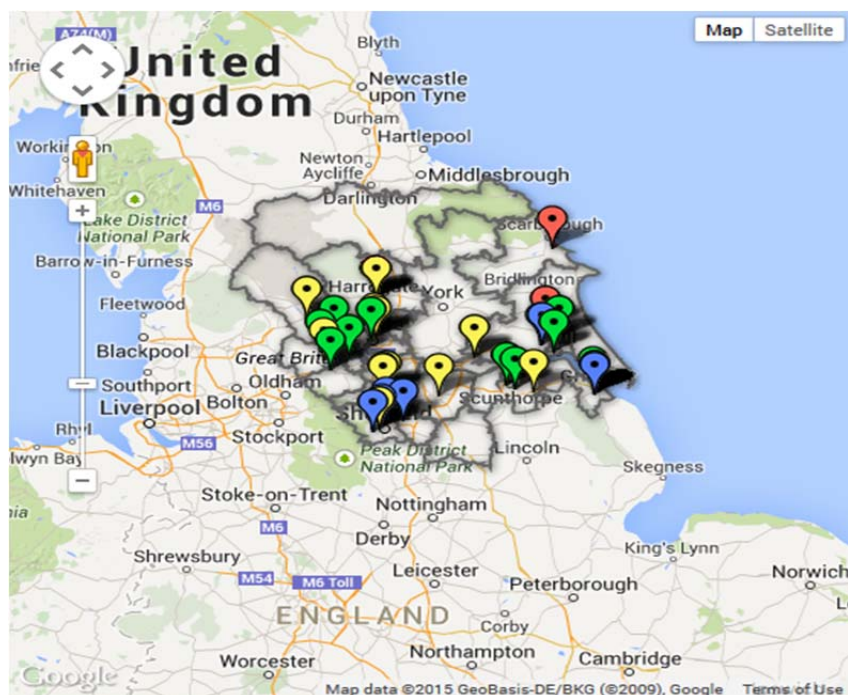
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position to communicate and link with the different rehabilitation services across the Y&H region whilst retaining a national focus and close working partnership with NHS England in order to help steer the direction of service developments.

5. Appendices

5.1. Maps

Map of ALL Neuro Rehab Services



Map showing if 'commissioned' or 'Not commissioned'



5.2. Questionnaire

SCOPING NEUROLOGY REHABILITATION PROVISION ACROSS YORKSHIRE AND THE HUMBER STRATEGIC CLINICAL NETWORK. (YH SCN)

The aim of this exercise is to gather a picture of the current provision of neuro rehabilitation services across the area covered by the YH SCN. Please complete one form for each individual service provided.

*** Required**

Q1.1 Name *

Q1.1a Address of main base * please give the address of the main base for the neuro re hab service

Q1.1b Postcode * please provide a postcode for the main base of the neuro re hab service

Q1.2 E-Mail *

Q1.3 Contact number *

Q1.4 Does your service provide neuro rehabilitation? *

Yes

No

Q1.4a Is your service specifically commissioned? *

Yes

No

Q1.5 Does the service solely provide Neuro rehabilitation? *

Yes - we only provide services to patients with neurological conditions Excluding Stroke

Yes - we only provide services to patients with neurological conditions Including Stroke

Yes - but we only provide the service for stroke patients

No - We also provide Re-Hab for other non neurological conditions

Q1.6 Which Clinical Commissioning Group area does your service cover (tick all that apply) *

NHS Airedale, Wharfedale and Craven CCG

NHS Barnsley CCG

NHS Bassetlaw CCG

NHS Bradford City CCG

NHS Bradford Districts CCG

NHS Calderdale CCG

NHS Doncaster CCG

NHS East Riding of Yorkshire CCG

NHS Greater Huddersfield CCG

NHS Harrogate and Rural District CCG

NHS Hull CCG

NHS Leeds North CCG

NHS Leeds South and East CCG

NHS Leeds West CCG

NHS North Derbyshire CCG

NHS North East Lincolnshire CCG

NHS North Kirklees CCG

NHS North Lincolnshire CCG

NHS Rotherham CCG

NHS Scarborough and Ryedale CCG

NHS Sheffield CCG

Other:

Q1.7 Does your Neuro rehab service cover *

- A) In Patients Re Hab?
- B) Out Patients Re Hab?
- C) Community Re Hab Services?

Q1.8 If YES to Q1.7A - Does your In-patients re-hab service include

Consultant in accredited rehabilitation medicine
Speech and Language Therapy
Dieticians
Physiotherapy
Clinical psychologists
Occupational Therapists
Social workers
Other please state below

if other please state here

Q1.8a What geographical area does your In-patients re-hab service cover? e.g. Leeds West, North Debyshire, East Riding of Yorkshire

Q1.9 If YES to Q1.7B - Does your Out-patients re-hab service include

Consultant in accredited rehabilitation medicine
Speech and Language Therapy
Dieticians
Physiotherapy
Clinical psychologists
Occupational Therapists
Social workers
Other please state below

if other please state here

Q1.9a What geographical area does your Out-patients re-hab service cover? e.g. Leeds West, North Debyshire, East Riding of Yorkshire

Q1.10 If YES to Q1.7C - Does your Community re-hab service include

Consultant in accredited rehabilitation medicine
Speech and Language Therapy
Dieticians
Physiotherapy
Clinical psychologists
Occupational Therapists
Social workers
Other please state below

if other please state here

Q1.10a What geographical area does your Community re-hab service cover? e.g. Leeds West, North Debyshire, East Riding of Yorkshire