

2022 UK Parkinson's Audit Physiotherapy

Standards & Guidance

2022 UK Parkinson's Audit

Physiotherapy

Audit of national standards relating to Parkinson's care, incorporating the Parkinson's NICE guideline,¹ NICE quality standards² and other relevant evidence-based guidelines.

Aim

The aim of the physiotherapy audit is to establish if physiotherapy services are providing quality services for people with Parkinson's, taking into account recommendations made in evidence-based guidelines.

Objectives

- 1. To encourage physiotherapists to audit compliance of their local Parkinson's service against Parkinson's guidelines, by providing a simple peer reviewed audit tool with the facility for central data analysis to allow benchmarking with other services.
- 2. To identify areas of good practice and areas for improvement to inform local, regional and UK-wide discussions leading to action plans and quality improvement initiatives to improve quality of care.
- 3. To establish baseline audit data to allow:
 - UK-wide mapping of variations in quality of care
 - local and UK-wide mapping of progress in service provision and patient care through participation in future audit cycles

Background

The Parkinson's physiotherapy audit is part of the UK Parkinson's Audit coordinated by Parkinson's UK and led by a steering group of professionals.

This is the sixth round in which physiotherapists will be able to take part, along with occupational therapists and speech and language therapists. Consultants in elderly care and neurology (and their Parkinson's nurses) can participate in the parallel patient management audit. The audit questions for this round have been refined to

¹ National Institute of Health and Clinical Excellence. *Parkinson's Disease in Adults NG71*. (2017) Available at https://www.nice.org.uk/quidance/ng71

² Nice Quality Standard QS164 https://www.nice.org.uk/guidance/gs164

reflect feedback from the 2019 audit, and the audits have all been reduced in length to encourage the participation of under-pressure services.

Standards

The Parkinson's NICE guideline³ recommends:

- Consider referring people who are in the early stages of Parkinson's disease to a physiotherapist with experience of Parkinson's disease for assessment, education and advice, including information about physical activity.
- Offer Parkinson's disease-specific physiotherapy for people who are experiencing balance or motor function problems.
- Consider the Alexander Technique for people with Parkinson's disease who are experiencing balance or motor function problems.

The 2018 NICE Quality Standards⁴ recommend that "Adults with Parkinson's disease are referred to physiotherapy, occupational therapy or speech and language therapy if they have problems with balance, motor function, activities of daily living, communication, swallowing or saliva."

NICE states that the rationale for this is that: "Adults with Parkinson's disease may experience a wide range of symptoms. Physiotherapy... can help people to manage their symptoms, maintain their independence and avoid hospital admission. After a referral to therapy services, it is important to ensure that therapists are included as part of the person's multidisciplinary team." NICE also states that "Adults with Parkinson's disease should have contact with a physiotherapist...with experience of Parkinson's disease to ensure disease-specific care is given."

The European Physiotherapy Guideline for Parkinson's Disease⁵ is an evidence-based guideline developed according to international standards, including practice recommendations for physiotherapists.

The National Service Framework for Long Term Neurological Conditions (NSF LTNC)⁶ is a key tool for delivering the government's strategy to support people with long term conditions such as Parkinson's. In particular, aspects of the quality requirements

2

s

³ National Institute of Health and Care Excellence. *Parkinson's Disease in Adults NG71*. (2017) Available at https://www.nice.org.uk/quidance/ng71

⁴ Quality Statement 3: https://www.nice.org.uk/guidance/qs164/chapter/Quality-statement-3-Referral-to-physiotherapy-occup ational-therapy-or-speech-and-language-therapy

⁵ Keus S et al. European Physiotherapy Guideline for Parkinson's Disease. (2014) KNGF/ ParkinsonNet, The Netherlands

⁶ Department of Health. *National Service Framework for Long Term Neurological Conditions*. (2005) Available at www.gov.uk/government/publications/quality-standards-for-supporting-people-with-long-term-condition

1, 4, 5 and 7 have been highlighted as important when considering the needs of people with long term conditions.

Methodology

This audit is open to all physiotherapy services and individual physiotherapists that work with people with Parkinson's in the UK, whether hospital or community based, clinic or domiciliary service (excluding acute hospital inpatients).

Standards agreed to be pertinent to physiotherapy have been transformed into a set of audit standards and statements reviewed by specialist physiotherapists. The full list of questions is given in Table 1 (Service audit) and Table 2 (Patient audit) at the end of this document.

Please note the importance of logging your participation in this national clinical audit with your Audit Department.

Patient sample

The minimum audit sample size is 10 consecutive people with idiopathic Parkinson's referred to a physiotherapy service and seen during the audit data collection period, which runs from 1 May 2022 to 30 September 2022.

Take account of the need to capture this minimum sample when deciding locally on your start date for collecting a consecutive patient sample. The data collection tool will have the capacity to capture as many consecutive patients as therapists wish to audit.

The inclusion criteria for audited patients are as follows:

- a) Patients who are currently receiving active intervention (including education/counselling) at the start of the audit period.
- b) Those who are seen on a review appointment (irrespective of whether they then go to start another episode of active treatment) during the audit period.
- c) Patients newly referred to your service who undergo full assessment (again irrespective of whether they then proceed to immediate active intervention rather than being placed on review)

Data entry

Data is entered on an on-line tool; the link is available from www.parkinsons.org.uk/audit.

- The **service audit** section consists of general questions about your service (and needs to be completed only once by a member of the team familiar with the service set-up and running).
- The **patient audit** section allows you to enter data on individual patients. These include both newly seen people with Parkinson's and follow ups, but each person should only be documented once, even if they attend more than once during this period.

Appendix A of this document is a version of the patient questions that you can print and use to record data in your clinics if this would be useful.

Data entry must be completed by 31 October 2022 when the data will be downloaded for analysis.

'No, but...' answers

A 'No, but...' answer implies there is a pre-determined accepted reason for non-compliance with the standard. The denominator for compliance can then be determined only for those patients where the standard was relevant – ie 'No, but...' answers can be removed from calculations of compliance.

Confidentiality

Patients

Please ensure that any information submitted does not include any personally identifiable information about your patients. Identifiable information is any information you hold about a service user that could identify them. This includes personal details such as names, addresses, pictures, videos or anything else which might identify the service user. Anonymised information is information about a service user that has had all identifiable information removed from it.⁷

When you complete the patient section of the audit, you will see that there is space for a patient identifier. It is suggested that you use code letters or a number here to help you keep track (for example the patient's initials or hospital number) – please do not use NHS numbers. It will help if you keep a list of the code words or numbers securely yourself, so that if there is any query about the information you have submitted, you can track back to the original patient.

⁷Health Professionals Council. Available at https://www.hcpc-uk.org/registration/meeting-our-standards/guidance-on-confidentiality [accessed 19 January 2022]

Employers

The Healthcare Quality Improvement Partnership (HQIP) recommends that services participating in a national clinical audit should be named in the audit reports. The audit reference report will list all participating organisations. It is therefore vital that you inform your clinical audit department about your participation in the audit.

Participating therapists

Individual therapists who participate and submit data will not be named in the audit report.

Data Security

The data collection forms, which will be available online for data entry, will be accessed using a username and password chosen by each user. The password will require a minimum length and complexity according to usual online security methods. Please make sure that your username and password are well protected and can't be accessed by other people. You will be able to indicate that you will work with colleagues on the audit, and you will therefore be able to view entries made by colleagues in your local team. We ask that you comply with your organisation's Data Protection guidelines at all times.

After the data has been accessed by Parkinson's UK it will be stored in password-protected files at Parkinson's UK in accordance with NHS requirements. Within Parkinson's UK, access to the raw data set is restricted to the Clinical Audit Manager, members of the Clinical Steering Group and the Data Scientist who will carry out the data analysis

Raw data will not be accessible in the public domain.

Patient Reported Experience Measure

All services participating in the audit are encouraged to participate in the Patient Reported Experience Measure (PREM). The PREM takes the form of a short paper questionnaire to be distributed to up to 50 consecutive patients between 1 May and 30 September 2022. These patients do not necessarily have to be those included in the main clinical audit.

The questionnaire asks 10 questions about patients' views of their Parkinson's service, and should take only five to 10 minutes to complete. If a carer has accompanied the patient on their clinic visit, they may assist the patient in completion of the form. Patients should feel comfortable and not overlooked while completing their questionnaire.

No identifiable information is collected, and the patient will seal their completed questionnaire in the envelope provided. These envelopes will then need to be

collected before the patient leaves the clinic, and all the envelopes will then be returned to the audit team at Parkinson's UK in the large postage-paid envelope provided.

Each service will be provided with the following resources:

- 50 x copies of a paper questionnaire
- 50 x patient information leaflets
- 50 x sealable envelopes
- A large postage-paid envelope for return of sealed envelopes to the audit team

A minimum of 10 questionnaires will need to be returned for a service's data to be included in the data analysis.

Participating in the PREM will give individual services direct feedback from their service users about the quality of care, accessibility and general satisfaction.

How the audit results will be communicated

The findings of both the clinical audit and the PREM will be presented in the form of a UK-wide summary report and an individual report for each service, benchmarking the results of individual services against the national average for each audit question in their specialty.

The summary report will contain detailed analysis and comments on the data along with key recommendations for commissioners and clinicians. The full data tables will also be available, along with a list of participating services.

A link to the reports will be sent to all audit participants, trust audit contacts and strategic health authority/health board audit contacts. The UK-wide reports will also be in the public domain via the Parkinson's UK website. Individual Service Reports are only accessible within the relevant Trust.

How the data will be used

Data collected during the audit will be used to generate a national picture of service delivery and to compare this with the expectations detailed in national guidance. This data will provide valuable information about priority areas within the existing healthcare provision and will support the development of commissioning. Information generated through this collaboration will be used in campaigning on behalf of people with Parkinson's, as well as guide the development of UK-wide quality improvement initiatives.

UK Parkinson's Excellence Network

The UK Parkinson's Excellence Network brings together health and social care professionals to transform the care that people with Parkinson's receive across the UK. The Network is there to ensure:

- that everyone with Parkinson's has access to high quality Parkinson's services
 that meet their needs. Their care should be delivered by an expert, integrated,
 multi-disciplinary team including a consultant, specialist nurse and range of
 therapists, whose involvement is key to maximising function and maintaining
 independence
- there are clear pathways to timely, appropriate information, treatments and services from the point of diagnosis, including access to specialist mental health services, and Parkinson's UK's full range of <u>information and support</u> to allow people to take control of the condition
- services will be involved in continuous quality improvement through audit and engagement of service users in improvement projects.

Thank you for your participation in the 2022 UK Parkinson's Audit

Parkinson's UK 215 Vauxhall Bridge Road, London SW1V 1EJ T 020 7931 8080 F 020 7233 9908 E enquiries@parkinsons.org.uk W parkinsons.org.uk

Parkinson's UK is the operating name of the Parkinson's Disease Society of the United Kingdom. A company limited by guarantee. Registered in England and Wales (948776). Registered office: 215 Vauxhall Bridge Road, London SW1V 1EJ. A charity registered in England and Wales (258197) and in Scotland (SC037554)

Physiotherapy - Service Audit

No.	Question	Data items/ Answer options	Help notes
Your	details		
1.1	Name of Lead Therapist completing the Service Audit	Free text	
1.2	Contact email of Lead Therapist	Free text	
Servi	ice Description		
2.1	Describe the setting in which you usually see individuals with Parkinson's	 Integrated medical and therapy Parkinson's clinic Acute outpatient rehabilitation Community rehabilitation service Social services including reablement Outpatient/day hospital Individual's home Other (please specify) 	Choose one – the most common setting for the service
2.2	How does your service offer assessments?	In personVirtually - by videoVirtually - by telephone	Tick all that apply
2.3	Does your service specialise in the treatment of individuals with neurological conditions?	YesNo	

2.4	Does your service specialise in the treatment of individuals with Parkinson's?	YesNo	
Indiv	iduals with Parkinson's		
3.1	Approximately what percentage of the individuals referred to your service annually have a diagnosis of Parkinson's?	0-19%20-39%40-59%60-79%80-100%	
Phys	siotherapy professionals		
4.1	Within your service, can you access Parkinson's related continuing professional development (at least yearly)?	YesNo	Training includes in-service within the Trust/similar body/Board/Local Health Board or external courses
4.2	Are there any documented induction and support strategies for new physiotherapists working with individuals with Parkinson's?	 Yes, specifically in relation to patients with Parkinson's Yes, as part of more general competencies No 	
4.3	What support (e.g. education, advice) is available to individual therapists working in the service?	 They can consult any member of the Parkinson's specialist MDT as they are a member They can consult members of a general neurology/elderly care specialist service of which they are a member They do not work directly in Parkinson's clinics but can readily access a Parkinson's MDT/Parkinson's Nurse Specialist 	Choose one

		 They do not work directly in a specialist clinic but can readily access advice from a specialist neurology or elderly care MDT No support available 	
Clinic	cal Practice		
5.1	How does your service offer assessment of a patient with Parkinson's?	MDT assessmentPhysiotherapy assessment onlyOther (please specify)	Tick all that apply
5.2	How do you usually see your clients with Parkinson's?	 Individually In a group setting Both individually and in groups In either a group or individual setting, but can refer to the other 	
5.3	If your intervention includes group work, what needs are addressed in these groups?	EducationExerciseNo group workOther (please specify)	
5.4	Do you provide information about non-NHS/external services e.g. Parkinson's UK, leisure centre classes?	YesNo	

Physiotherapy - patient audit

No.	Question	Answer options	Help notes
1. De	emographics		
1.1	Patient identifier	This can be used by you to identify audited patients	
1.2	Gender	MaleFemaleOther/patient prefers not to say	
1.3	Ethnicity	White O British O Irish O Traveller O Any other White background Asian/Asian British O Indian O Pakistani O Bangladeshi O Chinese O Any other Asian background Black/African/Caribbean/Black British O African O Caribbean O any other Black background Mixed/multiple ethnic groups O White and Black Caribbean O White and Black African O White and Asian O Any other mixed background	

1.4	Year of birth	 Other ethnic group o Arab o Any other ethnic group prefer not to say 	
'	real of birtin		
1.5	What setting does this client live in?	 Own home Residential care home Nursing home Other (please specify) 	
1.6	In what health setting was the patient seen?	 NHS – outpatient NHS – community Private clinic At home Other (please specify) 	
1.7	How was this person assessed?	In personVirtually - by videoVirtually - by telephone	
1.8	Parkinson's phase	DiagnosisMaintenanceComplexPalliative	Definitions of phases Diagnosis From first recognition of symptoms/sign/problem Diagnosis not established or accepted. Maintenance Established diagnosis of Parkinson's Reconciled to diagnosis No drugs or medication 4 or less doses/day Stable medication for >3/12 Absence of postural instability.

			,
2. Re	ferral		 Complex Drugs – 5 or more doses/day Any infusion therapy (apomorphine or duodopa) Dyskinesia Neuro-surgery considered / DBS in situ Psychiatric manifestations >mild symptoms of depression/anxiety/hallucinations/psychosis Autonomic problems – hypotension either drug or non-drug induced Unstable co-morbidities Frequent changes to medication (<3/12) Significant dysphagia or aspiration (for this audit, dysphagia should be considered a prompt for considering end of life issues). Palliative Inability to tolerate adequate dopaminergic therapy Unsuitable for surgery Advanced co-morbidity (life threatening or disabling).
	.	eople who are in the early stages of Parkir nent, education and advice, including inform	nson's disease to a physiotherapist with experience of mation about physical activity (NICE 1.7.2)
2.1	Year of Parkinson's diagnosis		
2.2	Has the person received previous physiotherapy specifically for Parkinson's?	 Yes No (skip to Q3) Offered but declined (skip to Q3) Unknown (skip to Q3) 	

2.2a	If yes, what was the year of first referral?	(year or unknown)	
2.3	When the person was first referred to any physiotherapy service, at what stage of their Parkinson's were they?	DiagnosisMaintenanceComplexPalliativeUnknown	
3. Re	ferral to this episode		
3.1	Who made the referral to physiotherapy for the current episode of care?	 Elderly care consultant Neurologist Parkinson's nurse specialist General/non-PDNS nurse GP Allied health professional colleague (OT/SLT) Dietician Social care worker Self-referral/relative Other (please specify) Unknown 	
3.2	Was the referral urgent or routine?	 Urgent Routine Unknown	Urgent or routine may be stated on referral letter or the physiotherapy department/ physiotherapist may have decided whether to treat as urgent of routine according to details in the letter
3.3	What was the time between the date of the referral letter and the date	1 to 4 weeks5 to 8 weeks9 to 12 weeks13 to 18 weeks	

	of the initial appointment for this episode of care?	More than 18 weeks		
3.4	If the patient is in the complex or palliative phase, is there evidence of anticipatory care planning in the last 12 months?	YesNoNot in complex or palliative phaseNot indicated	or palliative phase	
4. lm	plementation of national rec	ommendations		
and o	dard C: Offer Parkinson's dis E 1.7.3) Were Parkinson's-specific outcome measures used in	specialist and secondary healthcare providers	re plan agreed between the person, their family members . (NICE 1.1.5) re experiencing balance or motor function problems.	
	this case?			
4.1a	If yes, please tick all that apply	 3-step falls predictor 10 meter walk Activities Balance Confidence (ABC) Scale Berg Balance Scale Borg Scale Dynamic Gait Index (DGI) Exercise diary Falls Efficacy Scale International (FES-I) 		

		 Functional Gait Assessment Goal Attainment Scaling (GAS) History of Falling Lindop Parkinson's Assessment Scale (LPAS) Mini-BESTest Modified Parkinson's Activity Scale (M-PAS) New Freezing of Gait questionnaire (NFOG-Q) Patient Specific Index for Parkinson's Disease (PSI-PD) Push & Release Test Rapid Turns Test Six Minute Walk distance Timed Get up & Go Tragus to Wall (Posture measure) Unified Parkinson's Disease Rating Scale (UPDRS) Other (Please list) 	
4.2	If no, why were no outcome measures used?	Free text	
4.3	Was exercise/activity advice/intervention offered to this individual?	YesNoNot appropriate	
4.3a	If yes, please tick all that apply	 Aerobic exercise Alexander Technique Boxing Cycling Dance Exercise programme focused on balance Exercise programme focusing on flexibility Exercise programme focusing on strength 	

		 Function-based exercise (e.g. stair practice) High Intensity Interval Training LSVT-BIG Nordic Walking PD Warrior Pilates PWR!Moves Tai Chi Treadmill training Yoga Other (please specify) 	
5. Al	oout the physiotherapist		
5.1	What band (grade) is the physiotherapist who carried out the initial assessment of this person?	 4 5 6 7 8a 8b 8c Other 	The Chartered Society of Physiotherapy Supervision, Accountability & Delegation – PD126, April 2017 document states that "initial assessment is expected to be made by a registered practitioner" who may then delegate ongoing treatment and re-assessment to support staff, such as Band 4.
5.2	Approximately what percentage of people seen by the audited physiotherapist in a year have Parkinson's?	 0-19% 20-39% 40-59% 60-79% 80-99% 100% Unknown 	

6. Ev	5. Evidence base			
6.1	Which of the following did the audited therapist use to inform clinical practice or guide intervention?	 Clinical experience Advice from colleague or supervisor European Physiotherapy Guideline for Parkinson's Disease (2013) Allied Health Professionals' competency framework for progressive neurological conditions Information from Parkinson's UK website NICE - Parkinson's disease: diagnosis and management in primary and secondary care (2017) Published evidence in a peer reviewed journal (read within last 12 months) Postgraduate training (e.g. attending courses/lectures specific to Parkinson's) within last 24 months Other (please state) None 	Tick all that apply	

Appendix A: Printable Patient Audit sheet
Use this to record your patient cases before entering the data on the online tool.

1. De	mographics	
1.1	Patient identifier	
1.2	Gender	MaleFemaleOther/patient prefers not to say
1.3	Ethnicity	 White British, Irish Traveller Any other White background) Asian/Asian British Indian Pakistani Bangladeshi Chinese Any other Asian background Black/African/Caribbean/Black British African Caribbean any other Black background Mixed/multiple ethnic Groups White and Black Caribbean White and Black African White and Asian Any other mixed background Other ethnic group Arab Other
1.4	Year of birth	
1.5	What setting does this client live in?	 Own home Residential care home Nursing home Other (please specify)
1.6	In what health setting was the patient seen?	 NHS – outpatient NHS – community Private clinic At home Other (please specify)

1.7	How was this person assessed? Parkinson's phase	 In person Virtually - by video Virtually - by telephone Diagnosis Maintenance Complex Palliative 			
2. Re	ferral				
2.1	Year of Parkinson's diagnosis				
2.2	Has this person received previous physiotherapy specifically for Parkinson's?	 Yes No (skip to Q3) Offered but declined (skip to Q3) Unknown (skip to Q3) 			
2.2a	If yes, what was the year of first referral?				
2.3	When this person was first referred to any physiotherapy service, at what stage of their Parkinson's were they?	 Diagnosis Maintenance Complex Palliative Unknown 			
3. Re	3. Referral to this episode				
3.1	Who made the referral to physiotherapy for the current episode of care?	 Elderly care consultant Neurologist Parkinson's nurse specialist General/non-PDNS nurse GP Allied health professional colleague (OT/SLT) Dietician Social care worker Self-referral/relative Other (please specify) Unknown 			
3.2	Was the referral urgent or routine?	UrgentRoutineUnknown			
3.3	What was the time between the date of the referral letter and the date of the initial appointment for this episode of care?	 1 to 4 weeks 5 to 8 weeks 9 to 12 weeks 13 to 18 weeks More than 18 weeks 			

3.4	If the patient is in the complex or palliative phase, is there evidence of anticipatory care planning in the last 12 months?	YesNoNot in complex or palliative phaseNot indicated			
4. lm	4. Implementation of national recommendations				
4.1	Were Parkinson's-specific outcome measures used in this case?	Yes (go to 4.1a)No (go to 4.2)			
4.1a	If yes, please tick all that apply	 3-step falls predictor 10 meter walk Activities Balance Confidence (ABC) Scale Berg Balance Scale Borg Scale Dynamic Gait Index (DGI) Exercise diary Falls Efficacy Scale International (FES-I) Falls diary Five Times Sit to Stand Functional Gait Assessment Goal Attainment Scaling (GAS) History of Falling Lindop Parkinson's Assessment Scale (LPAS) Mini-BESTest Modified Parkinson's Activity Scale (M-PAS) New Freezing of Gait questionnaire (NFOG-Q) Patient Specific Index for Parkinson's Disease (PSI-PD) Push & Release Test Rapid Turns Test Six Minute Walk distance Timed Get up & Go Tragus to Wall (Posture measure) Unified Parkinson's Disease Rating Scale (UPDRS) Other (Please list) 			
4.2	If no, why were no outcome measures used?				
4.3	Was exercise advice/intervention offered to this individual?	YesNoNot appropriate			

4.3a	If yes, please tick all that apply	 Aerobic exercise Alexander Technique Boxing Cycling Dance Exercise programme focused on balance Exercise programme focusing on flexibility Exercise programme focusing on strength Function-based exercise (e.g. stair practice) High Intensity Interval Training LSVT-BIG Nordic Walking PD Warrior Pilates PWR!Moves Tai Chi Treadmill training Yoga Other (please specify)
5. Ak	oout the physiotherapist	
5.1	What band (grade) is the physiotherapist who carried out the initial assessment of this person?	 4 5 6 7 8a 8b 8c Other
5.2	Approximately what percentage of people seen by the audited physiotherapist in a year have Parkinson's?	 0-19% 20-39% 40-59% 60-79% 80-99% 100% Unknown
6. Ev	idence base	
6.1	Which of the following did the audited therapist use to inform clinical practice or guide intervention?	 Clinical experience Advice from colleague or supervisor European Physiotherapy Guideline for Parkinson's Disease (2013) Allied Health Professionals' competency framework for progressive neurological conditions Information from Parkinson's UK website NICE - Parkinson's disease: diagnosis and management in primary and secondary care (2017) (cont)

	 Published evidence in a peer reviewed journal (read within last 12 months) Postgraduate training (e.g. attending courses/lectures specific to Parkinson's) within last 24 months Other (please state) None
--	---