

National Respiratory Audit Programme (was National Asthma and COPD Audit Programme)

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| UPCARE: Programme name - please do not change this field.* | National Respiratory Audit Programme (was National Asthma and COPD Audit Programme) |
| Workstream name (if applicable) - please do not change this field.* | Pulmonary Rehabilitation |
| Contract status | Ongoing |
| Audit or non-audit | Audit |
| HQIP commissioned* | Yes |
| HQIP AD | JC |
| HQIP PM | SB |
| 1.0 Included in current NHS Quality Accounts* | Yes |
| 1.1a Geographical coverage - HQIP agreement* | England; Wales |
| 1.2a Topic - please select which ONE of the following best describes the topic area for the programme or workstream. If more than one apply, please select 'Other' and add comment to the next question.* | Respiratory |
| 1.3a Healthcare setting* | NHS community care; NHS secondary or tertiary care |
| 1.4 Inclusion and exclusion criteria* | <p>Include patients:</p> <ul style="list-style-type: none"> • Who attend an initial assessment for pulmonary rehabilitation • who are 18 years or over on the date of assessment • who have read the patient information sheet and <u>provided consent</u> (written or verbal) on the audit consent form or via the required verbal consent process: <p>Patients to be included in the audit are patients referred with a respiratory condition of COPD, asthma, bronchiectasis, interstitial lung disease, long COVID, pre/post thoracic surgery (including lung cancer/LVR/lung transplant), pulmonary hypertension, chronic heart failure, other chronic respiratory disease.</p> <p>Exclude patients:</p> |

- Patients who do not give written/verbal consent for their data to be included in the audit

1.5 Methods of data submission*

Bespoke data submission by healthcare provider

1.6a 2023/24 data submission closes - please indicate date, series of dates or frequency.*

Pulmonary Rehabilitation

For an annual cohort NRAP have in place quarterly data submission deadlines. These quarterly data deadlines started in conjunction with the new contract 01 June 2023.

Data submission deadline for the cohort:

01 April 2023 to 30 September 2023 - 02 February 2024

01 October 2023 to 31 December 2023 - 03 May 2024

01 January 2023 to 31 March 2024 - 02 August 2024

1.6b 2024/25 data submission closes - please indicate date, series of dates or frequency.*

Pulmonary Rehabilitation

For an annual cohort NRAP have in place quarterly data submission deadlines.

Data submission deadline for the cohort:

01 April 2024 to 30 June 2024 - 01 November 2024

01 July 2024 to 30 September 2024 - 07 February 2024

01 October 2024 to 31 December 2024 - 09 May 2025

01 January 2025 to 31 March 2025 - 08 August 2025

1.7 Data flow diagram

<https://www.rcplondon.ac.uk/projects/pulmonary-rehabilitation-pr-workstream>

Data flow diagram is uploaded within 'files' section.

1.8 Data quality & analysis plan

COPD, adult asthma, Children and young people's asthma and PR

The audits are currently running continuously. The audit datasets will be reviewed and streamlined annually. This will involve consultation (including with patients/carers), review of poorly completed/highly burdensome items, and reappraisal of the evidence.

Comprehensive validation rules are built into the web-tool to ensure that incorrect, conflicting and/or illogical data cannot be saved. Pop-up warnings appear for values that are plausible, but rare. There should be no missing data, as all questions are 'mandatory' and records cannot be locked until all data items are completed. If sites attempt to lock an incomplete record, a pop-up appears, directing them to the incomplete fields.

<https://www.rcplondon.ac.uk/file/42891/download> - combined report methodology report

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| 1.9 Outlier policy | To be actioned within new contract period 2023/2026. |
| 2.1 Outcome measures | N/A |
| 2.2 Process measures | <p>Pulmonary Rehabilitation</p> <p>Reporting KPIs via regional reports and benchmarking tables</p> <ul style="list-style-type: none"> • Start date for pulmonary rehabilitation (PR) offered within 90 days of receipt of referral for all people referred • People undertake a practice exercise test (for incremental shuttle walk test (ISWT) or six-minute walk test (6MWT)) • People enrolled for pulmonary rehabilitation (PR) go on to have a discharge assessment • A written individualised discharge exercise plan is provided as part of discharge assessment • One walking test Minimal Clinical Importance Difference (MCID) achieved • At least one health status questionnaire Minimal Clinical Importance Difference (MCID) achieved <p>New run chart info:</p> <ul style="list-style-type: none"> • Walk test provision- present the number of patients in receipt of walk tests at both initial and discharge assessment depending on the type of programme they were enrolled onto (home, centre or hybrid based). It aims to identify where services are not proving evidence-based care. • MRC score- to present the number of patients who a) have an MRC score recorded at both initial and discharge assessment and b) see an improved MRC score at discharge assessment. |
| 2.3 Organisational measures | <p>These are available in the pulmonary rehabilitation organisational report -</p> <p>https://www.rcplondon.ac.uk/projects/outputs/reports-pulmonary-rehabilitation</p> |
| 2.4 Patient reported outcome measures | N/A |
| 2.5 Patient reported experience measures | N/A |
| 2.6a Do measures align with any of the following sources of evidence (select all that apply) | Professional society; NICE clinical guideline; NICE quality standard |
| 2.6b Evidence supplemental information | <p>Pulmonary rehabilitation</p> <p><i>Clinical guidance</i></p> <ul style="list-style-type: none"> • British Thoracic Society (BTS) quality standards (QS) for pulmonary rehabilitation in adults (2014). QS1b: If accepted, people referred for |

pulmonary rehabilitation are enrolled to commence within 3 months of receipt of referral.

- BTS QS for pulmonary rehabilitation in adults (2014). QS8: People attending pulmonary rehabilitation have the outcome of treatment assessed using as a minimum, measures of exercise capacity, dyspnoea and health status.
- BTS QS for pulmonary rehabilitation in adults (2014). QS8: As above. QS9: Pulmonary rehabilitation programmes conduct an annual audit of individual outcomes and process.
- BTS QS for pulmonary rehabilitation in adults (2014). QS7: People completing pulmonary rehabilitation are provided with an individualised structured, written plan for ongoing exercise maintenance.

Quality standards - <https://www.brit-thoracic.org.uk/document-library/quality-standards/pulmonary-rehabilitation/bts-quality-standards-for-pulmonary-rehabilitation-in-adults/>

BTS clinical statements - <https://www.brit-thoracic.org.uk/quality-improvement/clinical-statements/pulmonary-rehabilitation/>

NICE quality statement - [Quality statement 4: Pulmonary rehabilitation for stable COPD and exercise limitation | Chronic obstructive pulmonary disease in adults | Quality standards | NICE](#)

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| 3.1 Results visualisation | Interactive online portal (run charts available); Annual report; Static data files |
| 3.2a Levels of reporting* | National; Hospital or specialist unit; Trust or health board; Integrated care system (ICS); NHS region or other geographic area |
| 3.3 Timeliness of results feedback | Within 1 year; Within 6 months; Within 1 month |
| 3.4 Link to dynamic reporting* | https://www.nrap.org.uk/ ; https://www.nrap.org.uk/nacap/PRcharts.nsf |
| 2023/24 Dataset covers the period FROM/TO (within financial year 01/04 to 31/03)* | 01/04/2023 - 31/03/2024 |
| 2024/25 Dataset covers the period FROM/TO (within financial year 01/04 to 31/03)* | 01/04/2024 - 31/03/2025 |
| Dataset #1 name | Pulmonary rehabilitation clinical audit |
| Dataset #1 type* | Clinical audit |
| Dataset #1 population coverage* | All eligible patients |
| Dataset #1 items collected (n) | 44 |

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| Dataset #1 items from existing national datasets (n) | 0 |
| Dataset #1 specification | PR clinical audit data set is uploaded within 'files' section. |
| Dataset #2 name | Pulmonary Rehabilitation Organisational Audit |
| Dataset #2 type* | Organisational audit |
| Dataset #2 items collected (n) | 49 |
| Dataset #2 items from existing national datasets (n) | 0 |
| Dataset #2 specification | PR organisational audit data set is uploaded within 'files' section. |
| Dataset #3 name | Not applicable |
| Dataset #4 name | Not applicable |
| When was your Healthcare Improvement Plan (sometimes referred to as a Quality Improvement Plan) last reviewed? Please upload under 'Files' below using naming convention ('yyyymmdd_PROGRAMME-Workstream-HIplan'). | 18/12/2023 15:00 |
| National report publication date (within calendar year 01/01 - 31/12/2023)* | 12 January 2023 - Drawing Breath - clinical audit report 2021/22 https://www.rcplondon.ac.uk/projects/outputs/drawing-breath-clinical-audit-report-202122 |
| Published/planned national report publication date (within calendar year 01/01 - 31/12/2024)* | 30 June 2024 (exact date TBC) - Breathing well: A nationwide assessment of respiratory care - combined clinical audit report 2022/23 |
| Planned national report publication date (within calendar year 01/01 - 31/12/2025)* | 30 June 2025 (exact date TBC) - combined clinical audit report 2023/24 |
| Please add the most recent date that you have reviewed and updated an online | 15/12/2023 |

**version of UPCARE
Workstream section(s) on
your project's website (click
into the response to see
pop-up guidance).**

**Please add a hyperlink to
UPCARE Workstream
section(s) on your website
(click into the response to
see pop-up guidance).***

<https://www.rcplondon.ac.uk/projects/information-governance>

Files

PR Org_Audit_2021_Dataset_v1.pdf

NRAP PR advisory group terms of reference v1.0.pdf

PR_Data Flow_v1.1.pdf

NRAP PR_Clinical Audit Dataset V4 Nov 23.pdf

20231218_NRAP-HIplan.pdf

20240201_Metrics_NRAP_pulmonary_rehabilitation.xlsx

NRAP PR organisational audit dataset February 2024.pdf