

NEIGHBOURHOOD RESPIRATORY SPECIALIST REVIEW SERVICE



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Delivering specialist respiratory care closer to home

A GPwER-led model improving access, diagnostics and reducing secondary care referrals

BACKGROUND



Birmingham and Solihull (BSOL) has the highest asthma admission rate in England



41% of Birmingham residents live in the most deprived national decile¹, which is a major determinant of respiratory ill health and unscheduled hospital admission²

PRIMARY CARE FACES:

- Delayed access to specialist respiratory review
- Limited access to spirometry and FeNO
- Increasing secondary care referrals

METHODS



16 Respiratory Hub sites across 5 localities, consisting of 202 GP Practices and 31 PCNs



Multidisciplinary team made up of GP with Extended Role in Respiratory, Respiratory Advanced Nurse Practitioners, ARTP trained HCAs, Pharmacists



Complex patients discussed in monthly MDT with secondary and tertiary care respiratory consultants



Outcomes shared with referring GP in real time via primary care clinical system

PATIENT PATHWAY



REFERRAL
GP referral via NHS e-Referral Service (eRS)



TRIAGE
GPwER and Respiratory ANP review and prioritise referral



ONE-STOP (consisting of)

- Diagnostics (Spiro/FeNO)
- Consultation, review and care management plan



DISCHARGE TO GP
Discharge to GP with advice or management plan



MONTHLY MDT MEETING
Complex/biologics cases discussed at monthly MDT

95% OF PATIENTS



ESCALATION
Direct escalation to secondary/tertiary care

5% OF PATIENTS

RESULTS



3,225 referrals received between September 2025 and July 2026



8 WEEKS median referral to first appointment



2,383 patients seen to date



1,887 spirometry delivered

1,334 fractional exhaled nitric oxide (FeNO) tests delivered

Figures as per until 31/07/26



5% onward referral to secondary or tertiary care



95% of patients managed within primary care



22–30% proven secondary care referral suppression rate

Data shown representative of previous SDS pilot 01/08/23 to 01/03/25

BIRMINGHAM LOCALITIES & PATIENT POPULATION

North: 284,769
(Sutton Coldfield & Erdington)

West: 282,283
(Perry Barr & Ladywood)

South: 309,910
(Edgbaston & Northfield)

Central: 246,464
(Hall Green & Selly Oak)

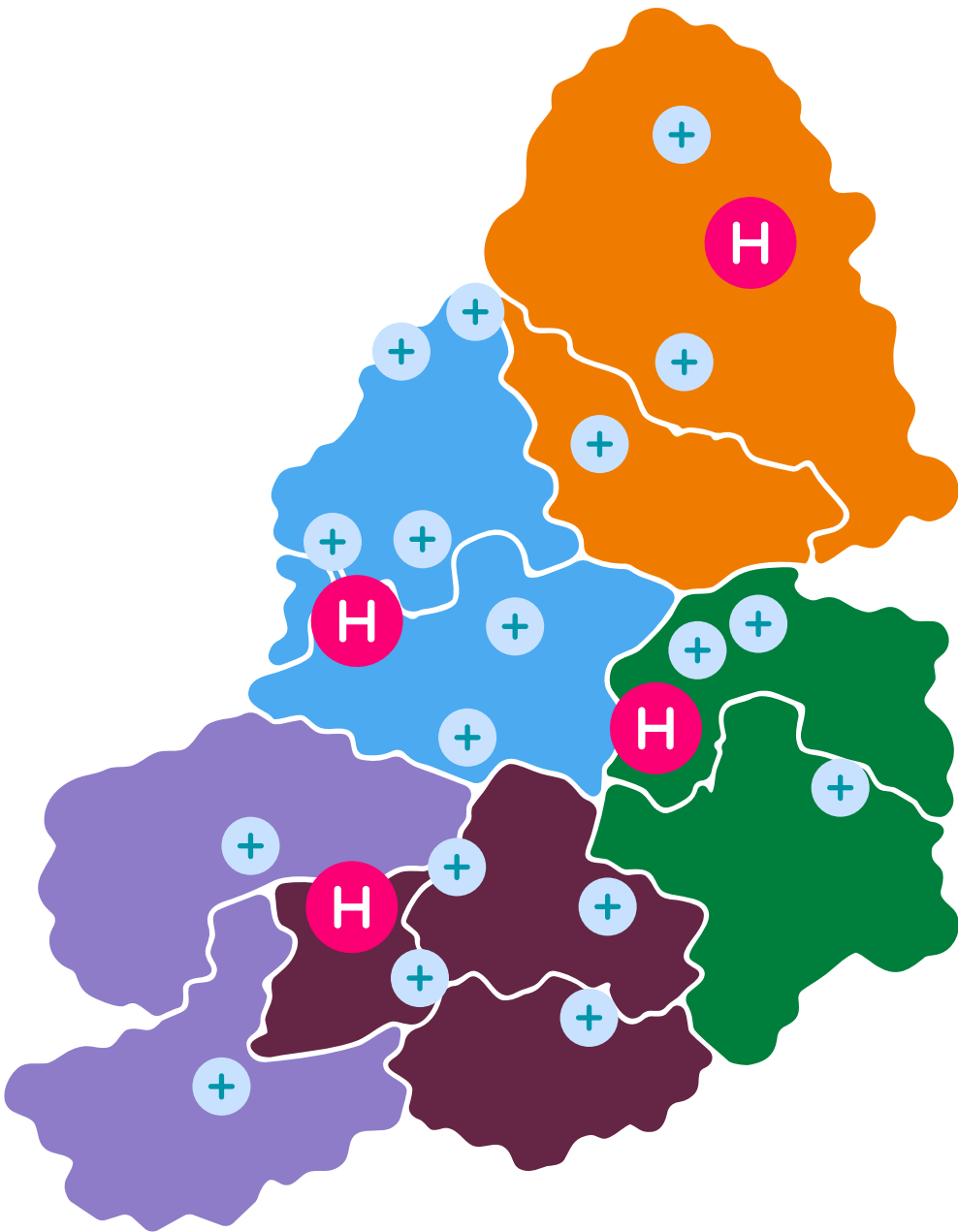
East: 280,739
(Hodge Hill & Yardley)

Total Patients: 1,404,165

HOSPITAL SITES

1. City Hospital
2. Good Hope Hospital
3. Heartlands Hospital
4. Queen Elizabeth Hospital

RESPIRATORY SRS HUB LOCATIONS



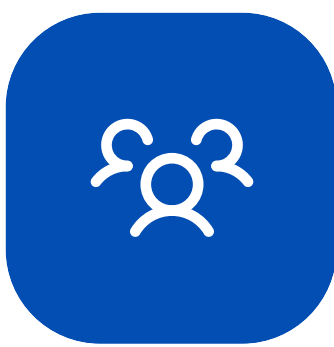
KEY MESSAGES



Specialist respiratory care closer to home through a neighbourhood health model



Timely access to respiratory diagnostics and specialist assessment



Monthly MDTs with consultants discussing complex patients, having had necessary work-up in the community.

¹<https://blog.bham.ac.uk/cityred/birmingham-and-the-index-of-multiple-deprivation/>

²<https://www.gov.uk/government/publications/health-inequalities-in-health-protection-report/health-inequalities-in-health-protection-report-2025>