

Fractional exhaled Nitric Oxide (FeNO) – Models of Care

#2: West Hampshire CCG (Wessex AHSN)

Organisations in England and Northern Ireland who have used, planned to use or commissioned FeNO for Asthma diagnosis and management have shared their real world experiences. A number of example care models and pathways were shared and one of them is described here.

Population	PCN 1:38,000 patients (2 practices) PCN 2: 40,126 patients (4 practices)
Staffing	Respiratory nurses and HCAs (planned)
Frequency	Not yet defined.
Setting	The aim was to cover the whole of 2 PCN areas and compare service delivery in different localities: <ul style="list-style-type: none"> • PCN 1: 1 site to be hub, accessible transport links for patients • PCN 2: larger and more rural area, planned more than 1 site
Service	In 2019 the CCG started discussions with Southern Health NHS FT who are commissioned to provide an adult community respiratory service (primary focus on COPD).
Established	Pilot was due to start in April 2020, Southern Health were in the process of recruiting staff and the service model in each PCN was being explored (hub vs practice level).
Investigations	Spirometry and FeNO were to be offered for all new diagnoses and in management where needed.
Management	Spirometry and FeNO were to be offered in management where needed.
Oversight	GP support if required.
Follow-up	Not yet established.
Funding	Pharma grant to Southern Health initially supplemented with PCN development funding later.
Driver for change	CCG wanted to provide certified spirometry and FeNO on a CCG-wide basis as part of the recommissioning of the service to enable all practices to have access to this without needing each practice to have staff trained in quality assured spirometry in line with national guidance from NHSE/I.
Outcomes	None to date but case example from FeNO use: <ul style="list-style-type: none"> • Male smoker aged 80+, diagnosed COPD, history of childhood and allergies • Monthly exacerbations, more than 6 hospital admissions annually • Very high dose steroid treatment • FEV1 hugely variable • Did a FeNO test with result of 60 (high) • Prescribed Ciclesonide and went over 3 months with no exacerbations • Life changing for the patient • Would not have suspected airway inflammation without the FeNO