

Fractional exhaled Nitric Oxide (FeNO) – Models of Care #8: NHS Tees Valley CCG (North East & North Cumbria 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	100,000 patients (1 PCN & GP Federation, 11 practices)
Staffing	Respiratory nurses and GP
Frequency	Not yet defined.
Setting	Rooms in a GP practice had been identified.
Service	A pilot had been developed and planned where the model included FeNO. Regionally there is a leaning towards the BTS/SIGN guidance for use of FeNO for intermediate probability cases but the pilot was also considering its use in 'difficult to manage' cases and for asthma biologic referral.
Established	Was planned for March 2020.
Investigations	<ul style="list-style-type: none"> • FeNO and spirometry to be done by respiratory nurses
Management	<ul style="list-style-type: none"> • A GP in the ICP in the North of the region was keen to be involved who already had developed a spirometry hub with respiratory nurses
Oversight	Clinical Respiratory Lead at the CCG.
Follow-up	<ul style="list-style-type: none"> • Not yet defined
Funding	<ul style="list-style-type: none"> • The pilot had accessed transformation monies for staffing and equipment • Circassia had loaned a device and funded consumables prior to this and let practice nurses across the CCG trial
Driver for change	<ul style="list-style-type: none"> • Clinical Respiratory Lead at the CCG does both FeNO and spirometry training across the region • There are pockets of use across the AHSN region but currently no practices in Tees Valley CCG have access • AHSN have a respiratory sub-group for diagnostics and wanted to develop a standard for asthma diagnosis in primary care
Outcomes	<ul style="list-style-type: none"> • The practice kept an anonymised log of FeNO case studies from the trial period and this demonstrated the useful role FeNO has in difficult asthma and promoting earlier referrals for severe asthma