

National Asthma and Chronic Obstructive
Pulmonary Disease Audit Programme (NACAP)

Children and young people asthma organisational audit 2019/20

Resource and organisation
of children and young people
asthma services in England,
Scotland and Wales 2019/20

**Benchmarked
Key indicators**

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Healthcare Quality
Improvement Partnership



Benchmarked key indicators and participation

8.1 Benchmarking of key indicators for participating hospitals

Table 1 presents the indicators that have been selected for benchmarking, as well as the criteria required for hospitals to meet each indicator based on the answer options provided in the children and young people (CYP) asthma organisational audit dataset.

Table 2 presents whether each hospital meets each indicator (target met – coloured light green) or not (target not met – coloured light pink). Please note that hospitals that are not currently registered for the CYP audit were excluded from benchmarking analyses.

Table 1. Methodology for benchmarking key indicators

Benchmarking dashboard performance indicator	Rationale
Process items	
Does your hospital have a paediatric high dependency unit (HDU) to which CYP asthma patients can be admitted? (Q1.2)	<ul style="list-style-type: none"> > A proportion of CYP admitted to hospital will have refractory asthma with life-threatening features and will probably require admission to an HDU for intravenous therapy and support.
Does your hospital have a designated, named clinical lead for asthma services? (Q3.7)	<ul style="list-style-type: none"> > One of the recommendations from the National Review of Asthma Deaths (NRAD) was that healthcare facilities should identify a lead person for asthma. > The approaches and requirements of asthma services will vary between CYP and adult care.
Is there a smoking cessation service to which you can refer or signpost parents/carers of your CYP asthma patients? (Q3.10)?	<ul style="list-style-type: none"> > Smoking and exposure to second-hand smoke is a big risk factor for acute asthma attacks and also for accelerated lung function decline and development of COPD later on in life. Nicotine is one of the most addictive substances in the world and specialist services are shown to improve rates of smoking cessation. Smoking cessation approaches for CYP will differ from those effective in adults. > Maps to BTS/SIGN 2019 [6.2.3]
Is there a smoking cessation service to which you can refer CYP asthma patients? (Q3.11)	<ul style="list-style-type: none"> > Smoking and exposure to second-hand smoke is a big risk factor for acute asthma attacks and also for accelerated lung function decline and development of COPD later on in life. Nicotine is one of the most addictive substances in the world and specialist services are shown to improve rates of smoking cessation. Smoking cessation approaches for CYP will differ from those effective in adults. > Maps to BTS/SIGN 2019 [6.2.3]
In your hospital, do you have access to the following diagnostic tools for CYP asthma patients? (Q3.14) (spirometry and fractional exhaled nitric oxide (FeNO))	<ul style="list-style-type: none"> > These are recommended in NICE guidelines as useful tool for accurately making a diagnosis of asthma in CYP and adults. > Maps to NICE NG80 [1.3.3]

Table 2. Unadjusted benchmarking of key indicators for hospitals in England, Scotland and Wales

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
England						
Airedale NHS Foundation Trust	Airedale General Hospital					
Ashford and St Peter's Hospitals NHS Foundation Trust	St Peter's Hospital					
Barking, Havering and Redbridge University Hospitals NHS Trust	King George Hospital					
Barking, Havering and Redbridge University Hospitals NHS Trust	Queens Hospital Romford					
Barnsley Hospital NHS Foundation Trust	Barnsley District General Hospital					
Barts Health NHS Trust	Newham General Hospital					
Basildon and Thurrock University Hospitals NHS Foundation Trust	Basildon Hospital					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
Bedford Hospital NHS Trust	Bedford Hospital					
Birmingham Women's and Children's NHS Foundation Trust	Birmingham Children's Hospital					
Bolton NHS Foundation Trust	Royal Bolton Hospital					
Bradford Teaching Hospitals NHS Foundation Trust	Bradford Royal Infirmary					
Brighton and Sussex University Hospitals NHS Trust	Royal Alexandra Children's Hospital					
Buckinghamshire Healthcare NHS Trust	Stoke Mandeville Hospital					
Calderdale and Huddersfield NHS Foundation Trust	Calderdale Royal Hospital					
Chelsea and Westminster Hospital NHS Foundation Trust	Chelsea and Westminster Hospital					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
Chesterfield Royal Hospital NHS Foundation Trust	Chesterfield Royal Hospital					
County Durham and Darlington NHS Foundation Trust	Darlington Memorial Hospital					
County Durham and Darlington NHS Foundation Trust	University Hospital of North Durham					
Dartford and Gravesham NHS Trust	Darent Valley Hospital					
Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust	Bassetlaw District General Hospital					
Doncaster and Bassetlaw Teaching Hospitals NHS Foundation Trust	Doncaster Royal Infirmary					
Dorset County Hospital NHS Foundation Trust	Dorset County Hospital					
East Kent Hospitals University NHS Foundation Trust	Queen Elizabeth the Queen Mother Hospital					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
East Kent Hospitals University NHS Foundation Trust	William Harvey Hospital					
East Lancashire Hospitals NHS Trust	Royal Blackburn Hospital					
East Sussex Healthcare NHS Trust	Conquest Hospital					
Epsom and St Helier University Hospitals NHS Trust	Epsom Hospital					
Epsom and St Helier University Hospitals NHS Trust	St Helier Hospital					
Frimley Health NHS Foundation Trust	Frimley Park Hospital					
Frimley Health NHS Foundation Trust	Wexham Park Hospital					
George Eliot Hospital NHS Trust	George Eliot Hospital					

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Indicator no.		1	2	3	4	5
Guy's and St Thomas' NHS Foundation Trust	St Thomas' Hospital					
Hampshire Hospitals NHS Foundation Trust	Basingstoke and North Hampshire Hospital					
Hampshire Hospitals NHS Foundation Trust	Royal Hampshire County Hospital					
Harrogate and District NHS Foundation Trust	Harrogate District Hospital					
Homerton University Hospital NHS Foundation Trust	Homerton Hospital					
Hull University Teaching Hospitals NHS Trust	Hull Royal Infirmary					
Imperial College Healthcare NHS Trust	St Marys Hospital, Paddington					
King's College Hospital NHS Foundation Trust	Princess Royal University Hospital (Bromley)					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
Kingston Hospital NHS Foundation Trust	Kingston Hospital					
Lancashire Teaching Hospitals NHS Foundation Trust	Royal Preston Hospital					
Leeds Teaching Hospitals NHS Trust	Leeds General Infirmary					
Lewisham and Greenwich NHS Trust	Queen Elizabeth Hospital, Woolwich					
Lewisham and Greenwich NHS Trust	University Hospital Lewisham					
Maidstone and Tunbridge Wells NHS Trust	Tunbridge Wells Hospital					
Manchester University NHS Foundation Trust	Royal Manchester Children's Hospital					
Manchester University NHS Foundation Trust	Wythenshawe Hospital					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
Mid Cheshire Hospitals NHS Foundation Trust	Leighton Hospital					
Mid Essex Hospital Services NHS Trust	Broomfield Hospital					
Milton Keynes University Hospital NHS Foundation Trust	Milton Keynes General Hospital					
North Cumbria Integrated Care NHS Foundation Trust	Cumberland Infirmary					
North Cumbria Integrated Care NHS Foundation Trust	West Cumberland Infirmary					
North Middlesex University Hospital NHS Trust	North Middlesex Hospital					
North Tees and Hartlepool NHS Foundation Trust	University Hospital of North Tees					
North West Anglia NHS Foundation Trust	Hinchingbrooke Hospital					

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Indicator no.		1	2	3	4	5
Northampton General Hospital NHS Trust	Northampton General Hospital					
Northern Devon Healthcare NHS Trust	North Devon District Hospital					
Northern Lincolnshire and Goole NHS Foundation Trust	Diana, Princess of Wales Hospital					
Northern Lincolnshire and Goole NHS Foundation Trust	Scunthorpe General Hospital					
Northumbria Healthcare NHS Foundation Trust	Northumbria Specialist Emergency Care Hospital					
Pennine Acute Hospitals NHS Trust	North Manchester General Hospital					
Poole Hospital NHS Foundation Trust	Poole General Hospital					
Portsmouth Hospitals NHS Trust	Queen Alexandra Hospital					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
Royal Berkshire NHS Foundation Trust	Royal Berkshire Hospital					
Royal Cornwall Hospitals NHS Trust	Royal Cornwall Hospital					
Royal Devon and Exeter NHS Foundation Trust	Royal Devon and Exeter Hospital					
Royal United Hospitals Bath NHS Foundation Trust	Royal United Hospital Bath					
Salford Royal NHS Foundation Trust	Salford Royal Hospital					
Salisbury NHS Foundation Trust	Salisbury District Hospital					
Sandwell and West Birmingham Hospitals NHS Trust	Birmingham City Hospital					
Sandwell and West Birmingham Hospitals NHS Trust	Sandwell District Hospital					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
Sheffield Children's NHS Foundation Trust	Sheffield Children's Hospital					
Sherwood Forest Hospitals NHS Foundation Trust	King's Mill Hospital					
South Tees Hospitals NHS Foundation Trust	James Cook University Hospital					
Southend University Hospital NHS Foundation Trust	Southend Hospital					
Southport and Ormskirk Hospital NHS Trust	Ormskirk and District General Hospital					
St George's University Hospitals NHS Foundation Trust	St George's Hospital					
St Helens and Knowsley Teaching Hospitals NHS Trust	Whiston Hospital					
Stockport NHS Foundation Trust	Stepping Hill Hospital					

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Indicator no.		1	2	3	4	5
Surrey and Sussex Healthcare NHS Trust	East Surrey Hospital					
Tameside and Glossop Integrated Care NHS Foundation Trust	Tameside General Hospital					
Taunton and Somerset NHS Foundation Trust	Musgrove Park Hospital					
The Dudley Group NHS Foundation Trust	Russells Hall Hospital					
The Hillingdon Hospitals NHS Foundation Trust	Hillingdon Hospital					
The Princess Alexandra Hospital NHS Trust	Princess Alexandra Hospital					
The Rotherham NHS Foundation Trust	Rotherham General Hospital					
The Royal Wolverhampton NHS Trust	New Cross Hospital					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
Torbay and South Devon NHS Foundation Trust	Torbay Hospital					
United Lincolnshire Hospitals NHS Trust	Lincoln County Hospital					
United Lincolnshire Hospitals NHS Trust	Pilgrim Hospital					
University College London Hospitals NHS Foundation Trust	University College Hospital					
University Hospitals Coventry and Warwickshire NHS Trust	University Hospital Coventry					
University Hospitals of Derby and Burton NHS Foundation Trust	Queens Hospital					
University Hospitals of Derby and Burton NHS Foundation Trust	Royal Derby Hospital					
University Hospitals of Morecambe Bay NHS Foundation Trust	Furness General					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
University Hospitals of Morecambe Bay NHS Foundation Trust	Royal Lancaster Infirmary					
University Hospitals of North Midlands NHS Trust	Royal Stoke University Hospital					
University Hospitals Plymouth NHS Trust	Derriford Hospital					
Walsall Healthcare NHS Trust	Manor Hospital					
Warrington and Halton Hospitals NHS Foundation Trust	Warrington District General Hospital					
West Suffolk NHS Foundation Trust	West Suffolk Hospital					
Western Sussex Hospitals NHS Foundation Trust	St Richard's Hospital					
Western Sussex Hospitals NHS Foundation Trust	Worthing Hospital					
Whittington Health NHS Trust	Whittington Hospital					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
Wirral University Teaching Hospital NHS Foundation Trust	Arrowe Park Hospital					
Worcestershire Acute Hospitals NHS Trust	Worcestershire Royal Hospital					
Wrightington, Wigan and Leigh NHS Foundation Trust	Royal Albert Edward Infirmary					
Wye Valley NHS Trust	County Hospital Hereford					
Yeovil District Hospital NHS Foundation Trust	Yeovil District Hospital					
York Teaching Hospital NHS Foundation Trust	York District Hospital					
Scotland						
Borders	Borders General Hospital					
Tayside	Ninewells Hospital					

Trust name / local health board	Service name	HDU on site	Designated clinical lead for asthma	Smoking cessation service available to signpost parents/carers of your paediatric asthma patients	Access to smoking cessation service for patients with asthma	Access to the following diagnostic tools: Spirometry and exhaled nitric oxide (FeNO)
Indicator no.		1	2	3	4	5
Wales						
Cwm Taf Morgannwg University Local Health Board	Prince Charles Hospital					
Cwm Taf Morgannwg University Local Health Board	Princess of Wales Hospital					
Cwm Taf Morgannwg University Local Health Board	Royal Glamorgan					
Hywel Dda University Local Health Board	Bronglais General Hospital					
Hywel Dda University Local Health Board	Glangwili General Hospital					
Hywel Dda University Local Health Board	Withybush General Hospital					
Swansea Bay Local Health Board	Morrison Hospital					

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