



Ensuring equitable access to diabetes technologies in children and young people

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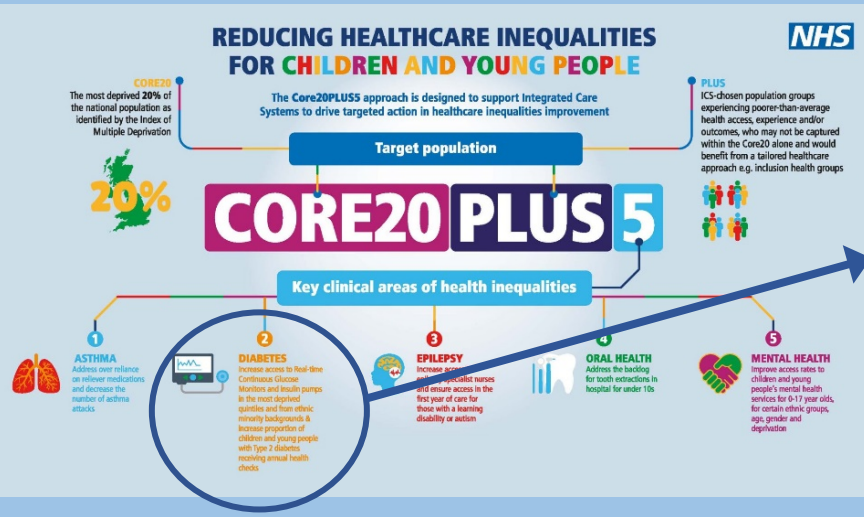
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WE ARE PROUD TO BE A FINALIST

Reducing Health Inequalities through Digital

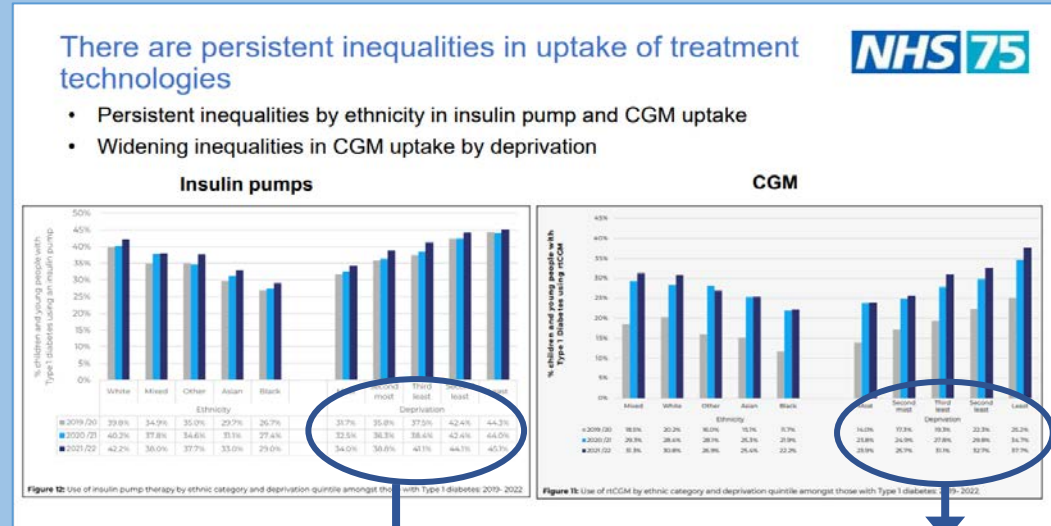


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Diabetes

Increase access to Real-time Continuous Glucose monitors and insulin pumps in the most deprived quintiles and from ethnic minority backgrounds



In the NPDA 21/22 this was represented by an inequality of 11.1% between lowest and highest IMD score accessing pumps and 13.8% accessing CGM

The CYP Diabetes Landscape in 2022/2023

During our dedicated Poverty Proofing work, Children and young people with diabetes and their families told us the tech was causing considerable financial burdens, including

‘high costs of data’, ‘unreliable internet’, ‘incompatible phones for the tech’, ‘running out of data’, ‘needing the latest versions of tech to access the data’

Local IMD data told us that 49% of our population live in the most and second most deprived quintiles and local intelligence indicated that we could help around 400 families with this project.

Team	No. on patients	No. on pump	No. on CGM	No. on HCL	Est. No needing phone/laptop	50% of most and 2 nd most dep.
North Cumbria	185	105	95	18	40	30
Gateshead	119	84	90	30	21	33
Sunderland	214	123	116	41	85	61
South Tyneside	76	48	16	9	6	19
North Tyneside	174	69	98	21	50	36
South Tees	224	94	104	22	20	44
North Tees	195	97	96	70	50	53
Newcastle	289	143	64	24	145	72
CDDFT	312	109	150	36	120	80
Network Totals	1788	872	829	271	537	428

Data provided by NHSE based on NPDA 20/21 and local intelligence of caseloads at MDT level

Children North East Poverty Proofing® Health Care

Common Themes Poverty Proofing® Paediatric Diabetes Care

March 2023



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Project Partners:



AMBITION

Diabetes technology is rapidly developing, insulin pumps and continuous glucose monitors increasingly require high spec mobile phones and laptops in order to use them efficiently and effectively; high levels of deprivation across the NE and N Cumbria is creating a barrier for some families to access this life-changing technology.

Simultaneously, hospital trusts need to consider the environmental impact of unneeded IT equipment disposal.

This project brings these two seemingly unconnected challenges together, creating a solution for them both by donating repurposed NHS equipment to families so they can access diabetes technology and improve outcomes.

OUTCOME

The outcome was the collaboration of project partners to develop a process to offer refurbished Trust digital equipment to children and young people living with diabetes

400 phones and 25 laptops refurbished with ADISA certification and then donated into the project from Gateshead NHS Trust.
500 Sim cards received from Vodafone with 6 months free calls, texts, data

A simple process embedded the principles of Poverty Proofing and we ensured inclusion of all CYP with diabetes, without means testing were able to access phones/laptops they needed via the project without stigma.

By March 2024 the project had received 310 referrals and had provided 297 pieces of refurbished NHS equipment to children and young people living with diabetes

60% live in IMD deciles 1-3
25% live in IMD decile 1

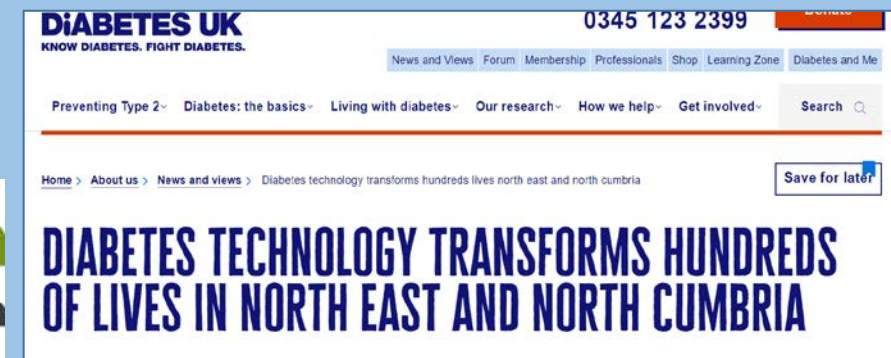


Meeting the
CORE20PLUS5
criteria

A 'business as usual'
model has been
developed to ensure
continuation

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SPREAD

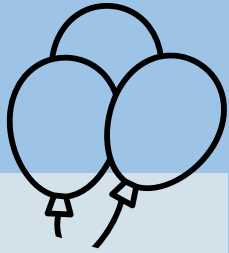


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VALUE

Celebration Event Webinar – 26th April

Wonderful stories of how children and young people from diverse backgrounds have all been able to benefit from this project – including children from single-parent families, children with neurodiversity, and children in care.



The phone and laptop pilot has ensured that young people who would have had a barrier to technology now have not, and this is worth its weight in gold

Without the phone XX would not have been able to access Dexcom, use the carbs and cals app, start on Omnipod 5, maintain his independence. His health outcomes have improved in just 6 weeks.

Thank you to the project on behalf of XX, his family and the Newcastle CYP Diabetes Team

His HbA1c has been amazing and he is now a happy little boy who needs less intervention due to diabetes in his daily life. It has taken so much worry from me as a parent and has eased the financial pressure of being able to access this technology.

This family have two children with a type 1 diagnosis, this project has allowed mum to 'follow' and support both of them without financial burden

It's also allowed us the freedom to allow her to go out and spend time at family and friends without us parents having to tag along as she can use the apps herself and an adult just watches over her to make sure there's no issues. We as parents can't thank you enough for the phone

This phone has benefited my patient, and his carers in so many ways, we can't thank you enough.

It made a massive difference to us as a team knowing we were able to offer that family the same care as more well-off families.

