



**Wrightington, Wigan and
Leigh Teaching Hospitals**
NHS Foundation Trust

WWL Paediatric Diabetes Team

May 2025



Aims

- How our service is structured and what we offer to help improve care and prevention in Diabetes
- Who we collaborate with to achieve this
- WWL paediatric diabetes statistics and databases used to help service improvement
- Look at what works well and challenges we face in our service.
- What we would like the future to look like for our service.

Our team at WWL

2 Paediatric Consultants

3 Paediatric Diabetes Specialist Nurses

1 Paediatric Dietitian

1 Diabetes technology administration and Data analyst

1 Administration assistant



Services that we provide

6 MDT clinic sessions in a 4-week period.

1 young person's clinic a month

Quarterly Type 2 Diabetes clinic

Bi-monthly Transition clinic

Twice weekly nurse led clinic

School visits and education

Home visits and education

Group education

Single/group insulin pump starts and follow ups

Telephone contact with PDSN ADHOC

1 hour weekend/bank holiday contact

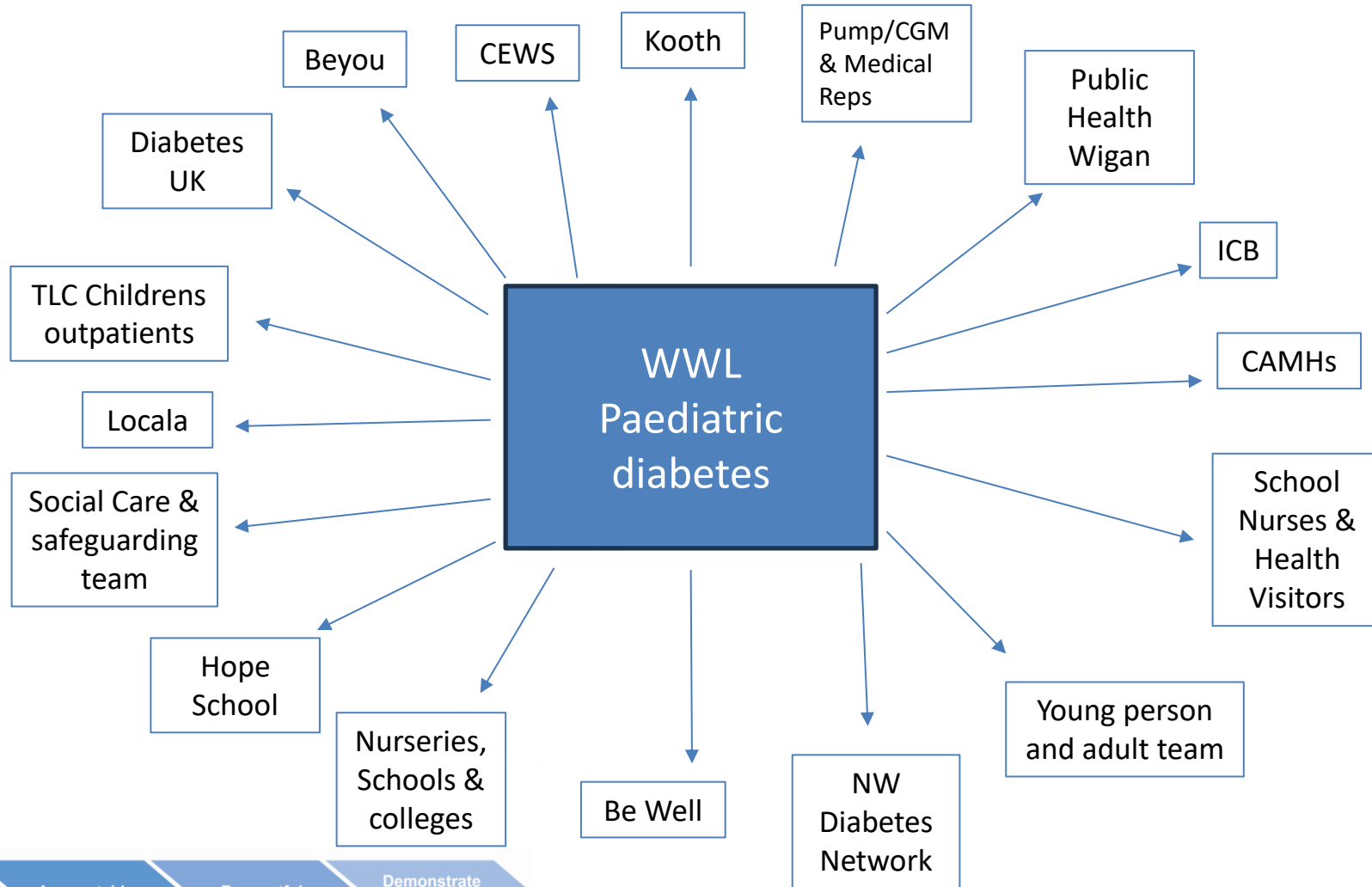
Ward staff and doctor training

Attend safeguarding meetings and reviews

Annual Dietitian review.

Quarterly NPDA

Who do we collaborate with



Types of Diabetes

Type 1

(insulin deficiency)

Type 2

(insulin resistant)

Gestational Diabetes

(pregnancy condition)

MODY

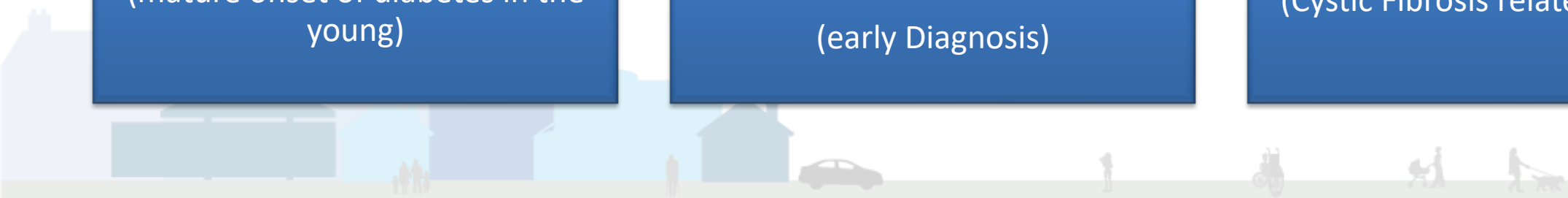
(mature onset of diabetes in the young)

Neonatal Diabetes

(early Diagnosis)

CFRD

(Cystic Fibrosis related Diabetes)



Patients at WWL

156 patients on our caseload

- 145 patients have type 1 diabetes
- 6 patients have type 2
- 5 patients have other genetic forms of diabetes

Out of the 156 patients on our caseload

- 54 patients (35%) are between age 0-12years.
- 102 patients (65%) are between age 12-18 years.

NICE Recommendation

December 2023 technology appraisal guidance for Hybrid closed loop systems managing blood glucose levels in Type 1 diabetes was published.

It recommended that all children and young people with Type 1 diabetes were to be offered a Hybrid Closed Loop (HCL) insulin pump.

HCL that we use in children and young people at WWL



Omnipod 5

61 Patients



Medtronic 780g

51 Patients



Ypsopump

2 Patients

Total number of patients on pump is 114

Total number of patients on Multiple Dose Injections is 34

Total number of patients on other medications is 8

Areas we find challenging within our service

- DNA/Cancellations of clinic appointments
- Engagement with young persons and families
- Engagement with Type 2 clinic
- Engagement with Dietitian appointments (diet police)
- Carb counting on diagnosis due to dietitian not being allowed on ward
- No Psychologist or youth worker
- Referral to CEWs due to long waiting list
- Young person consultant unable to attend young persons clinic.
- Delay in neurodevelopment diagnosis



Things that work well in our service

- Transition (nurse led clinic)
- BE well in clinics
- Pump equality
- % of pump patients
- Diversity (LGBTQ+, Autism Spectrum Disorder (ASD) , ADHD)
- Hope school clinic
- School and college assemblies and events



Aspirations for the future



Health based Youth
Worker



More dietetic time



More engagement at
planned future events



More capacity for YP
Consultant

Potential for collaboration and research

Support from WWL
with planned events

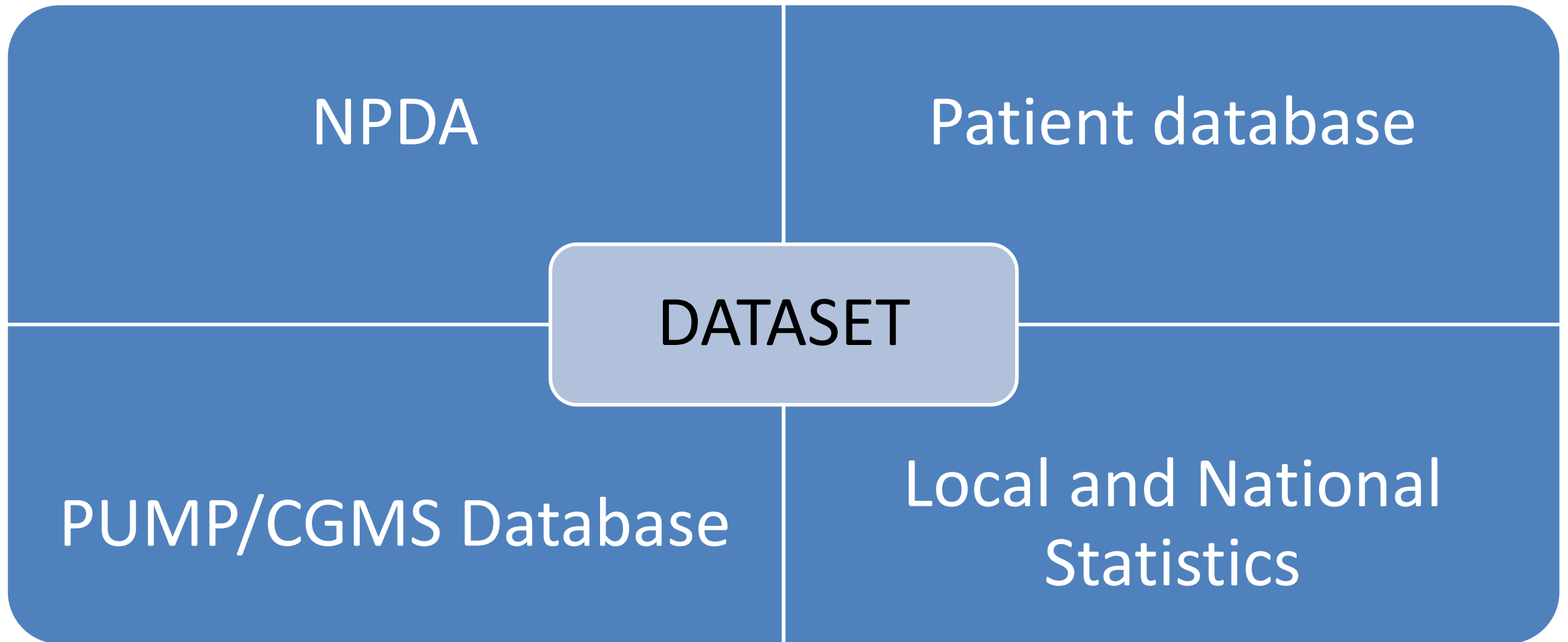
Percentage of T1DM
CYP with high BMI

Percentage of T1DM
with neurodiversity

Increase of T2DM
needing medication

Increase of obesity in
General Paediatric
clinics – leading to Long
Term Conditions (LTC)
such as T2DM

Datasets useful for research



Any Questions?

