

Ref: FOI/CAD/ID 3952

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Freedom of Information Act 2000

I am writing in response to your request for information made under the Freedom of Information Act 2000 in relation to Insulin pumps 2015-2016.

- 1. How many patients in your area with type 1 diabetes are currently using insulin pump therapy?*
- 2. What percentage of your diabetes population were a) offered and b) received an insulin pump in 2015/2016*
- 3. The total number of patients who were initiated on insulin pump therapy supplied by:*
 - a) Animas*
 - b) Cell-Novo*
 - c) Medtronic*
 - d) Omnipod*
 - e) Roche*
- 4. What was the total spend on insulin pumps and consumables in 2015/2016*
- 5. What guidance, information and structured education do you provide on insulin pumps for*
 - a. providers and*
 - b. patients*
- 6. What choice are providers/patients restricted to in terms of the insulin pumps offered/funded by Maidstone and Tunbridge Wells NHS Trust*

Please note the information supplied is split into adults, Paediatrics Tunbridge Wells Hospital and Paediatrics Maidstone Hospital.

Data from Paediatric Diabetes Team, Maidstone Hospital
25-4-17

1. 57 patients
- 2.

a) No data available on percentage offered/uptake. Pump Information sessions are organised, attended by interested CYP and carers, then those still interested proceed along a 'pump pathway'

b) 2015/2016- 19 patients commenced on insulin pumps

3.

a) Animas : n/a

b) Cell-Novo : n/a

c) Medtronic : 8, of which 5 with CGM

d) Omnipod: 19

e) Roche: Insight 18, Combo 12

4.

Medtronic pumps between £2850 and £2995

Consumables £1700 per year

Roche pumps £2495

Consumables between £1090-£1242 per year

Ypsomed Omnipod PDM £90

Pods £2256 per year

5.

a. Participation in NPDA and Regional Paediatric Diabetes network

Annual data submission to CCG

b. 1. Pump Information Sessions- for introduction to pump therapy and awareness

2. Pump Pathway: prior to commencing pump therapy- education and assessment by psychologist, dietician, PDSN, pump representative, saline trial, education sessions, daily phone call support at the start of pump therapy. Advanced pump session annually if on pump therapy.

6. No restrictions.

Data from Paediatric Diabetes Team, Tunbridge Wells Hospital

25-4-17

1. 33 patients

2.

a) No data available on percentage offered/uptake. Pump Information sessions are organised, attended by interested CYP and carers, then those still interested proceed along a 'pump pathway'

b) 2015/2016- 10 patients commenced on insulin pumps

3.

a) Animas : n/a

b) Cell-Novo : n/a

c) Medtronic : 0

d) Omnipod: 5

e) Roche: Insight 4, Combo 1

4.

Medtronic pumps between £2850 and £2995

Consumables £1700 per year

Roche pumps £2495

Consumables between £1090-£1242 per year

Ypsomed Omnipod PDM £90

Pods £2256 per year

5.
 - a. providers : Participation in NPDA and Regional Paediatric Diabetes network Annual data submission to CCG
 - b. 1. Pump Information Sessions- for introduction to pump therapy and awareness.
 2. Pump Pathway: prior to commencing pump therapy- education and assessment by psychologist, dietician, PDSN, pump representative, saline trial, education sessions, daily phone call support at the start of pump therapy. Advanced pump session annually if on pump therapy.
6. No restrictions.

Data regarding adult patients. 21.04.17

1. 268 adult patients

Animas 8

Medtronic 97

Omnipod 104

Roche 59

2.

We do not have information on percentage of our diabetes population specifically for the two years in question. However, we have information on the absolute number of adult patients offered and receiving an insulin pump during this period:

a) All patients who were offered were commenced on an insulin pump therapy were commenced on this form of therapy.

b) In 2015 there were 17 patients and in 2016 there were 21 patients who received an insulin pump.

3. The total number of patients who initiated on insulin pump therapy supplied by:

	2015	2016
a) Animas	0	0
B) Cell-Novo	0	0
c) Medtronic	2	8
d) Omnipod	13	12
e) Roche	2	1

4.

Our organisation does not have this information as the majority of invoices for insulin pump therapy is paid for by respective CCGs. This is difficult to calculate but the average spend per company is

New pumps are bought every 4-5 years. However, estimates for the individual pumps used are shown below:

Medtronic pumps between £2850 and £2995

Consumables £1700 per year

Roche pumps £2495

Consumables between £1090-£1242 per year

Animas pumps £2800

Consumables £1700 per year

Ypsomed Omnipod PDM £90

Pods £2256 per year

5.

a) Our Insulin Pump Lead, Dr Barnes, Diabetes Specialist Nurses and Diabetes Specialist Dietitians have held regular meetings with our main provider (West Kent CCG) to discuss insulin pump pathways and the Insulin Pump Service. Maidstone and Tunbridge Wells NHS Trust have also participated in National Insulin Pump Audits and the DSN have taken part in study days in the form of presentations.

b) One- to- one education, Group pump starts, DAFNE pump (5 day), DAFNE pump annual follow up, Pump demonstration afternoons with all pump companies available for patients on the Pre-pump pathway and due for Pump upgrade, and Pump clinic embedded group education sessions for 15 mins each time within the follow-up multi-disciplinary Pump Clinics.

6. We offer a choice from Animas Vibe, Medtronic Veo and 640g, Omnipod and Roche Insight and Combo. There are no restrictions in terms of insulin pumps offered/funded by Maidstone & Tunbridge Wells NHS Trust.