

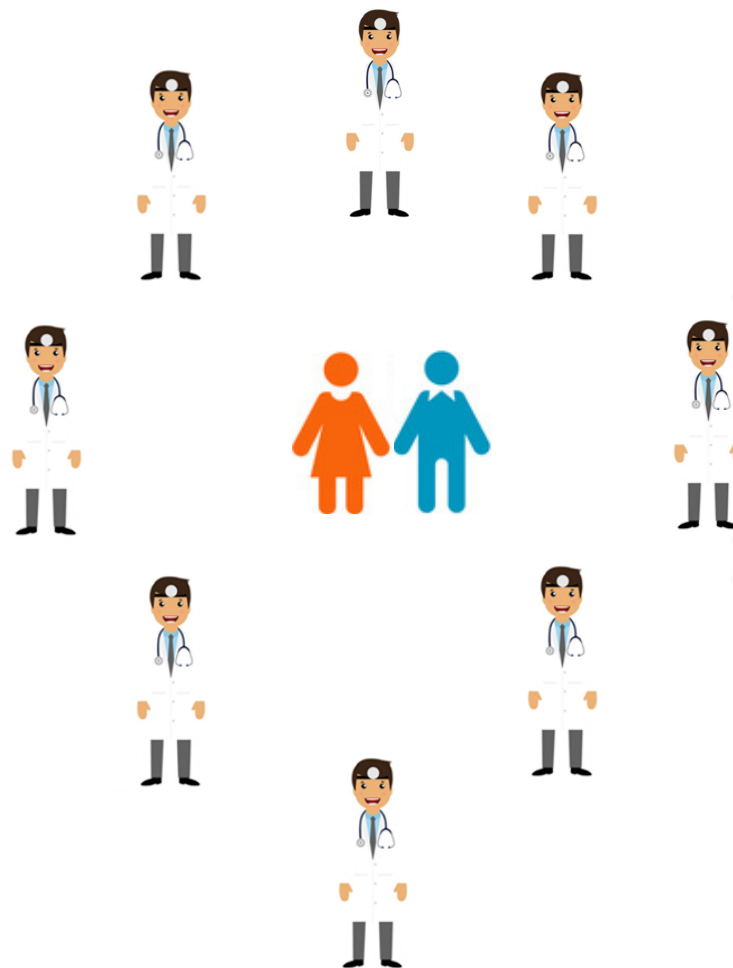


Promoting best practice

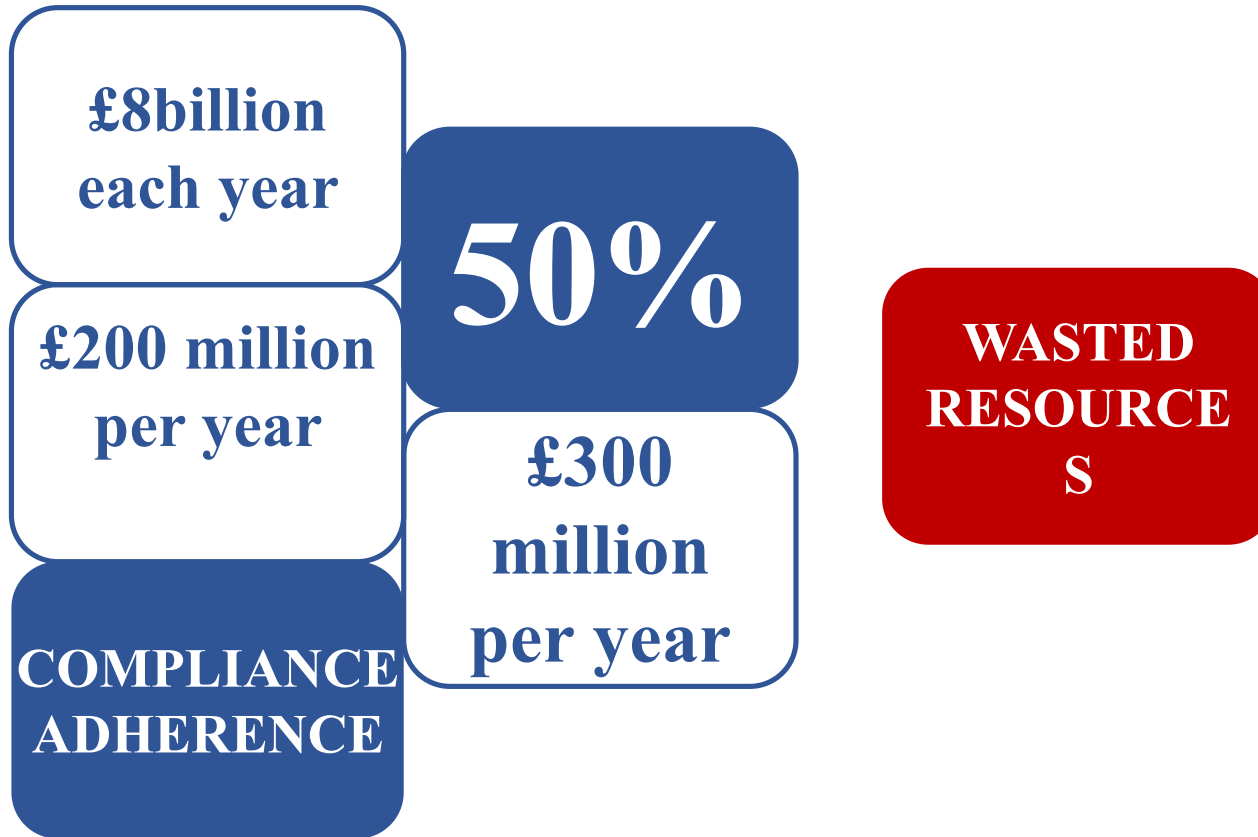
Using technology to enhance patient self-care

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Healthcare Systems



Patient Centred Care



Prevalence of diabetes in the UK¹

¹ Diabetes UK Facts and Stats Oct 2016



**4.5
million**

Estimated number of
people living with
diabetes

3.5 million people
diagnosed with
diabetes

90%
Type 2

10%
Type 1

700 people a day diagnosed

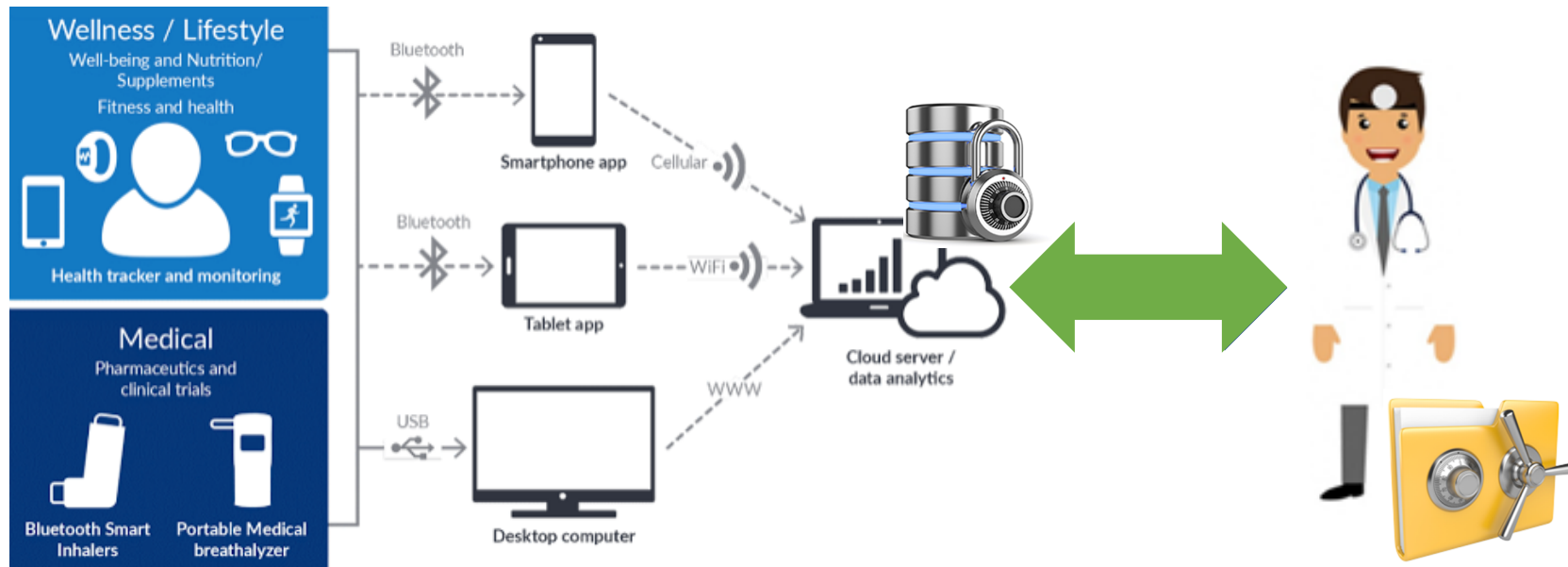
ONE person every TWO minutes



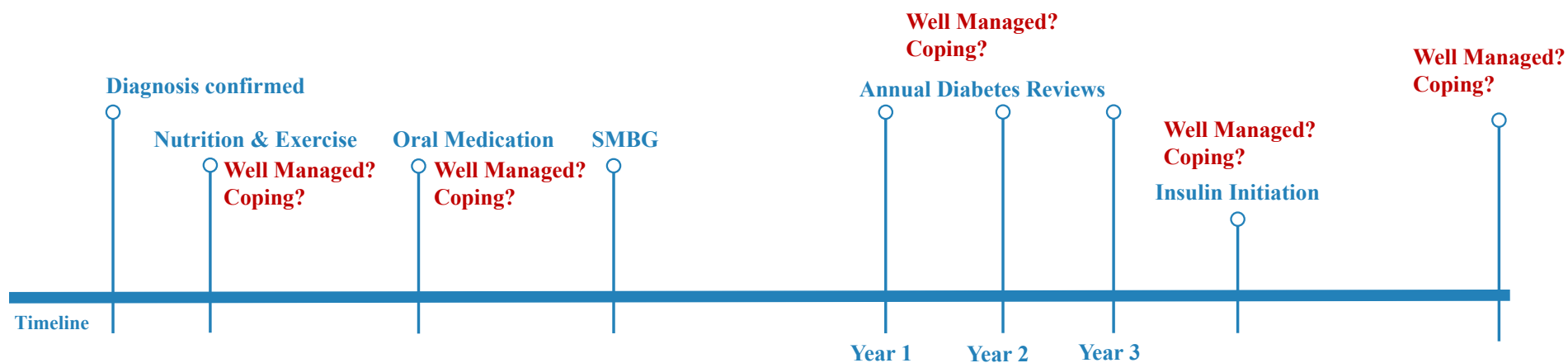
1.1 million who have
diabetes but have not
been diagnosed

Connectivity

GlucorRx



Type 2 Diabetes



Do patients wish to be connected?

Do clinicians wish to have live access to patient data?



DKA predominates as the most common reason for admission to hospital in T1 patients

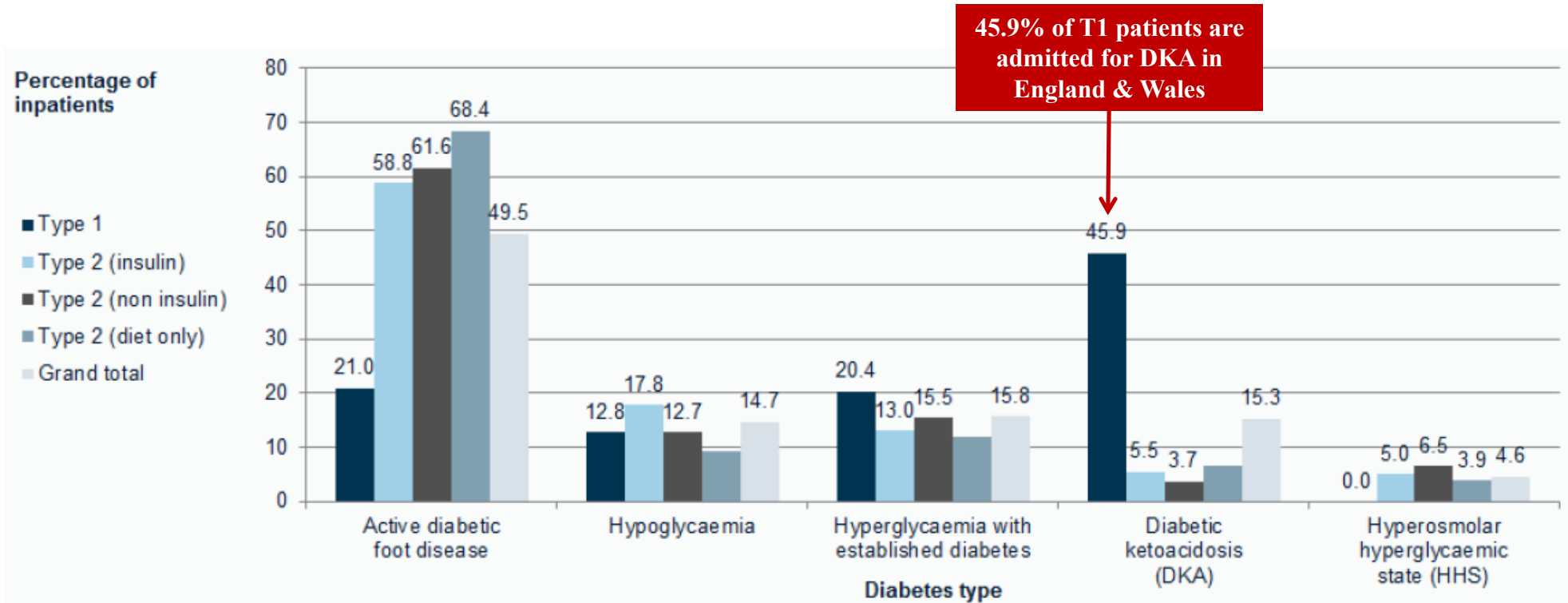
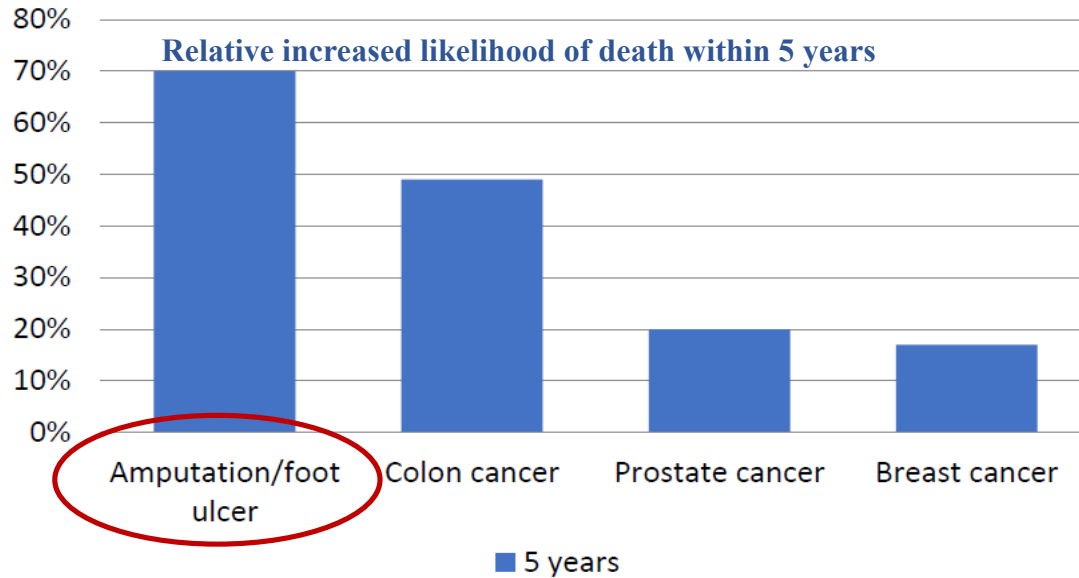


Chart 8: Percentage of inpatients admitted for management of diabetes or a diabetes complication by diabetes type, *England and Wales, 2015. National Diabetes Inpatient Audit 2015, National Report, Published 23 June 2016, Health & Social Care Information Centre.*

NB: Some 3400 cases of DKA develop once a patient has been admitted to hospital. This is thought to arise because of insulin mismanagement by NHS staff (incorrect dosing or timing)

Amputation rates



EDUCATION

PREVENTION

- Each week in the NHS 135 patients have their foot amputated¹
- In 2010-11, the NHS in England spent an estimated £639m-£662m on diabetic foot ulceration and amputation¹
- Only 58% of type 1 patients have a documented foot check¹

¹ National Diabetes Audit 2015/16

Embracing Technology

- <30 years old
- 30 to 50 years old
- >50 years old

Most practices in England do not want to provide online consultations

By Emma Bower on the 15 January 2018

5 comments

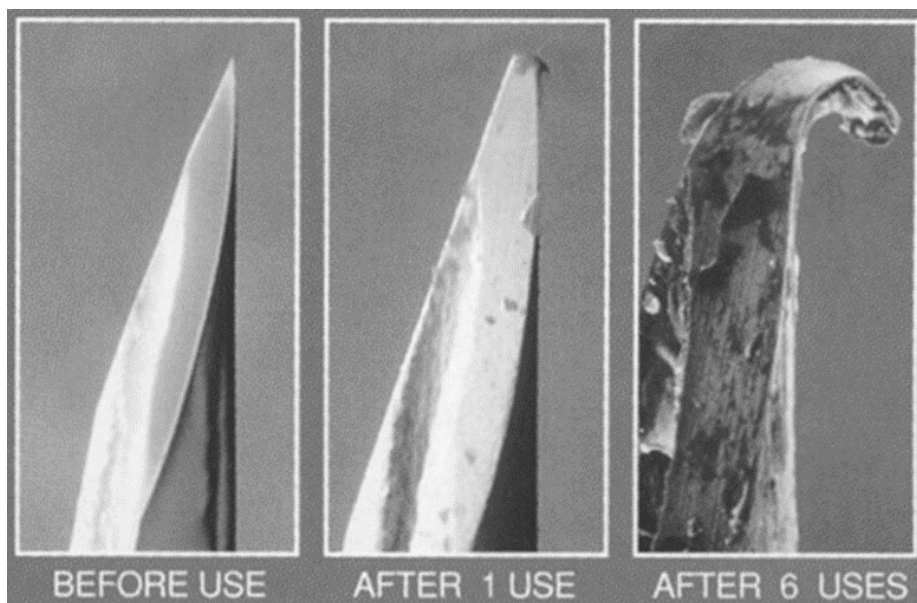
More than half of practices in England have no interest in providing online consultations, despite NHS England ploughing £45m of funding into the initiative as part of the GP Forward View, a GPonline poll suggests.

GlucorRx

What is the relationship like between healthcare systems and technology?

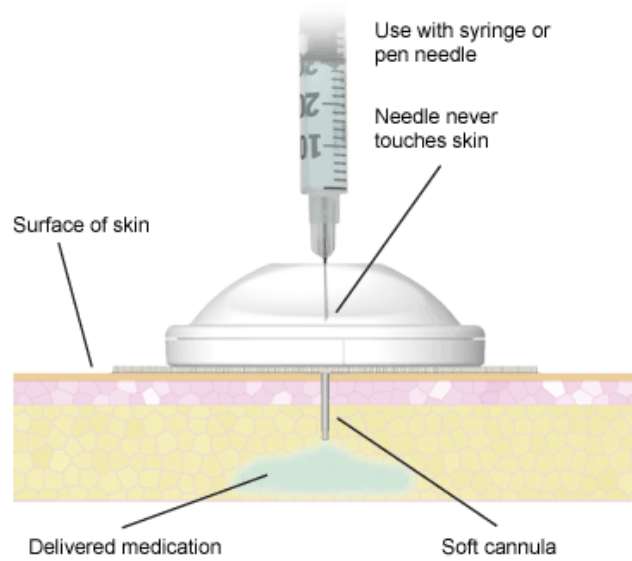
Are healthcare systems embracing technology fast enough?

Diabetes - Challenges



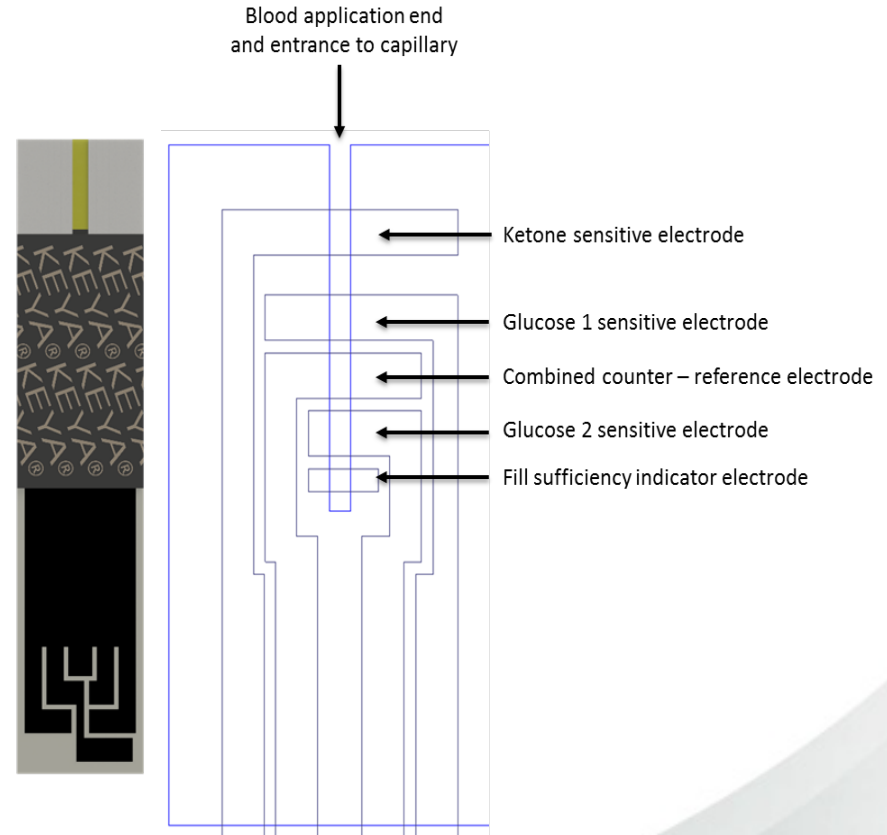
- **Access to BGM and ketone testing**
- **Enhance testing technique**
- **Facilitate communication between clinicians and patients**
- **Reduce the re-utilization of single use sharps**
- **Optimise injection rotation – Reducing incidence of lypohypertrophy**
- **Enhance educational touchpoints**
- **Compliance/Adherence**
- **Footcare/Amputation rates**

Innovation



Non-invasive CGM

Artificial pancreas





Thank You

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