

New Clinical Solutions in Diabetes Care



**Welcome to the
Galpharm Stadium**

and the

***New Clinical Solutions in Diabetes Care
Conference***

2010



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THE UNIVERSITY *of York*



A collaboration...

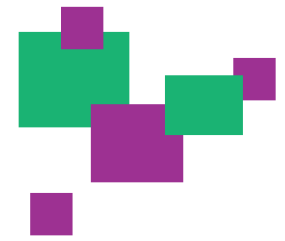


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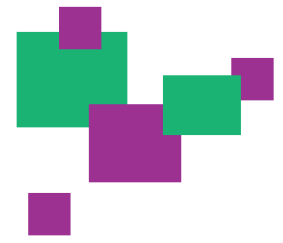
Worldwide 180 million people
have diabetes

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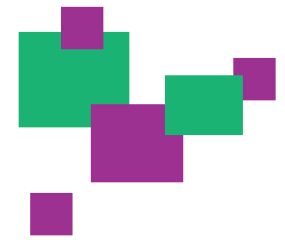
In 2010 the estimated
prevalence of diagnosed and
undiagnosed diabetes in adults
in Yorkshire and the Humber
was 7.5%

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A 45 year old woman diagnosed
with diabetes has a life
expectancy 20 years lower than
all women of the same age

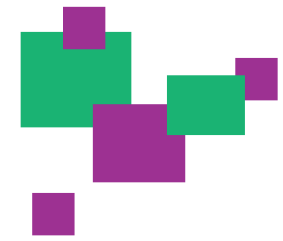
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Diagnosed with diabetes at 45?
No pre-existing complications?

*On average you will incur
£14,000 of treatment for diabetic
complications in your lifetime*

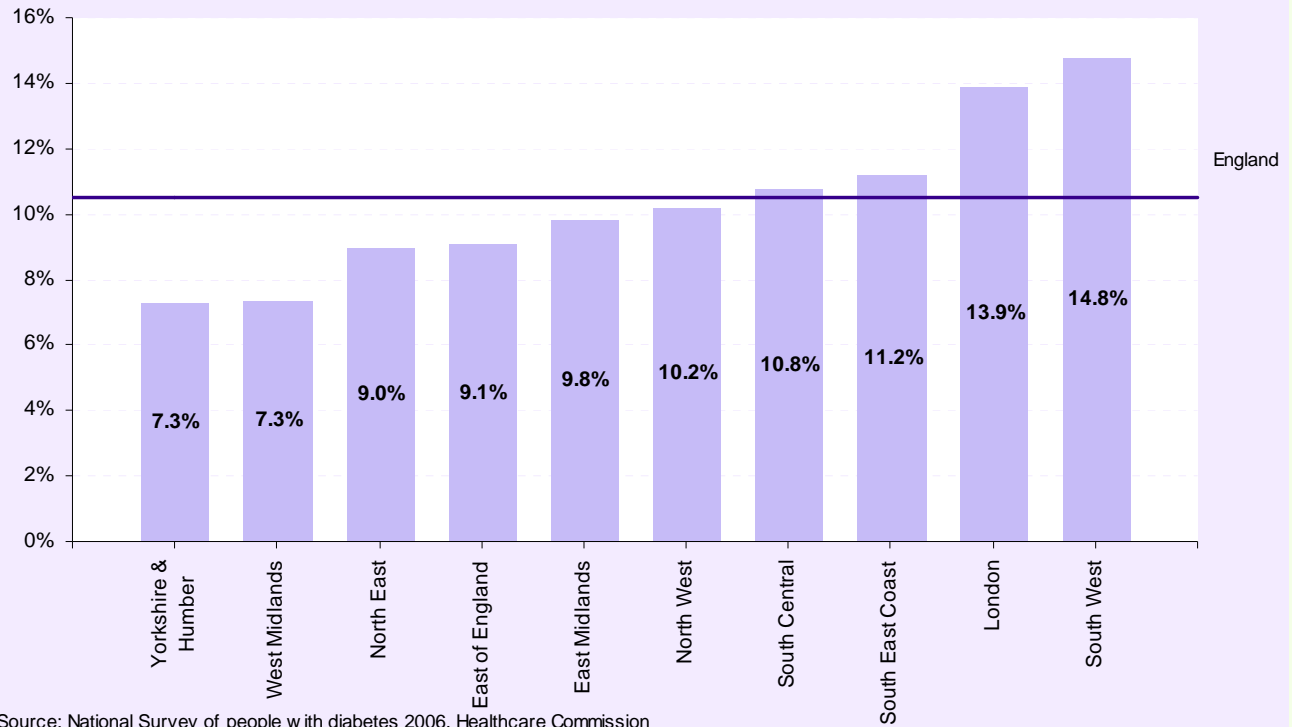
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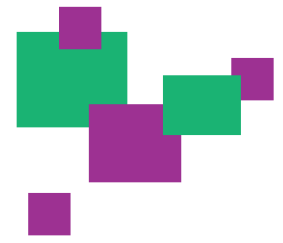
Percentage of
people who
have taken part
in a course to
help manage
their diabetes

(Yorkshire &
Humber below
average)

Percentage of people with diabetes who have participated in an education or training course on how to help manage their diabetes

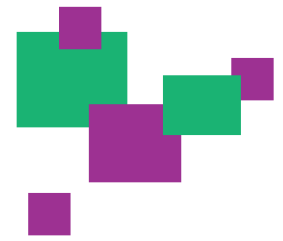


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By 2030 the prevalence of
diabetes in adults across
Yorkshire and the Humber is
estimated to rise to 9.5%

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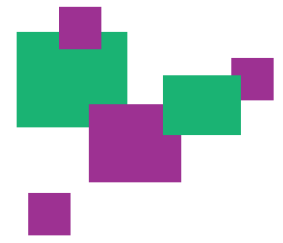
Globally 2.9 million deaths are
attributable to diabetes

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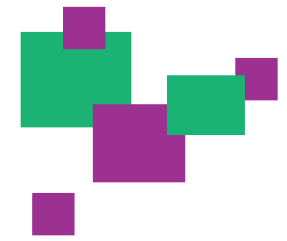
In England about 12% of deaths
between 20 and 79 years
are due to diabetes

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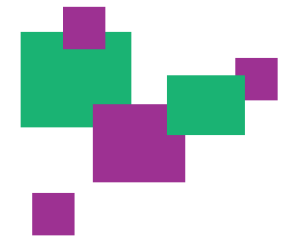
Neuropathy affects 60% - 70%
of people with diabetes

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In 2009/10, diabetic prescriptions
in England cost £598.1 million
(8.5% higher than 2008/09)

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**Invest to save
benefits
everyone!**

*Both
individuals
and tax payers*

NDST 2007



**£1 spent on
supporting self care**



Saves £1.50!



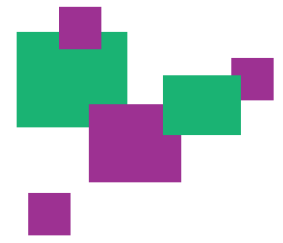
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In 2007/08 there were 1419 emergency admissions for diabetic ketoacidosis and coma in Yorkshire and the Humber.

This does not include A&E attendance, calls to GPs & ambulance calls and the burden for relatives/carers.

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A man diagnosed with diabetes
aged 45 has an 11.5% chance of
dying before his 60th birthday

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In 2009/10 diabetes accounted
for 7.7%
of all prescription costs

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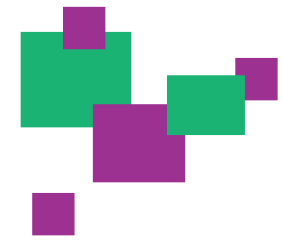
236,711 adults in
Yorkshire and the Humber have
been diagnosed with diabetes

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The global prevalence of
diabetes is likely to double by
2030

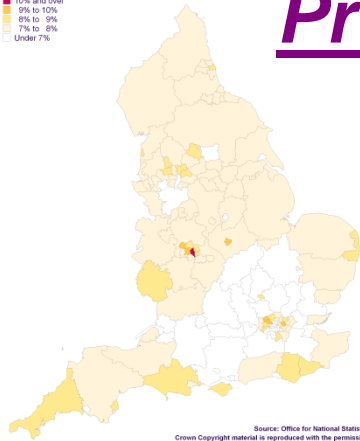
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Diabetes prevalence model by Primary Care Trust

Diabetes Prevalence 2010

- 10% and over
- 9% to 10%
- 8% to 9%
- 7% to 8%
- Under 7%



Produced by YHPHO June 2010

Source: Office for National Statistics
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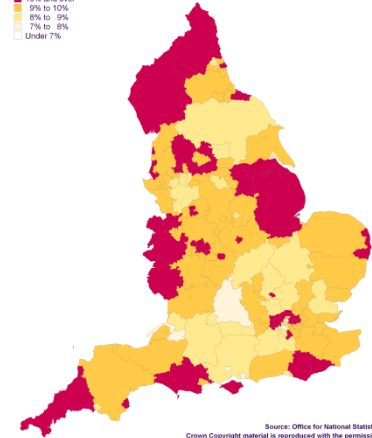
Prevalence of diabetes



Diabetes prevalence model by Primary Care Trust

Diabetes Prevalence 2030

- 10% and over
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2010

2030

Better care now = less complications then
NDST 2007

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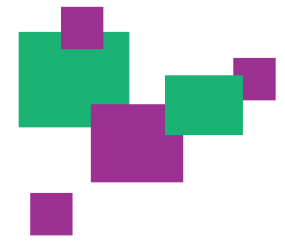
We hope you enjoy the conference!

The Conference Team

THE UNIVERSITY *of York*

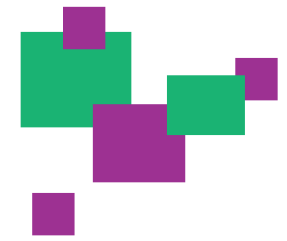


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Conference presentations available on the
University of York health sciences website:
[www.york.ac.uk/healthsciences/cpd/
specialist-areas/long-term/diabetes-
spec/conferences/diabetes-adversity-2010/](http://www.york.ac.uk/healthsciences/cpd/specialist-areas/long-term/diabetes-spec/conferences/diabetes-adversity-2010/)

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In 2008/9 there were 10,700 hospital
admissions for HYPOGLYCAEMIA

... and 10,200 hospital admissions for
HYPERGLYCAEMIA

not including ambulance call outs,

A&E attendance, GP visits etc...

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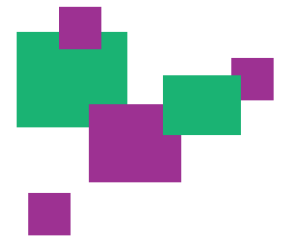
Diabetes is the single largest
cause of blindness in people of
working age in the UK

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**In Yorkshire and the Humber
only 7% of people with diabetes say
they have attended an education or
training course to help them manage
their condition**

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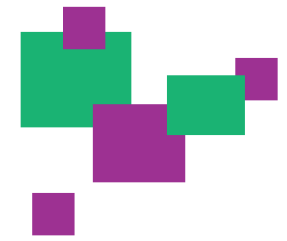
Life expectancy for someone with
Type 1 diabetes
is reduced by 15 years

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Nearly half of people with diabetes report that they *'almost always'* agree a plan to manage their condition

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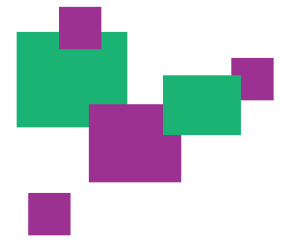


Each of these reduces HbA1c by 1%



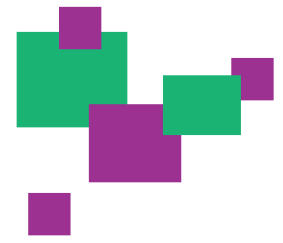
**Are we taking *Therapeutic Education*
seriously? *NDST 2007***

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12.5 million items relating to
diabetes were prescribed in
between April and July 2010

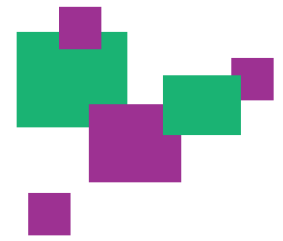
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In 2009/10

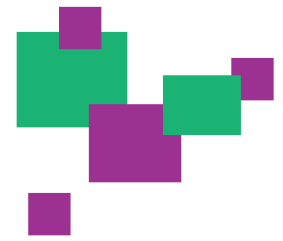
52.5% of adults with diabetes
had an HbA1c measurement of
7% or less

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27% of adults in England with
diabetes have not yet been
diagnosed

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About half of people have
diabetic complications
at the time of diagnosis

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A few examples of costs of interventions:

DAFNE will 'break even' at 4.5 years (£250)

DESMOND per pt per year £50

* * * * *

Metformin: £29 per year

Glitazone: £373-£634 per year

Generic gliclazide: £168 per year

£6535 for the first amputation

£22,224 per year for dialysis (*NDST 2007*)

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**Invest to save
benefits
everyone!**

*Both
individuals
and tax payers*

NDST 2007

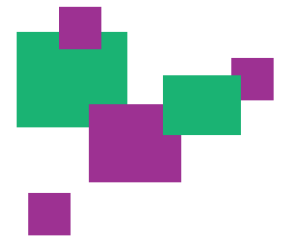


**£1 spent on
supporting self care**



Saves £1.50!

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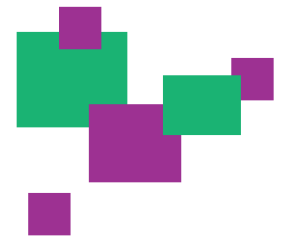
About 30% of people
with type 2 diabetes have
overt kidney disease

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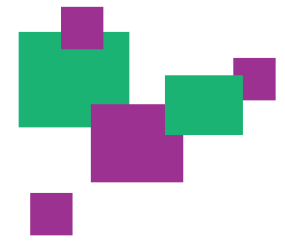
In 2008/2009 only 50% of
patients with Type 2 diabetes
received all recommended care
processes

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47% of type 2 diabetes
is attributable to obesity

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**Voted top university for nursing in
*The Independent University Rankings 2009!***

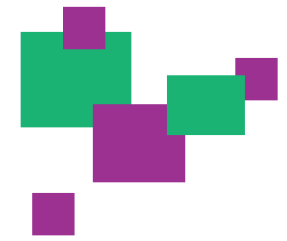


University of
HUDDERSFIELD

**In the *National Student Survey*, University of
Huddersfield health courses all came in the top 25%**



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We hope you enjoy the conference!

The Conference Team



University of
HUDDERSFIELD

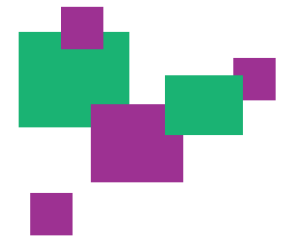


Diabetes
UK



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specialist-areas/long-term/diabetes-
spec/conferences/diabetes-adversity-2010/](http://www.york.ac.uk/healthsciences/cpd/specialist-areas/long-term/diabetes-spec/conferences/diabetes-adversity-2010/)