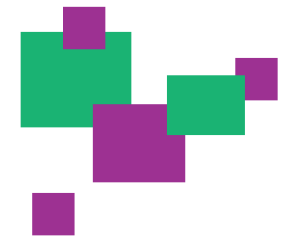


New Clinical Solutions in Diabetes Care

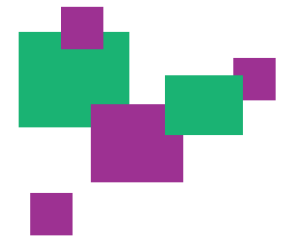


**Welcome to the
Lakeside Conference Centre
and the**

***New Clinical Solutions in Diabetes Care
Conference
2011***



New Clinical Solutions in Diabetes Care



A collaboration:

THE UNIVERSITY *of York*

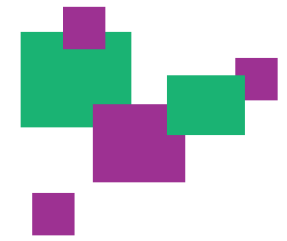


University of
HUDDERSFIELD





New Clinical Solutions in Diabetes Care

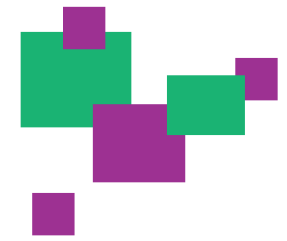


Worldwide 346 million people
have diabetes

World Health Organisation



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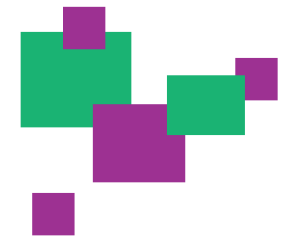


In 2010 the estimated prevalence of
diagnosed and undiagnosed
diabetes in adults in Yorkshire and
the Humber was 7.5%

APHO Diabetes Prevalence Model



New Clinical Solutions in Diabetes Care



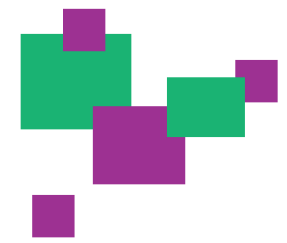
A 45 year old woman diagnosed
with diabetes has a life
expectancy 20 years lower than
all women of the same age

UK Prospective Diabetes Study





New Clinical Solutions in Diabetes Care

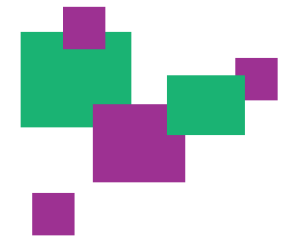


By 2030 the prevalence of
diabetes in adults across
Yorkshire and the Humber is
estimated to rise to 9.5%

APHO Diabetes Prevalence Model



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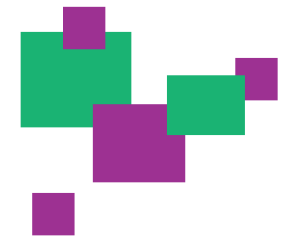


Globally around 3.2 million deaths every year are attributable to complications of diabetes; six deaths every minute.

World Health Organisation



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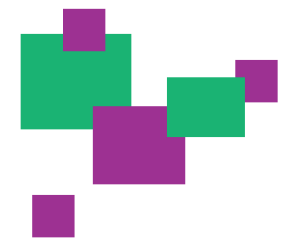
In England about 12% of deaths
between 20 and 79 years
are due to diabetes

YHPHO: Diabetes Attributable Deaths





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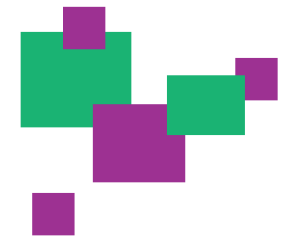


Neuropathy affects 60% - 70%
of people with diabetes

YHPHO: Diabetes Key Facts



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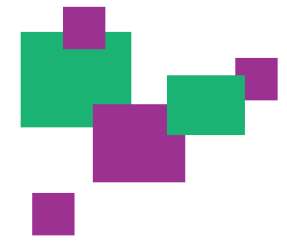


In 2010/11, diabetic prescriptions
in England cost £725.1 million
(11.7% rise in net ingredient cost
since 2009/10)

NHS IC: Prescribing for Diabetes in England



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**Invest to save
benefits
everyone!**

*Both
individuals
and tax payers
NDST 2007*



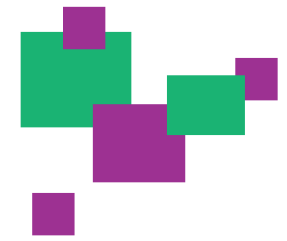
£1 spent on
supporting self care



Saves £1.50!



New Clinical Solutions in Diabetes Care

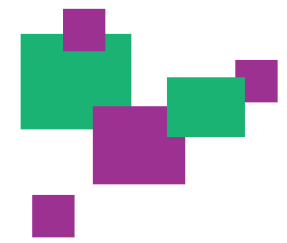


In 2009/10 there were 1,511
emergency admissions for diabetic
ketoacidosis and coma in Yorkshire
and the Humber.

Hospital Episode Statistics, NCHOD, NHS IC



New Clinical Solutions in Diabetes Care



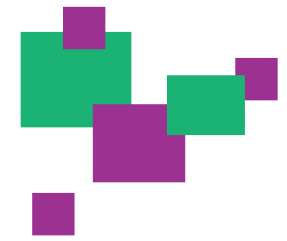
A man diagnosed with diabetes
aged 45 has an 11.5% chance of
dying before his 60th birthday

YHPHO: Diabetes Key Facts





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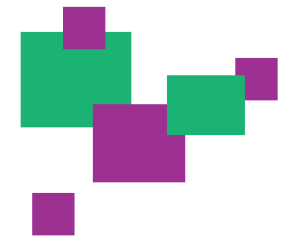


In 2010/11 diabetes accounted
for 8.4%
of all prescription costs

NHS IC: Prescribing for Diabetes in England



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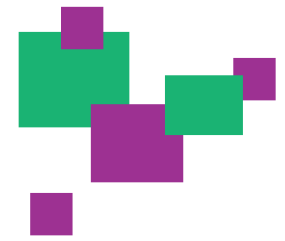
248,887 adults in
Yorkshire and the Humber have
been diagnosed with diabetes

Quality and Outcomes Framework





New Clinical Solutions in Diabetes Care

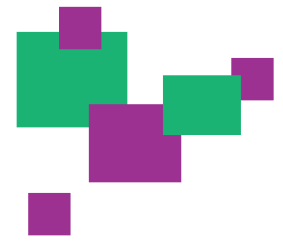


The global prevalence of
diabetes is likely to double by
2030

World Health Organisation



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We hope you enjoy the conference!

The Conference Team



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Conference presentations available on the
University of York health sciences website:

[www.york.ac.uk/healthsciences/
diabetes-conference](http://www.york.ac.uk/healthsciences/diabetes-conference)



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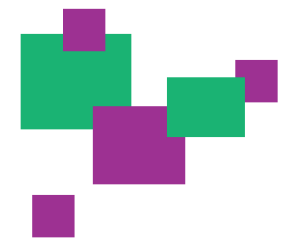


Diabetes is the single largest
cause of blindness in people of
working age in the UK

Diabetes UK



New Clinical Solutions in Diabetes Care



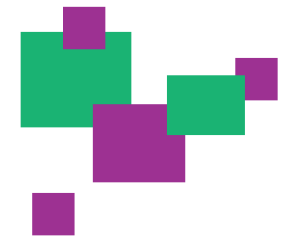
Life expectancy for someone with
Type 1 diabetes
is reduced by 15 years

YHPHO: Diabetes Key Facts





New Clinical Solutions in Diabetes Care

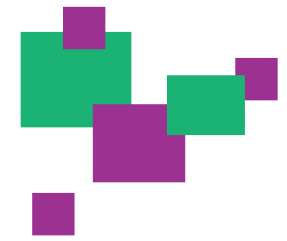


In the financial year 2010/11,
38.3 million items were
prescribed for diabetes

NHS IC: Prescribing for Diabetes in England



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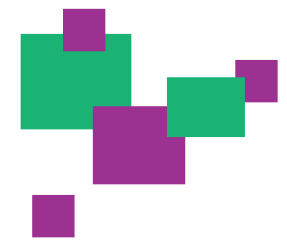
In 2010/11

54.2% of adults with diabetes
had an HbA1c measurement of
7% or less

Quality and Outcomes Framework



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

APHO Diabetes Prevalence Model





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

UK Prospective Diabetes Study



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Invest to save
benefits
everyone!

*Both
individuals
and tax payers
NDST 2007*



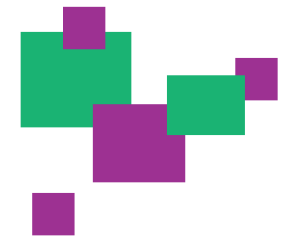
£1 spent on
supporting self care



Saves £1.50!



New Clinical Solutions in Diabetes Care



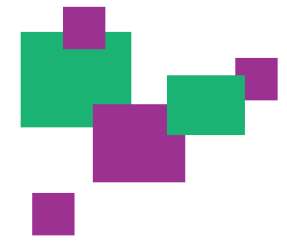
The prevalence of chronic kidney disease resulting from diabetes, varies from 18% to over 30% in all people with diabetes

Diabetes with Kidney Disease: Key Facts





New Clinical Solutions in Diabetes Care

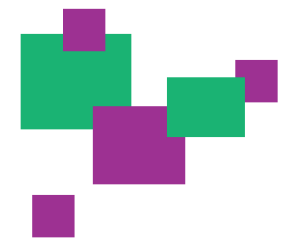


In 2009/10 only 52.9% of patients
with Type 2 diabetes received all
recommended care processes

National Diabetes Audit



New Clinical Solutions in Diabetes Care



In 2009/10 only 31.9% of patients
with Type 1 diabetes received all
recommended care processes

National Diabetes Audit





New Clinical Solutions in Diabetes Care



THE UNIVERSITY *of York*

Voted University of the Year 2010

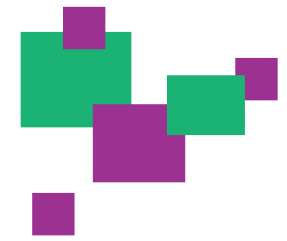
Times Higher Education Awards



University of
HUDDERSFIELD

**Granted a Human Resources (HR) Excellence in Research Award
bestowed by the European Commission.**

New Clinical Solutions in Diabetes Care

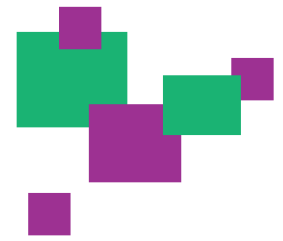


We hope you enjoy the conference!

The Conference Team



New Clinical Solutions in Diabetes Care

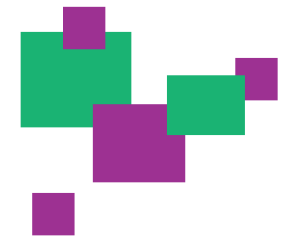


Conference presentations available on the
University of York health sciences website:

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New Clinical Solutions in Diabetes Care



Nationally there are 2.7
amputations per 1,000 adults
with diabetes

Diabetes Footcare Profiles



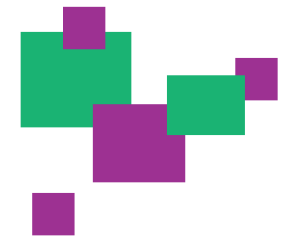
New Clinical Solutions in Diabetes Care



Every year there are 17.6
episodes of care for diabetic foot
disease per 1,000 adults with
diabetes in England

Diabetes Footcare Profiles

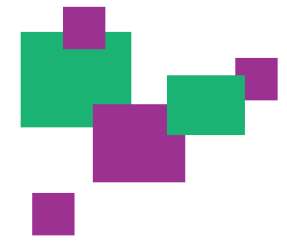
New Clinical Solutions in Diabetes Care



Annually, 184.1 nights are spent
in hospital for diabetic foot
disease per 1,000 people with
diabetes in England

Diabetes Footcare Profiles

New Clinical Solutions in Diabetes Care

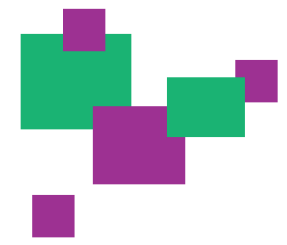


37.1% of audited inpatients with
diabetes experienced at least
one medication error

National Diabetes Inpatient Audit



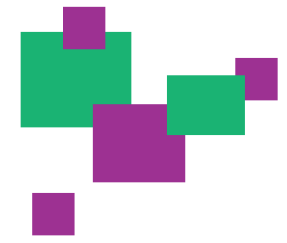
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31.0% of audited sites had no
inpatient diabetes specialist
nurses

National Diabetes Inpatient Audit

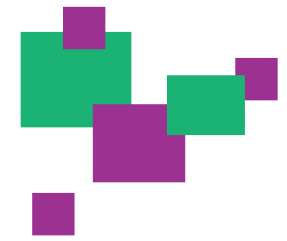
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Only 12.9% of patients had
definitely been involved in
designing a treatment or care
plan

National Diabetes Inpatient Audit

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15.9% of audited inpatients with
diabetes had to have food
brought in to hospital to meet
their needs

National Diabetes Inpatient Audit

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People living in the 20% most deprived neighbourhoods in England are 56% more likely to have diabetes than those living in the least deprived areas

Diabetes Community Health Profiles



New Clinical Solutions in Diabetes Care



Patients with medication errors
had twice the rate of severe
hypoglycaemia (18.1 vs. 7.9%)

National Diabetes Inpatient Audit

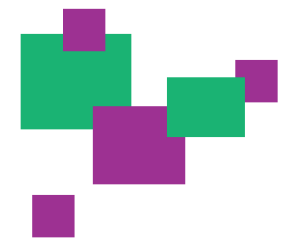
New Clinical Solutions in Diabetes Care



Inpatients reporting poor meal timing or choice were more likely to have a severe hypoglycaemic episode

National Diabetes Inpatient Audit

New Clinical Solutions in Diabetes Care



Insulin errors were more
common than errors with use of
oral hypoglycaemic agents

National Diabetes Inpatient Audit