

CLAHRCBITE

Brokering innovation through evidence

Treatment satisfaction in insulin-treated type 2 diabetes patients in Europe



Results

Individuals who received diabetes education were more satisfied.
Metabolic poorly controlled individuals were less satisfied with their treatment.

Who needs to know?

- Health care providers
- Policy makers
- Medical Insurance companies

What did we do:

To investigate which demographic and clinical characteristics are associated with treatment satisfaction in insulin-treated type 2 diabetes patients, we used data from the GUIDANCE study. This was a cross-sectional study with type 2 diabetes patients from Belgium, France, Germany, Ireland, Italy, Sweden, the Netherlands and the UK; the majority was recruited from primary care. We analysed Diabetes Treatment Satisfaction Questionnaire scores of 1984 insulin-treated individuals with a linear mixed model.

What we found and what does this mean:

Insulin-treated type 2 diabetes patients were more satisfied with their treatment when they had received diabetes education, had a macrovascular complication and a better health status. They were less satisfied when they had worse perceived and actual metabolic control. There was no association between insulin regimen and treatment satisfaction, which is favourable.

What next:

Treatment satisfaction is an important indicator of quality of care and should be incorporated in clinical care and future trials. Policy makers and insurance companies should make sure that health care workers have sufficient time to address treatment satisfaction, and to provide their patients with diabetes education.

Evidence:

Boels AM, Vos RC, Hermans TGT, et al. What determines treatment satisfaction of patients with type 2 diabetes on insulin therapy? An observational study in eight European countries. *BMJ Open* 2017;7:e016180. doi:10.1136/bmjopen-2017-016180

What is NIHR CLAHRC EM?

NIHR Collaborations for Leadership in Applied Health Research and Care (CLAHRCs) are collaborations between the NHS, universities and local organisations. Our goals are to conduct applied health research across the East Midlands and translate our research findings into improved outcomes for the public.

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