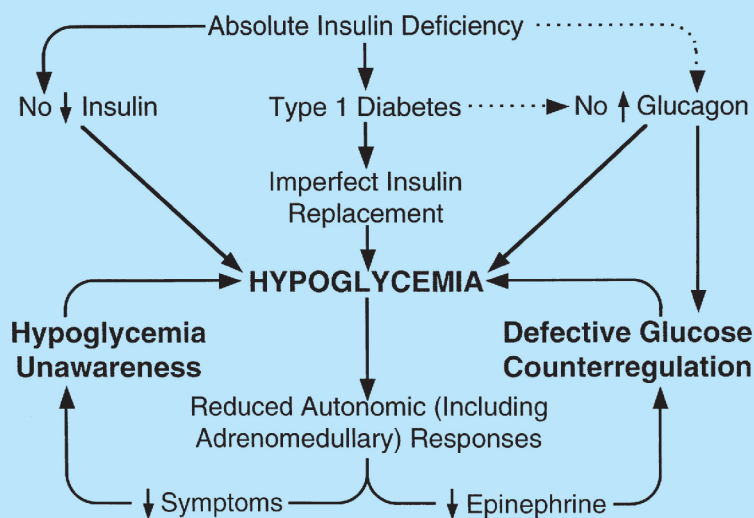


# CLAHRCBITE

Brokering innovation through evidence

## Predicting hospital stay, mortality and readmission in people admitted for hypoglycaemia

### *Hypoglycemia-Associated Autonomic Failure*



### Results

A simple and pragmatic tool has been developed to predict in-hospital death and 24 h discharge in people admitted for hypoglycaemia.

### Who needs to know?

- Hospital physicians
- Particular acute care physicians
- Diabetologists.

### **What did we do:**

We have developed and validated prediction models to estimate risk of inpatient death, 24 h discharge and one month readmission in people admitted to hospital for severe hypoglycaemia.

### **What we found and what does this mean:**

This model enables hospital physician to estimate relevant in-patient outcomes and has the potential to reduce mortality and improve discharge in people admitted for hypoglycaemia.

### **What next:**

We have developed a calculator of probabilities and are planning to implement it in a mobile app to be tested in a randomised controlled trial.

### **Evidence:**

Zaccardi F, Webb DR, Davies MJ, Dhalwani NN, Gray LJ, Chatterjee S, et al. Predicting hospital stay, mortality and readmission in people admitted for hypoglycaemia: prognostic models derivation and validation. *Diabetologia*. 2017;1-9. <http://dx.doi.org/10.1007/s00125-017-4235-1>

### **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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