



People with Diabetes Undergoing Elective Surgery

The Responsibilities of Primary Care

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Excess Mean Length of Stay in Diabetes Inpatients Aged 18 – 60 Years

269,265 Diabetes Discharges and 4,411,593 Matched Controls

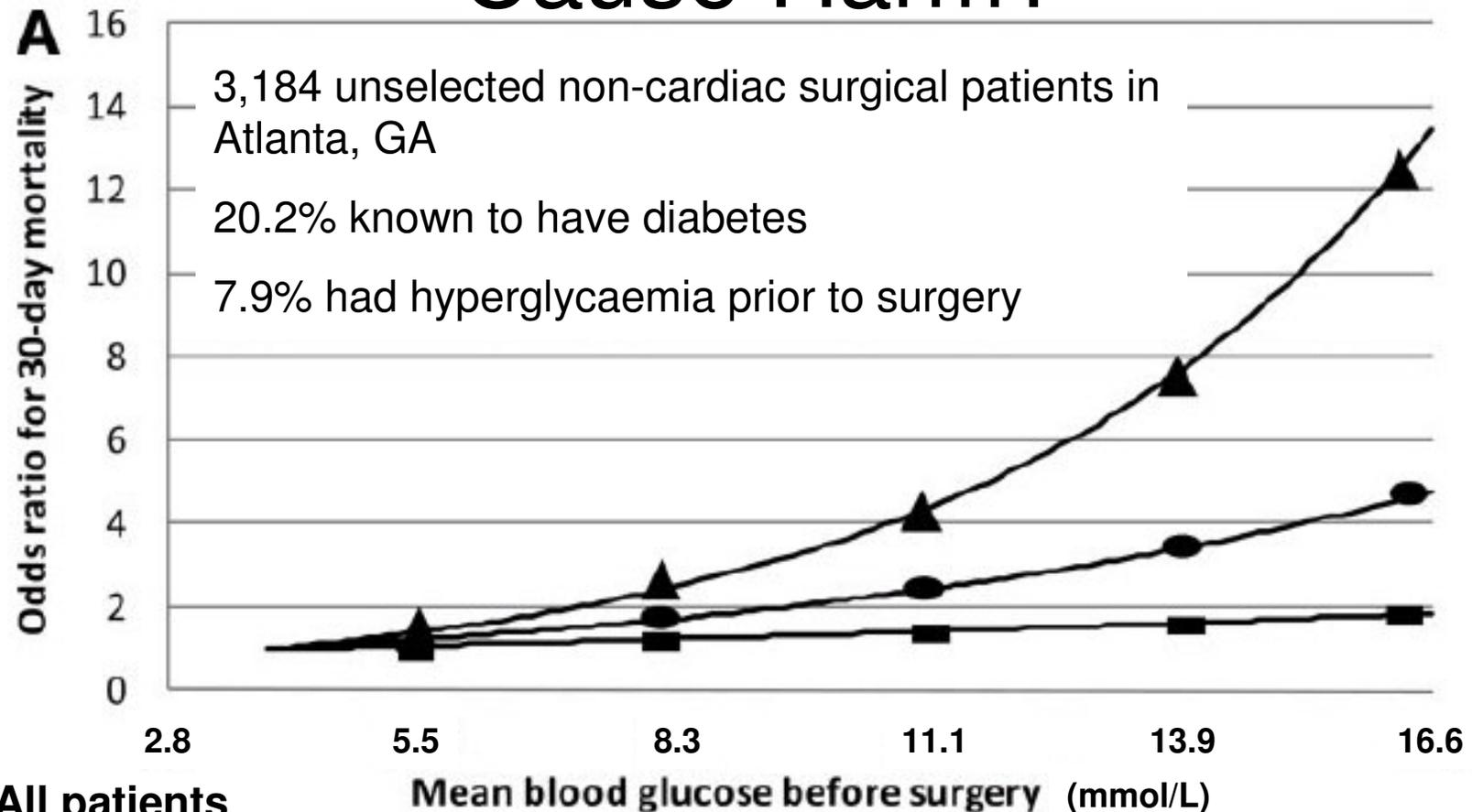
	Mean LOS (days)			Excess LOS (days)			n		
	E10	E11	C	E10	E11	E10	E11	C	
Surg.	5.4 (0.1)	5.1 (0.1)	4.2 (0.2)	1.2	0.9	18,032	32,135	1,501,453	
T & O	4.8 (0.1)	5.3 (0.2)	4.6 (0.1)	0.2	0.7	8,178	12,203	885,606	
GM	4.8 (0.2)	5.4 (0.2)	4.4 (0.1)	0.4	1.0	70,988	82,446	1,709,553	
Card.	4.2 (0.1)	4.2 (0.1)	3.8 (0.1)	0.4	0.4	5,307	15,009	229,784	
MFE	4.8 (0.2)	5.6 (0.2)	4.7 (0.1)	0.1	0.1	2,444	4,549	85,197	

E10 = Type 1 diabetes E11 = Type 2 diabetes c = controls

English Hospitals, 4 consecutive years of discharges 2000-2004

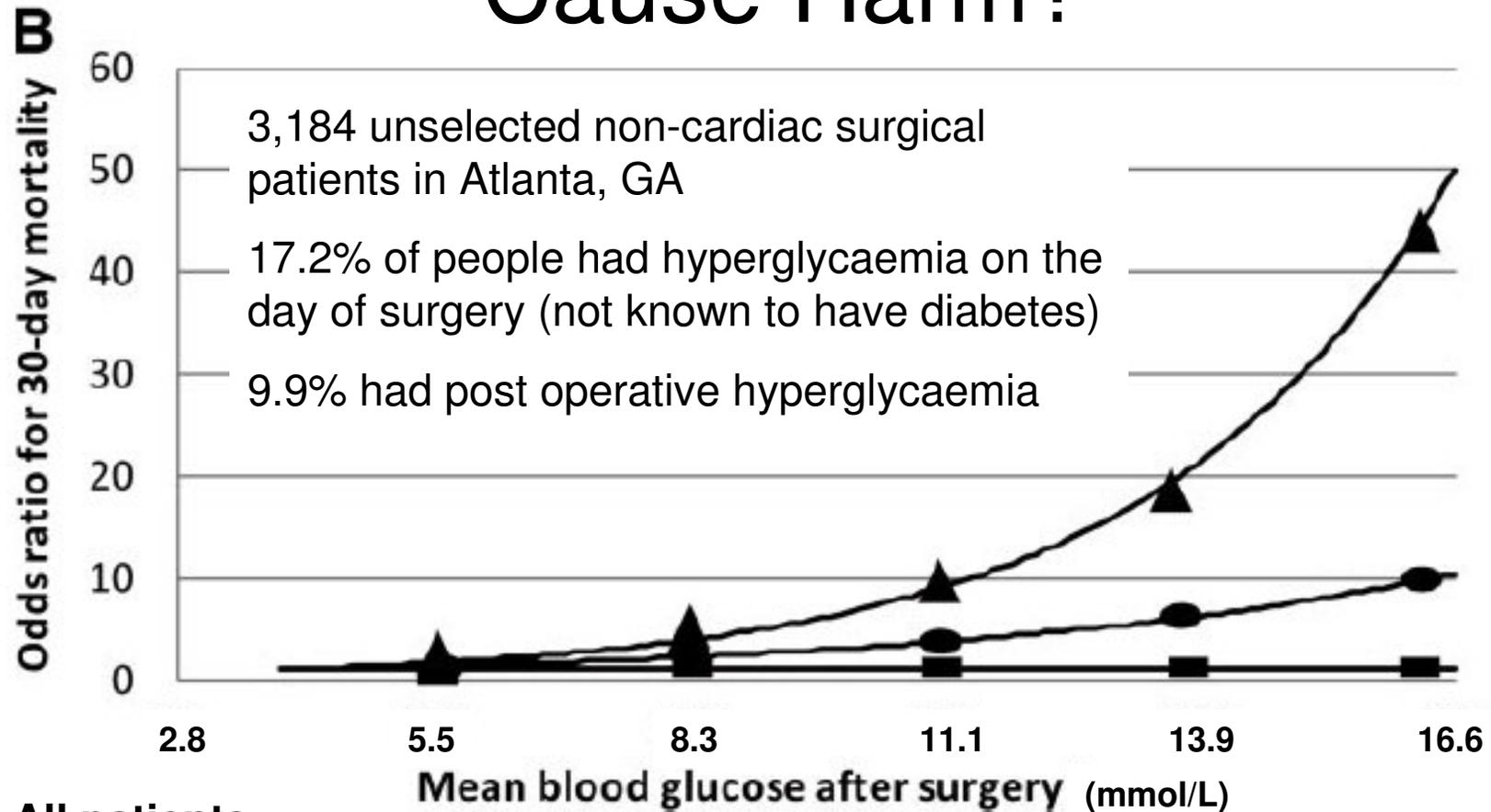
Sampson MJ et al Diabetes Research & Clinical Practice 2007;77(1):92-98

Do High Admission Glucose Levels Cause Harm?



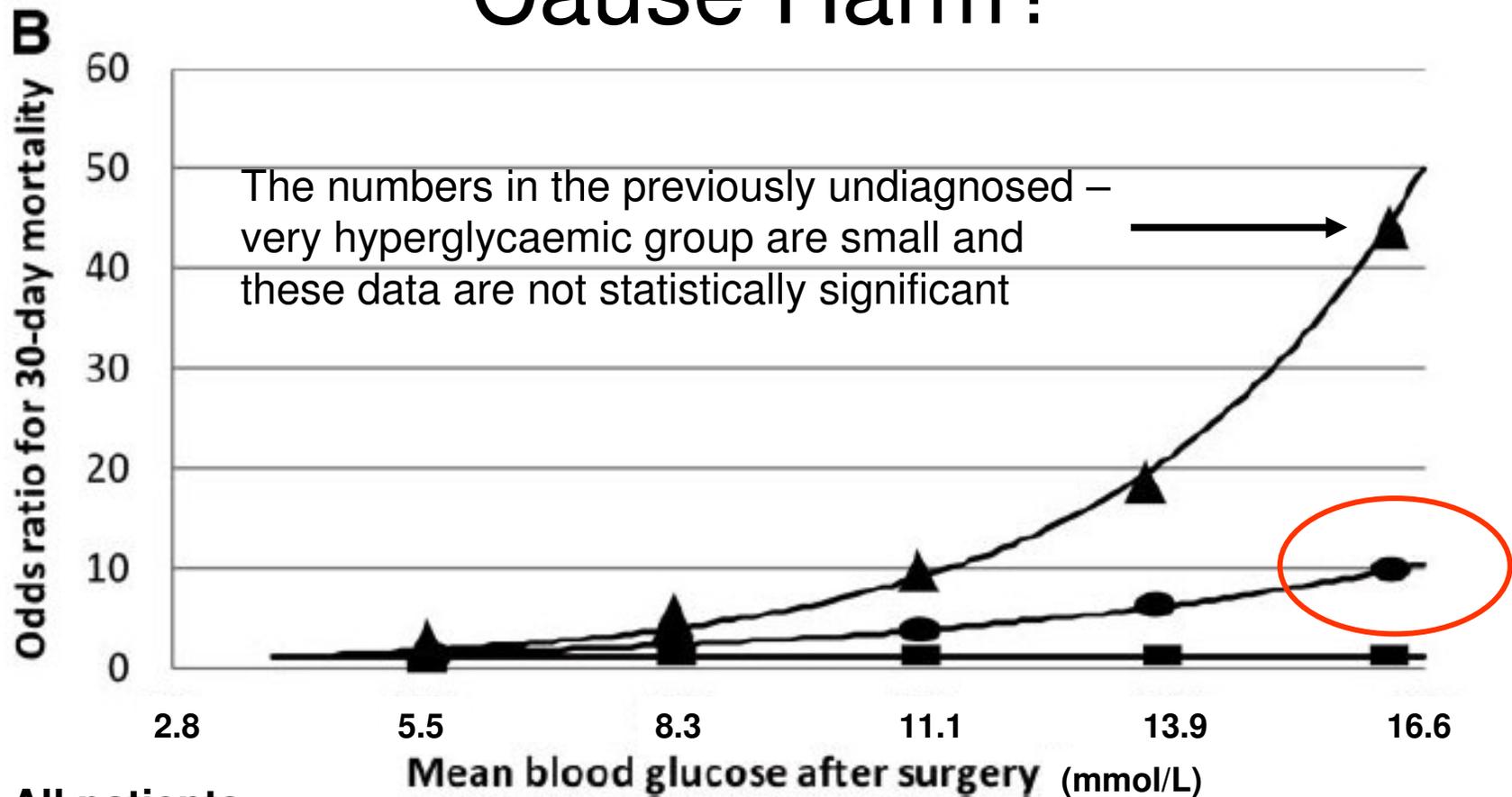
- All patients
- Patients with diabetes
- ▲ Patients without diabetes

Do High Admission Glucose Levels Cause Harm?



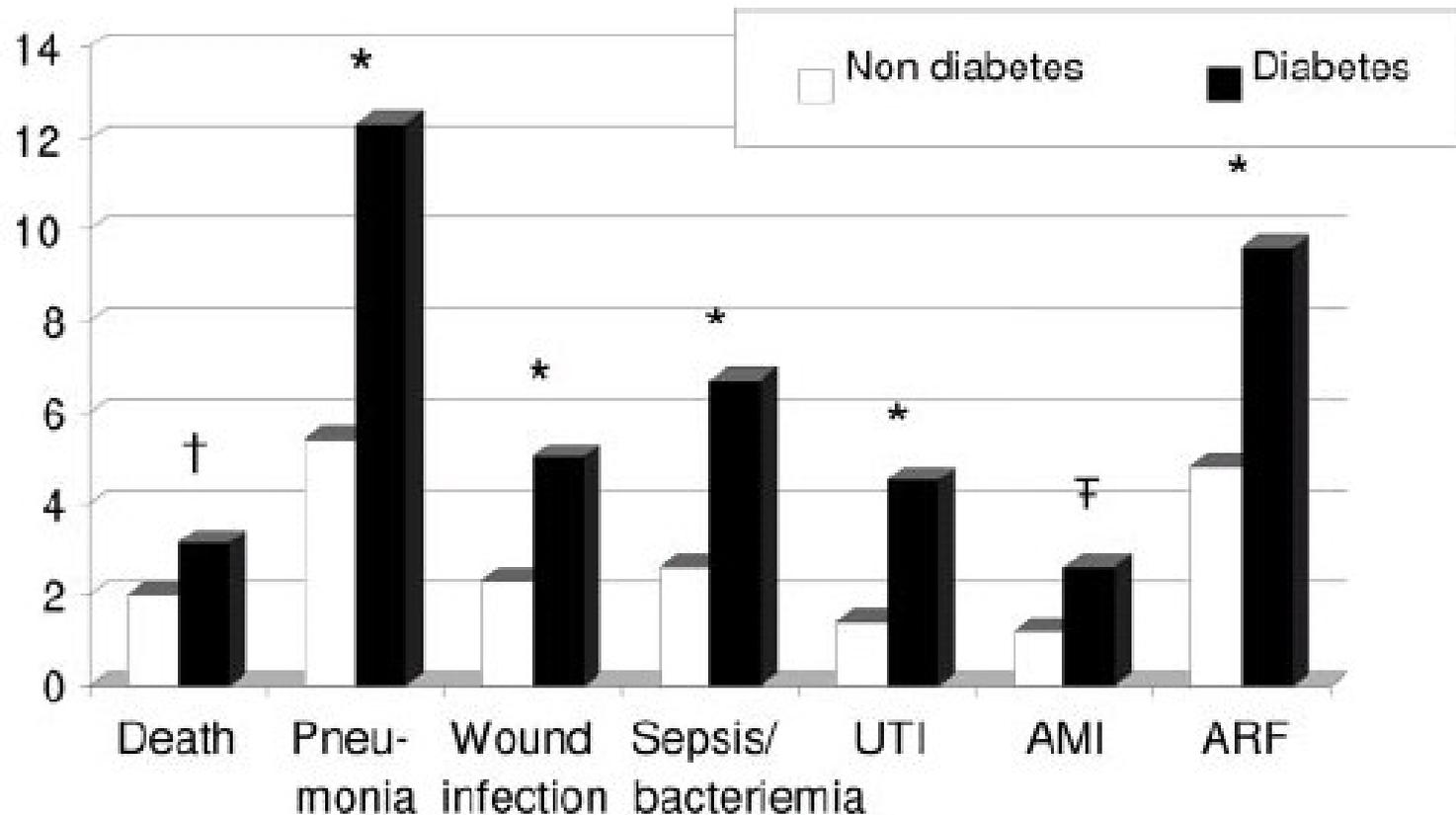
- All patients
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Do High Admission Glucose Levels Cause Harm?



- All patients
- Patients with diabetes
- ▲ Patients without diabetes

Do High Admission Glucose Levels Cause Harm?



Fortunately
There is
This.....

Diabetes UK Position Statements and Care Recommendations

NHS Diabetes guideline for the perioperative management of the adult patient with diabetes*

K. Dhatariya¹, N. Levy², A. Kilvert³, B. Watson⁴, D. Cousins⁵, D. Flanagan⁶, L. Hilton⁷, C. Jairam⁸, K. Leyden³, A. Lipp¹, D. Lobo⁹, M. Sinclair-Hammersley¹⁰ and G. Rayman¹¹
for the Joint British Diabetes Societies

Diabet. Med. 29, 420–433 (2012)

The image shows the cover of an NHS Diabetes guideline. At the top, there is a horizontal timeline with five stages: 'Pre-operative Care', 'Pre-operative Assessment', 'Hospital Admission', 'Theatre and Recovery', and 'Discharge'. The NHS logo is in the top right corner, with the word 'Diabetes' below it. The main title is 'Management of adults with diabetes undergoing surgery and elective procedures: improving standards'. At the bottom right, the slogan 'Supporting, Improving, Caring' is visible. The background features a large, stylized puzzle piece graphic.

Supporting, Improving, Caring

National Guidelines

- Document divided into sections:
 - Primary care
 - Surgical outpatients
 - Pre-operative assessment clinic
 - Hospital admission
 - Theatre and recovery
 - Post-operative care
 - Discharge



Primary Care Responsibilities

- Duration and type of diabetes
- Place of usual diabetes care (primary or secondary)
- Other co-morbidities
- Treatment
 - for diabetes oral agents/ insulin doses and frequency
 - for other co-morbidities
- Complications
 - At risk foot
- Renal impairment
- Cardiac disease
- Relevant measures
- BMI
- BP
- HbA1c
- eGFR



What Can You Do?

- Ensure that all patients with diabetes on your list are labelled as having diabetes
- Ensure that if a patient is referred for surgery, that you or your GP colleagues give all of the relevant information on the referral letters
- Try to optimise their glycaemic control prior to referral for surgery



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Thank you for your attention

www.norfolkdiabetes.com

