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Article:

Mounce, LTA, Steel, N, Hardcastle, AC et al. (6 more authors) (2014) Patient characteristics predicting failure to receive indicated care for type 2 diabetes. Diabetes Research and Clinical Practice, 107 (2). pp. 247-258. ISSN 0168-8227

https://doi.org/10.1016/j.diabres.2014.11.009

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Figure 1. Deriving the numerators and denominators of the glycated haemoglobin (HbA1c), proteinuria and foot examination quality indicators from ELSA questions.

Core ELSA participants in 2008-9 and 2010-11 **n=8,222**



Responded "yes" to "Has a doctor ever told you that you have diabetes?" at any wave up to and including the current wave.

2008-9 n=746; 2010-11 n=911

HbA1c



Eligible participants gave a "yes/no" response to "Have you ever had a special blood test to see how well your blood sugar was controlled? This test is called a glycosylated haemoglobin, or haemoglobin Alc, or fructosamine. This is a blood test taken at a doctor's surgery or health centre or laboratory."

Denominators: 2008-9 n=693; 2010-11 n=864



If "yes" to having had an HbA1c test, then asked "Have you had this test (glycosylated haemoglobin or fructosamine) performed in the past 12 months?"

QI failed for participants who responded "no" to either question.

Numerators: 2008-9 n=130; 2010-11 n=154

(Participants answering "don't know" excluded 2008-9 n=1; 2010-11 n=3)

Proteinuria



Eligible participants answered "no" to "Has a doctor ever told you that your diabetes has caused trouble with your kidneys?" (2008-9 n=615; 2010-11 n=773), AND answered "no" to "I would like to check whether any of the medications you are taking are on this list of ACE inhibitor or A2 receptor blockers? [shown list of ACE inhibitors]" (2008-9 n=277; 2010-11 n=357) AND gave a "yes/no" response to "Have you had a urine test for protein in the last 12 months?"

Denominators: 2008-9 n=273; 2010-11 n=349



QI failed for participants who responded "no". Numerators: 2008-9 n=58; 2010-11 n=76

Foot examination

Eligible participants gave a "yes/no" response to "Some doctors suggest that some patients with diabetes have a regular foot examination. In the past year, has any doctor or nurse examined your bare feet?"

Denominators: 2008-9 n=735; 2010-11 n=905



QI failed for participants who responded "no". Numerators: 2008-9 n=129; 2010-11 n=150