

Obesity Prediabetes and Diabetes A1c Control

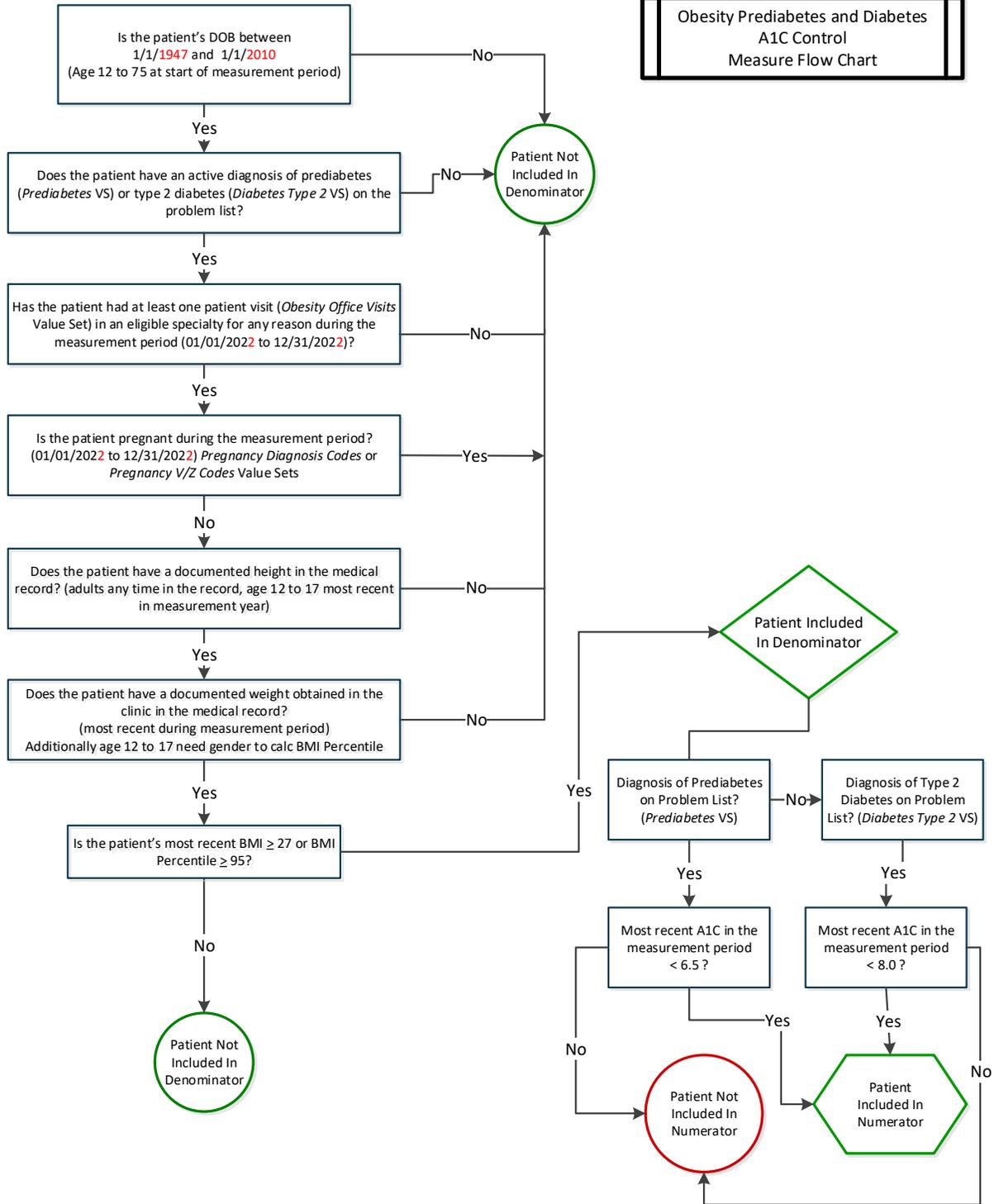
Measure	Obesity Prediabetes and Diabetes A1c Control	
Description	The percentage of patients 12 to 75 years of age with a diagnosis of type 2 diabetes or prediabetes and whose most recent BMI is ≥ 27 /BMI Percentile ≥ 95 during the measurement period. HbA1c target for patients with a diagnosis of prediabetes is less than 6.5. HbA1c target for patients with a diagnosis of type 2 diabetes is less than 8.0	
Measurement Period	January 1 through December 31, 202 x	
Eligible Population	Eligible Specialties	Family Medicine, Internal Medicine, Pediatrics, and Endocrinology
	Ages	12 years or older at the start of the measurement period
	Event	Diagnosis of pre-diabetes (<i>Prediabetes VS</i>) OR type 2 diabetes (<i>Diabetes Type 2 VS</i>) Office visit during the measurement period (<i>Obesity Office Visits VS</i>) and with office recorded height and weight and Most recent BMI in measurement period is ≥ 27 (age 18 to 75) OR BMI Percentile ≥ 95 (age 12 to 17)
Denominator	The eligible population	
Numerator	The number of patients in the denominator with prediabetes who have the most recent HbA1c is less than 6.5 OR diabetes with an HbA1c less than 8.0.	
Exclusions	Pregnancy during the measurement period. (<i>Pregnancy V/Z Codes VS</i> , <i>Pregnancy Diagnosis Codes VS</i> , <i>Diabetes with Pregnancy VS</i>)	
Measure Scoring	Rate/Proportion	
Interpretation of Score	Higher score indicates better quality	
Measure Type	Outcome	

Key Data Elements Needed to Calculate Measure:

- Birthdate for age calculation
- Height and weight for adult BMI calculation; recorded in office (not patient report)
- Height, weight, and gender for pediatric BMI percentile calculation; recorded in office (not patient report)
- HbA1c lab value
- CPT office visit codes
- ICD-10 diagnosis codes (from problem list) for denominator
- ICD-10 diagnosis codes (encounter) for pregnancy exclusion

Measure Algorithm

Obesity Prediabetes and Diabetes A1C Control Measure Flow Chart



Value Sets for Measure

Office Visits (Denominator)

- OB-1 *Obesity Office Visits*

Diagnosis of Prediabetes or Type 2 Diabetes (Denominator)

- DM-01 subset *Diabetes Type 2*
- OB-05 *Prediabetes*

Pregnancy (Exclusion)

- DM-02 *Diabetes with Pregnancy*
- PREG-01 *Pregnancy V/Z- Codes*
- PREG-02 *Pregnancy Diagnosis Codes*

HbA1c Tests (Numerator)

- A1c-01 *Hemoglobin A1c*

Diagnosis of Pre-Diabetes Value Set (Denominator) OB-05 *Prediabetes* Value Set

ICD-10 Code	ICD-10 Diagnosis Code Description
R73.03	Prediabetes (latent diabetes)
R73.01	Impaired fasting glucose
R73.02	Impaired glucose tolerance (oral)