

Supplemental Materials

Identification of Antidepressant Medications

Antidepressant medications were identified on the basis of National Drug Codes from a list developed by the Healthcare Effectiveness Data and Information Set to facilitate antidepressant medications management.²³

Classification of Depression and Self-harm

The following ICD-10 codes were used to classify depression:

F32.0: Mild depressive episode;
F32.1: Moderate depressive episode;
F32.2: Severe depressive episode without psychotic symptoms;

F32.3: Severe depressive episode with psychotic symptoms;
F32.8: Other depressive episodes;
F32.9: Depressive episode, unspecified;
F33.0: Major Depressive Disorder, recurrent, mild;
F33.1: Major Depressive Disorder, recurrent, moderate;
F33.2: Major depressive disorder, recurrent severe without psychotic features;
F33.3: Major depressive disorder, recurrent, severe with psychotic symptoms;
F33.4: Major depressive disorder, recurrent, in remission;
F33.8: Other recurrent depressive disorders;

F33.9: Major depressive disorder, recurrent, unspecified; and
F34.1: Dysthymic Disorder.

The following ICD-10 codes were used to classify self-harm:

X60-X84: Intentional self-harm; and
Z91.5: Personal history of self-harm.

SUPPLEMENTAL REFERENCES

23. National Committee for Quality Assurance. HEDIS 2017 final NDC lists. Available at: <https://www.ncqa.org/hedis/measures/hedis-2017-national-drug-code-ndc-license/hedis-2017-final-ndc-lists/>. Accessed December 25, 2020

SUPPLEMENTAL TABLE 5 Incremental Yield of PHQ-9A Screening Strategies With and Without ASQ Screening

PHQ-9A Screening Strategy	Proportion Positive, % (95% CI)	Additional Yield From ASQ Screening, % (95% CI)
No PHQ-9A screening	—	21.0 (18.3–24.0)
Past-month serious thoughts about ending life	12.1 (9.9–14.6)	11.6 (9.5–14.0)
PHQ-9A screen for MDD	24.7 (21.7–27.8)	8.3 (6.5–10.5)
PHQ-9A screen for MDD or past-month serious thoughts about ending life	29.0 (25.9–32.3)	5.9 (4.3–7.7)
PHQ-9A for any depression	56.4 (52.9–59.9)	2.2 (1.3–3.5)
PHQ-9A for any depression or past-month serious thoughts about ending life	57.0 (53.5–60.5)	2.0 (1.1–3.2)

This table provides the proportion and 95% confidence interval that would be positive after each specific PHQ-9A strategy and the additional yield from screening with the ASQ. These findings are illustrated in Fig 1. CI, confidence interval; —, not applicable.