

SCG8 Pre-surgical screening for depression

%age of patients, regardless of age, undergoing surgical, therapeutic or diagnostic procedures under anesthesia where the patient a received a formal pre-surgical screening for depression using an age appropriate standardized depression screening tool AND if positive, a follow-up plan is documented on the date of the positive screen

2019 OPTIONS FOR INDIVIDUAL MEASURES:

SCG Health, SpectraMedix eMeasures360™ QCDR

NATIONAL QUALITY STRATEGY DOMAIN: Effective Clinical Care

MEASURE TYPE: Process

HIGH PRIORITY STATUS: Not applicable

SPECIALTY RECOMMENDATION: Surgical/Procedural Care

MEANINGFUL MEASURE AREA: Prevention, Treatment, and Management of Mental Health

NOF NUMBER: Not applicable

PERFORMANCE NOTES: Traditional (not inverse), single (1) proportional performance calculation

RISK ADJUSTMENT: No

INSTRUCTIONS:

This measure is to be reported **each denominator eligible visit** during the 12 month performance period for patients undergoing surgical, therapeutic or diagnostic procedures under anesthesia. This measure may be reported by eligible clinicians who perform the quality actions described in the measure based on the services provided and the measure-specific denominator coding.

DENOMINATOR:

Denominator criteria (Eligible Cases): All patients, regardless of age on date of the service
AND

Patient procedure during the performance period (CPT): Listed below are anesthesia services and surgical procedures

ANESTHESIA 00100, 00102, 00103, 00104, 00120, 00124, 00126, 00140, 00142, 00144, 00145, 00147, 00148, 00160, 00162, 00164, 00170, 00172, 00174, 00176, 00190, 00192, 00210, 00211, 00212, 00214, 00215, 00216, 00218, 00220, 00222, 00300, 00320, 00322, 00326, 00350, 00352, 00400, 00402, 00404, 00406, 00410, 00450, 00454, 00470, 00472, 00474, 00500, 00520, 00522, 00524, 00528, 00529, 00530, 00532, 00534, 00537, 00539, 00540, 00541, 00542, 00546, 00548, 00550, 00560, 00566, 00600, 00604, 00620, 00625, 00626, 00630, 00632, 00635, 00640, 00670, 00700, 00702, 00730, 00731, 00732, 00750, 00752, 00754, 00756, 00770, 00790, 00792, 00794, 00796, 00797, 00800, 00802, 00811, 00812, 00813, 00820, 00830, 00832, 00834, 00836, 00840, 00842, 00844, 00846, 00848, 00851, 00860, 00862, 00864, 00865, 00866, 00868, 00870, 00872, 00873, 00880, 00882, 00902, 00904, 00906, 00908, 00910, 00912, 00914, 00916, 00918, 00920, 00921, 00922, 00924, 00926, 00928, 00930, 00932, 00934, 00936, 00938, 00940, 00942, 00944, 00948, 00950, 00952, 01112, 01120, 01130, 01140, 01150, 01160, 01170, 01173, 01200, 01202, 01210, 01212, 01214, 01215, 01220, 01230, 01232, 01234, 01250, 01260, 01270, 01272, 01274, 01320, 01340, 01360, 01380, 01382, 01390, 01392, 01400, 01402, 01404, 01420, 01430, 01432, 01440, 01442, 01444, 01462, 01464, 01470, 01472, 01474, 01480, 01482, 01484, 01486, 01490, 01500, 01502, 01520, 01522, 01610, 01620, 01622, 01630, 01634, 01636, 01638, 01650, 01652, 01654, 01656, 01670, 01680, 01710, 01712, 01714, 01716, 01730, 01732, 01740, 01742, 01744, 01756, 01758, 01760, 01770, 01772, 01780, 01782, 01810, 01820, 01829, 01830, 01832,

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01840, 01842, 01844, 01850, 01852, 01860, 01922, 01924, 01925, 01926, 01930, 01931, 01932, 01933, 01935, 01936, 01951, 01952, 01958, 01960, 01961, 01962, 01963, 01965, 01966, 01992

NEUROLOGICAL SURGERY 22551, 22554, 22558, 22600, 22612, 22630, 22633, 61312, 61313, 61315, 61510, 61512, 61518, 61548, 61697, 61700, 62223, 62230, 63015, 63020, 63030, 63042, 63045, 63046, 63047, 63056, 63075, 63081, 63267, 63276

HIP RECONSTRUCTION 27125, 27130, 27132, 27134, 27137, 27138

KNEE RECONSTRUCTION 27440, 27441, 27442, 27443, 27445, 27446, 27447

GENITOURINARY SURGERY 50020, 50220, 50225, 50230, 50234, 50236, 50240, 50543, 50545, 50546, 50547, 50548, 50715, 50722, 50725, 50727, 50728, 50760, 50770, 50780, 50782, 50783, 50785, 50800, 50810, 50815, 50820, 50947, 50948, 51550, 51555, 51565, 51570, 51575, 51580, 51585, 51590, 51595, 51596, 51597, 51800, 51820, 51900, 51920, 51925, 51960, 55810, 55812, 55815, 55821, 55831, 55840, 55842, 55845, 55866

GYNECOLOGIC SURGERY 56630, 56631, 56632, 56633, 56634, 56637, 56640, 57267, 58150, 58152, 58180, 58200, 58210, 58240, 58260, 58262, 58263, 58267, 58270, 58275, 58280, 58285, 58290, 58291, 58292, 58293, 58294, 58951, 58953, 58954, 58956

HIP FRACTURE SURGERY 27235, 27236, 27244, 27245, 27269

LE FORT FRACTURES 21346, 21347, 21348, 21422, 21423, 21432, 21433, 21435, 21436

MANDIBULAR FRACTURES 21454, 21461, 21462, 21465, 21470

GENERAL THORACIC (NON-CARDIAC) 0236T, 21627, 21632, 21740, 21750, 21825, 31760, 31766, 31770, 31775, 31786, 31805, 32096, 32097, 32098, 32100, 32110, 32120, 32124, 32140, 32141, 32150, 32215, 32220, 32225, 32310, 32320, 32440, 32442, 32445, 32480, 32482, 32484, 32486, 32488, 32491, 32505, 32506, 32507, 32800, 32810, 32815, 32900, 32905, 32906, 32940, 33020, 33025, 33030, 33031, 33050, 33300, 33310, 33320, 34051, 35021, 35211, 35216, 35241, 35246, 35271, 35276, 35311, 35526, 37616, 38381, 38746, 39000, 39010, 39200, 39220, 39545, 39561, 64746

LARYNGECTOMY 31360, 31365, 31367, 31368, 31370, 31375, 31380, 31382, 31390, 31395

VASCULAR 27880, 27881, 27882, 27884, 27886, 27888, 33361, 33362, 33363, 33364, 33365, 33366, 33877, 33880, 33881, 33883, 33886, 33889, 33891, 34812, 34820, 34830, 34831, 34832, 34833, 34834, 34841, 34842, 34843, 34844, 34845, 34846, 34847, 34848, 35011, 35013, 35081, 35082, 35091, 35092, 35102, 35103, 35131, 35141, 35142, 35151, 35152, 35206, 35266, 35301, 35363, 35371, 35372, 35512, 35521, 35522, 35523, 35525, 35533, 35537, 35538, 35539, 35540, 35556, 35558, 35565, 35566, 35570, 35571, 35572, 35583, 35585, 35587, 35601, 35606, 35612, 35616, 35621, 35623, 35626, 35631, 35632, 35633, 35634, 35636, 35637, 35638, 35642, 35645, 35646, 35647, 35650, 35654, 35656, 35661, 35663, 35665, 35666, 35671, 36830, 36902, 36905, 37224, 37225, 37226, 37227, 37228, 37229, 37230, 37231, 37246, 37248, 37617

GLOSSECTOMY 41130, 41135, 41140, 41145, 41150, 41153, 41155

ACOUSTIC NEUROMA 61520, 61526, 61530, 61591, 61595, 61596, 61598, 61606, 61616, 61618, 61520, 61526, 61530, 61591, 61595, 61596, 61598, 61606, 61616, 61618, 61619, 69720, 69955, 69960, 69970

GENERAL SURGERY 15734, 15830, 15832, 15833, 15834, 15835, 15836, 15837, 19260, 19271, 19272, 19300, 19301, 19302, 19303, 19304, 19305, 19306, 19307, 19316, 19318, 19324, 19361, 19364, 19366, 19367, 19368, 19369, 19380, 27080, 27158, 27202, 27280, 27282, 38100, 38101, 38115, 38120, 38571, 38572, 38700, 38720, 38724, 38747, 38760, 38765, 38770, 38780, 39501, 39540, 39541, 39545, 39560, 39561, 43020, 43030, 43045, 43100, 43101, 43107, 43108, 43112, 43113, 43116, 43117, 43118, 43121, 43122, 43123, 43124, 43130, 43135, 43279, 43280, 43281, 43282, 43300, 43305, 43310, 43312, 43313, 43314, 43320, 43325, 43327, 43328, 43330, 43331, 43332, 43333, 43334, 43335, 43336, 43337, 43340, 43341, 43351, 43352, 43360, 43361, 43400, 43401, 43405, 43410, 43415, 43420, 43425, 43496, 43500, 43501, 43502, 43510, 43520, 43605, 43610, 43611, 43620, 43621, 43622, 43631, 43632, 43633, 43634, 43640, 43641, 43644, 43645, 43651, 43652, 43653, 43770, 43771, 43772, 43773, 43774, 43800, 43810, 43820, 43825, 43830, 43832, 43840, 43843, 43845, 43846, 43847, 43848, 43850, 43855, 43860, 43865, 43870, 43880, 43886, 43887, 43888, 44005, 44010, 44020, 44021, 44025, 44050, 44055, 44110, 44111, 44120, 44125, 44126, 44127, 44130, 44140, 44141, 44143, 44144, 44145, 44146, 44147, 44150, 44151, 44155, 44156, 44157, 44158, 44160, 44180, 44186, 44187, 44188, 44202, 44204, 44205, 44206, 44207, 44208, 44210, 44211, 44212, 44227, 44300, 44310, 44312, 44314, 44316, 44320, 44322, 44340, 44345, 44346, 44602, 44603, 44604, 44605, 44615, 44620, 44625, 44626, 44640, 44650, 44660, 44661, 44680, 44700, 44800, 44820, 44850, 44900, 44950, 44955, 44960, 44970, 45000, 45020, 45100, 45108, 45110, 45111, 45112, 45113, 45114, 45116, 45119, 45120, 45121, 45123, 45126, 45130, 45135, 45136, 45150, 45160, 45171, 45172, 45190, 45395, 45397, 45400, 45402, 45500, 45505, 45540, 45541, 45550, 45560, 45562, 45563, 45800, 45805, 45820, 45825, 46715, 46716, 46730, 46735, 46740, 46742, 46744, 46746, 46748, 46750, 46751, 46753, 46754, 46760, 46761, 46762, 47010, 47015, 47100, 47120, 47122, 47125, 47130, 47135, 47140, 47141, 47142, 47300, 47350, 47360, 47361, 47362, 47370, 47371, 47380, 47381, 47382, 47400, 47420, 47425, 47460, 47480, 47562, 47563, 47564, 47570, 47600, 47605, 47610, 47612, 47620, 47700, 47701, 47711, 47712, 47715, 47720, 47721, 47740, 47741, 47760, 47765, 47780, 47785, 47800, 47801, 47802, 47900, 48000, 48001, 48020, 48100, 48102, 48105, 48120, 48140, 48145, 48146, 48148, 48150, 48152, 48153, 48154, 48155, 48500, 48510, 48520, 48540, 48545, 48547, 48548, 48554, 48556, 49000, 49002, 49010, 49020, 49040, 49060, 49203, 49204, 49205, 49215, 49220, 49250, 49255, 49320, 49321, 49322, 49323, 49405, 49406, 49407, 49505, 49507, 49560, 49561, 49565, 49566, 49570, 50320, 50340, 50360, 50365, 50370, 50380, 60200, 60210, 60212, 60220, 60225, 60240, 60252, 60254, 60260, 60270, 60271, 60280, 60281, 60500, 60502, 60505, 60520, 60521, 60522, 60540, 60545, 60600, 60605, 60650

FOOT & ANKLE 27702, 27703, 27704, 28192, 28193, 28291, 28415, 28420, 28445, 28465, 28485, 28505, 28525, 28531, 28555, 28585, 28615, 28645, 28675, 28705, 28715, 28725, 28730, 28735, 28737

EYE 15823, 65855, 66711, 66761, 66821, 66840, 66850, 66852, 66920, 66930, 66940, 66982, 66983, 66984, 66984, 66999, 67028, 67904

SPINE 22325, 22510, 22511, 22513, 22514, 22586, 22612, 22630, 22800, 22802, 22804, 63030, 63042

DENOMINATOR EXCLUSIONS:

Patients who are receiving comfort care only: G9930

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Hospice services provided to patient any time during the measurement period: G9687
 Documentation stating the patient has an active diagnosis of depression or has a diagnosed bipolar disorder, therefore ICD-10-CM codes: F31.0, F31.10, F31.11, F31.12, F31.13, F31.2, F31.3, F31.4, F31.5, F31.60, F31.61, F31.62, F31.64, F31.70, F31.71, F31.72, F31.73, F31.74, F31.75, F31.76, F31.77, F31.78, F31.81, F31.89, F32.0, F32.1, F32.2, F32.3, F32.4, F32.5, F32.81, F32.89, F33.0, F33.1, F33.2, F33.3, F33.40, F33.41, F33.42, F33.8, F33.9, F34.0, F34.1, F53.0, F41.8, F03.90, F43.21, F06.31, F06.32, F10.14, F10.24, F10.94, F11.14, F11.24, F11.94, F13.14, F13.24, F13.94, F14.14, F14.24, F14.94, F15.14, F15.24, F15.94, F16.14, F16.24, F16.94, F18.14, F18.24, F18.94, F19.14, F19.24, F19.94

NUMERATOR:

Patients with a baseline depression assessment completed prior to the surgical procedure start time using an age appropriate standardized tool AND, if positive, a follow-up plan is documented on the date of the positive screen

Definitions:

Standardized Tool – An assessment tool that has been appropriately normed and validated for the population in which it is used. The name of the age appropriate standardized depression screening tool utilized must be documented in the medical record. Examples of tools for the depression assessment include, but are not limited to:

Adolescent Screening Tools (12-17 years) – Patient Health Questionnaire for Adolescents (PHQ-A), Beck Depression Inventory-Primary Care Version (BDI-PC), Mood Feeling Questionnaire (MFQ), Center for Epidemiologic Studies Depression Scale (CES-D), Patient Health Questionnaire (PHQ-9), Pediatric Symptom Checklist (PSC-17), and PRIME MD-PHQ2

Adult Screening Tools (18 years and older) – Patient Health Questionnaire (PHQ-9), Beck Depression Inventory (BDI or BDI-II), Center for Epidemiologic Studies Depression Scale (CES-D), Depression Scale (DEPS), Duke Anxiety- Depression Scale (DADS), Geriatric Depression Scale (GDS), Cornell Scale or Depression in Dementia (CSDD), PRIME MD-PHQ2, Hamilton Rating Scale for Depression (HAM-D), and Quick Inventory of Depressive Symptomatology Self-Report (QID-SR)

Perinatal Screening Tools – Edinburgh Postnatal Depression Scale, Postpartum Depression Screening Scale, Patient Health Questionnaire 9 (PHQ-9), Beck Depression Inventory, Beck Depression Inventory–II, Center for Epidemiologic Studies Depression Scale, and Zung Self-rating Depression Scale

Follow-Up Plan – Documented follow-up for a positive depression screening must include one or more of the following:

- Additional evaluation for depression
- Suicide Risk Assessment
- Referral to a practitioner who is qualified to diagnose and treat depression
- Pharmacological interventions
- Other interventions or follow-up for the diagnosis or treatment of depression

NOTE: Pharmacologic treatment for depression is often indicated during pregnancy and/or lactation. Review and discussion of the risks of untreated versus treated depression is advised. Consideration of each patient's prior disease and treatment history, along with the risk profiles for individual pharmacologic agents, is important when selecting pharmacologic therapy with the greatest likelihood of treatment effect.

Numerator Instructions: All components should be completed once per visit per patient and should be documented in the medical record as having been performed during the measurement period.

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Numerator Options:

Performance Met: Depression assessment documented as positive using a standardized tool AND a follow-up plan is documented

OR

Performance Met: Depression assessment using a standardized tool is documented as negative, no follow-up plan required

OR

Performance Not Met: No documentation of depression assessment, reason not given

OR

Performance Not Met: Depression assessment documented as positive using a standardized tool, follow-up plan not documented, reason not given

RATIONALE:

2014 U.S. survey data indicate that 2.8 million (11.4%) adolescents aged 12 to 17 had a major depressive episode (MDE) in the past year and that 15.7 million (6.6 %) adults aged 18 or older had at least one MDE in the past year, with 10.2 million adults (4.3%) having one MDE with severe impairment in the past year (Center for Behavioral Health Statistics and Quality, 2015). The World Health Organization (WHO), as cited by Pratt & Brody (2008), found that major depression was the leading cause of disability worldwide. Data indicate that approximately 80% of people diagnosed with depression report some level of difficulty in functioning because of their depressive symptoms. For example, 35% of males and 22% of females with depression reported that their depressive symptoms make it extremely difficult for them to work, get things done at home, or get along with other people. Additionally, more than one-half of all persons with mild depressive symptoms also reported some difficulty in daily functioning attributable to their depressive symptoms (Pratt & Brody, 2008). In young adulthood, major depressive disorder (MDD) has been found to be associated with early pregnancy, decreased school performance, and impaired work, social, and family functioning (Williams et al., 2009, p. e716). In the perinatal period, depression and other mood disorders, such as bipolar disorder and anxiety disorders, can have devastating effects on women, infants, and families. Maternal suicide rates rise over hemorrhage and hypertensive disorders as a cause of maternal mortality (American College of Obstetricians and Gynecologists, 2015).

Negative outcomes associated with depression make it crucial to screen in order to identify and treat depression in its early stages. While Primary Care Providers (PCPs) serve as the first line of defense in the detection of depression, studies show that PCPs fail to recognize up to 50% of depressed patients (Borner, 2010, p. 948). "Coyle et al. (2003), suggested that the picture is more grim for adolescents, and that more than 70% of children and adolescents suffering from serious mood disorders go unrecognized or inadequately treated" (Borner, 2010, p. 948). "In nationally representative U.S. surveys, about 8% of adolescents reported having major depression in the past year. Only 36% to 44% of children and adolescents with depression receive treatment, suggesting that the majority of depressed youth are undiagnosed and untreated" (Sui, A. and USPSTF, 2016). Evidence supports that screening for depression in pregnant and postpartum women is of moderate net benefit and treatment options for positive depression screening should be available for patients twelve and older including pregnant and postpartum women.

If preventing negative patient outcomes is not enough, the substantial economic burden of depression for individuals and society alike makes a case for screening for depression on a regular basis. Depression imposes economic burden through direct and indirect costs. "In the United States, an estimated \$22.8 billion was spent on depression treatment in 2009, and lost productivity cost an additional estimated \$23 billion in 2011" (Sui, A. and USPSTF, 2016).

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This measure seeks to align with clinical guideline recommendations as well as the Healthy People 2020 recommendation for routine screening for mental health problems as a part of primary care for both children and adults (U.S. Department of Health and Human Services, 2014) and makes an important contribution to the quality domain of community and population health.

CLINICAL RECOMMENDATION STATEMENTS:

The USPSTF recommends screening for depression in the general adult population, including pregnant and postpartum women. Screening should be implemented with adequate systems in place to ensure accurate diagnosis, effective treatment, and appropriate follow-up. (Grade: B Recommendation)

WORKS CITED:

Siu AL, and the US Preventive Services Task Force (USPSTF). Screening for Depression in Adults: US Preventive Services Task Force Recommendation Statement. *JAMA*. 2016;315(4):380–387. doi:10.1001/jama.2015.18392

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