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| **Mnemonic** | **Description** | **Catnum(s)** | Denominator | **Numerator** |
| **CANCER SCREENING** | | |  |  |
| **P31h** | **Breast Screen– Age 50-74** | **50, ( 16, 48, 51, 60 and**  **othrcare not =1), catnum 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **Terminally ill patients** * **Males or gender unknown** * **Age<52 or >74** * **The patient had a bilateral mastectomy or gender alteration in the past** * **Those with documentation by the patient’s PCP that he/she does not believe the patient will experience a net benefit from cancer screening because of one or both of the specified reasons (life expectancy < 5 yrs or patient couldn’t tolerate further workup or treatment)** | **Cases included in the denominator will pass if:**   * **there is documentation of a mammogram performed at this or another VAMC, or by a private sector provider within the past 27 months** |
| P32 | Breast Scree age 50-74 (includes 3D mammogram) | 50, ( 16, 48, 51, 60 and  othrcare not =1), catnum 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Males or gender unknown * Age<52 or >74 * The patient had a bilateral mastectomy or gender alteration in the past * Those with documentation by the patient’s PCP that he/she does not believe the patient will experience a net benefit from cancer screening because of one or both of the specified reasons (life expectancy < 5 yrs or patient couldn’t tolerate further workup or treatment) | Cases included in the denominator will pass if:   * there is documentation of a mammogram performed at this or another VAMC, or by a private sector provider within the past 27 months   OR   * The medical record contains a report of a 3D mammogram (tomosynthesis mammogram) performed for the patient during the past 27 months |
| P41h | **Cervical Screen Age 21-64** | **50, ( 16, 48, 51, 60 and**  **othrcare not =1)** ), catnum 54 with FE flagand othrcare not=1 | **Includes all cases except:**   * **Terminally ill patients** * **Males or gender unknown** * **Age<21 or >=65** * **The patient had a hysterectomy or congenital absence of the cervix** * **All Pap test reports within the past five years note sample was inadequate or that "no cervical cells were present"** * **Those who did not have cervical screening but there is documentation by the patient’s PCP that he/she does not believe the patient will experience a net benefit from cancer screening because of one or both of the specified reasons (life expectancy < 5 yrs or patient couldn’t tolerate further workup or treatment)** | **Cases included in the denominator will pass if:**   * **The collection date of the most recent Pap test performed at this or another VAMC or by a private sector provider is within the past 36 months**   **OR**   * **The collection date of the most recent Pap test is > 36 months and <=60 months and**   + **The patient is age >=30 and**   + **An HPV test was done at a VAMC or by a private sector provider within 4 days prior to or within 4 days after the date of the Pap test** |

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| Mnemonic | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| P42 | **Cervical Screen Age 21-29** | **50, ( 16, 48, 51, 60 and**  **othrcare not =1)** ), catnum 54 with FE flagand othrcare not=1 | **Includes all cases except:**   * **Terminally ill patients** * **Males or gender unknown** * **Age<21 or >29** * **The patient had a hysterectomy or congenital absence of the cervix** * **All Pap test reports within the past five years note sample was inadequate or that "no cervical cells were present"** * **Those who did not have cervical screening but there is documentation by the patient’s PCP that he/she does not believe the patient will experience a net benefit from cancer screening because of one or both of the specified reasons (life expectancy < 5 yrs or patient couldn’t tolerate further workup or treatment)** | **Cases included in the denominator will pass if:**   * **The collection date of the most recent Pap test performed at this or another VAMC or by a private sector provider is within the past 36 months** |
| P43h | **Cervical Screen Age 30-64** | **50, ( 16, 48, 51, 60 and**  **othrcare not =1)** ), catnum 54 with FE flagand othrcare not=1 | **Includes all cases except:**   * **Terminally ill patients** * **Males or gender unknown** * **Age<30 or >=65** * **The patient had a hysterectomy or congenital absence of the cervix** * **All Pap test reports within the past five years note sample was inadequate or that "no cervical cells were present"** * **Those who did not have cervical screening and there is documentation by the patient’s PCP that he/she does not believe the patient will experience a net benefit from cancer screening because of one or both of the specified reasons (life expectancy < 5 yrs or patient couldn’t tolerate further workup or treatment)** | **Cases included in the denominator will pass if:**   * **The collection date of the most recent Pap test performed at this or another VAMC or by a private sector provider is within the past 36 months**   **OR**   * **The collection date of the most recent Pap test is > 36 months and <=60 months and**   + **An HPV test was done at a VAMC or by a private sector provider within 4 days prior to or within 4 days after the date of the Pap test** |

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| **Mnemonic** | **Description** | **Catnum(s)** | Denominator | **Numerator** |
| P61h | **Colorectal Screen age 51-75** | **50, (16, 48, 51, 60 and**  **othrcare not =1)** **, catnum 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **Terminally ill patients** * **Age<=50 or >=76** * **those who have a diagnosis of cancer of the colon or have had a total colectomy** * **those who did not have or refused sigmoidoscopy or colonoscopy or did not have FOBT in the required timeframe but did have a colon CT or stool based DNA test** * **Those who did not have colorectal screening and there is documentation by the patient’s PCP that he/she does not believe the patient will experience a net benefit from cancer screening because of one or both of the specified reasons (life expectancy < 5 yrs or patient couldn’t tolerate further workup or treatment)** | **Cases included in the denominator will pass if:**   * **there is documentation of one of the following at this or another VAMC or by a private sector provider:**   + **a colonoscopy within the past 10 years**   + **guaiac fecal occult blood test x 3 within the past year**   + **iFOBT/FIT testing within the past year**   + **a sigmoidoscopy within the past 5 years;** |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **CARDIOVASCULAR** | | |  |  |
| **HEART FAILURE DIAGNOSIS** | | |  |  |
|  | Heart Failure Diagnosis  Number of cases reviewed | 50, (16, 48, 51, 60 and  othrcare not =1), catnum 54 with FE flagand othrcare not=1 | Number of cases with an active outpatient diagnosis of CHF (selchf = -1) and patient is not terminally ill (dochospce=2) |  |
| chf 7 | LVSF documented | 50, (16, 48, 51, 60 and  othrcare not =1) , catnum 54 with FE flagand othrcare not=1 | Includes all cases except:   * Terminally ill patients * Selchf is not selected | Cases included in the denominator will pass if:   * there isdocumentation in the medical record of left ventricular systolic function/ejection fraction |
| chf14 | LVSF <40 on ACEI or ARB | 50, (16, 48, 51, 60 and  othrcare not =1) , catnum 54 with FE flagand othrcare not=1 | Includes all cases except:   * Terminally ill patients * Selchf is not selected * Those with LVSF documented as 40% or greater or “other” narrative description (not moderately or severely impaired) * Those with a reason for not prescribing both ACEI and ARBs | Cases included in the denominator will pass if::   * there isdocumentation of one of the following:   + Patient is on an ACEI at the most recent OP visit or   + Patient is on an ARB at the most recent OP visit |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **HYPERTENSION DIAGNOSIS** | | |  |  |
|  | Hypertension Diagnosis- Number of cases reviewed | 50, (16, 48, 51, 60 and  othrcare not =1), catnum 54 with FE flagand othrcare not=1 | # of cases with an active outpatient diagnosis of hypertension and patient is not terminally ill (dochospce=2) |  |
| **Ihd5h** | **HTN: BP <140/90**  **Age 18-59** | **50, (16, 48, 51, 60 and**  **othrcare not =1) , catnum 54 with FE flag** **and othrcare not=1** | **Includes all cases except:**   * **Terminally ill patients** * **Those with no diagnosis of HTN** * **Age<18 or >59** | Cases included in the denominator will pass if:   * **the most recent blood pressure\* is recorded as <140 systolic and < 90 diastolic**   **\*most recent BP may be one obtained by Care Coordination** |
| **Ihd52h** | **HTN: BP <150/90**  **Age 60-85** | **50, (16, 48, 51, 60 and**  **othrcare not =1) , catnum 54 with FE flag** **and othrcare not=1** | **Includes all cases except:**   * **Terminally ill patients** * **Those with no diagnosis of HTN** * **Age<60 or >85** * **Cases flagged with a diagnosis of DM** | Cases included in the denominator will pass if:   * **the most recent blood pressure\* is recorded as <150 systolic and < 90 diastolic**   **\*most recent BP may be one obtained by Care Coordination** |
| **Ihd51h** | **HTN and DM: BP <140/90 Age 60-85** | **50, (16, 48, 51, 60 and**  **othrcare not =1) , catnum 54 with FE flag** **and othrcare not=1** | **Includes all cases except:**   * **Terminally ill patients** * **Those with no diagnosis of HTN** * **Age<60 or >85** * **Cases not flagged with a diagnosis of DM** | Cases included in the denominator will pass if:   * **the most recent blood pressure\* is recorded as <140 systolic and < 90 diastolic**   **\*most recent BP may be one obtained by Care Coordination** |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| Htn10 | HTN BP >=160/100 or not done  (low score is better) | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Those with no diagnosis of HTN * Age <18 or >75 | Cases included in the denominator will pass if:   * the most recent blood pressure\* is recorded as >= 160 systolic or >=100 diastolic or * a blood pressure was not recorded during the past year   **\*most recent BP may be one obtained by Care Coordination** |
| Htn11 | No Dx HTN  BP <= 140/90 | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Those with a diagnosis of HTN * Age <18 or >75 | Cases included in the denominator will pass if:   * the most recent blood pressure\* is recorded as <=140 systolic and <= 90 diastolic   **\*most recent BP may be one obtained by Care Coordination** |
| Htn12 | No Dx HTN BP >=160/100 or not done  (low score is better) | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Those with a diagnosis of HTN * Age <18 or >75 | Cases included in the denominator will pass if:   * the most recent blood pressure\* isrecorded as >= 160 systolic or >=100 diastolic or * a blood pressure was not recorded during the past year   **\*most recent BP may be one obtained by Care Coordination** |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **HYPERLIPIDEMIA** | | |  |  |
| P10 | Hyperlipidemia Screening-Overall | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Males age < 35 and females age < 45 with no ischemic vascular disease, no PCI or CABG in the past 2 years , no past AMI, or no family history of coronary events occurring prior to age 45 * cases with documentation in the record that the patient was enrolled in a clinical trial or research protocol that precludes access to the lipid profile | Cases included in the denominator will pass if:   * There is a diagnosis of PCI or CABG in the past 2 years, DM or past AMI and a complete lipid profile was performed in the past 2 years (730 days) * The patient had an active diagnosis of ischemic vascular disease (vascdis 1-8) and a total cholesterol and either an HDL or LDL was done within the past 2 years (730 days) * The patient is male age < 35 or female age < 45 with no ischemic vascular disease, no PCI or CABG in the past 2 years, no DM or past AMI, but with family history of coronary events occurring prior to age 45 and a total cholesterol and either an LDL or HDL was done within the past 5 years (1825 days) * The patient is male age >=35 OR is female age >= 45, with no ischemic vascular disease, no PCI or CABG in the past 2 years, no DM or past AMI and there is no family history of coronary events or sudden death as specified (famhx = 99) and is a lifetime non-tobacco user or was screened for tobacco use and has not used in the past year, and does not have a diagnosis of HTN or does have a diagnosis of HTN but is not on antihypertensive meds and a total cholesterol and either an LDL or HDL was done in the past 5 years (1825 days) * The patient is male age >=35 OR female age >= 45 with no ischemic vascular disease, no PCI or CABG in the past 2 years, no DM or past AMI and any of the following   + patient has a family history of coronary events or sudden death as specified in famhx = 1,2,or 3 OR   + is a tobacco user or was not screened for tobacco use in the past year OR   + has a diagnosis of HTN and is on antihypertensive medication or refused antihypertensive medications   AND  had a total cholesterol either and LDL or HDL in the past 2 years (730 days) |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **CHRONIC VASCULAR DISEASE** | | |  |  |
| ihd40 | BP <140/90 or <150/65 or 3 moderate dose anti-hypertensives | 50, (16, 48, 51, 60 and  othrcare not =1) , catnum 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Age < 18 or >75 * Cases without one of the following:   + past AMI selected as a diagnosis and the date of discharge for AMI is <=730 days OR   + A PCI was done in the last 2 years OR   + A CABG was done in the last 2 years OR   + documentation within the past two years the pt is being treated for or had a new diagnosis of one of the following:     - CAD     - Stable angina     - Lower extremity arterial disease/peripheral artery disease     - Stroke     - Atheroembolism     - Renal artery atherosclerosis * The most recent NEXUS clinic visit when the patient was seen by a physician, APN, PA,or psychologist was NOT one of the following stop codes: 303, 305, 306, 309, 312, 322, 323, 348 or 350 * Cases with no BP reading documented in the past year | Cases included in the denominator will pass if:   * The patient’s most recent blood pressure\* is <140 systolic and <90 diastolic OR * The patient’s most recent blood pressure is <150 systolic and < 65 diastolic OR * the patient was prescribed 3 moderate dose anti-hypertensives during the timeframe from the date of the most recent blood pressure and100 days prior to to that date OR * A change was made to the daily dose of an anti-hypertensive medication from 90 days after the date of the most recent blood pressure up to the date of review OR * A new anti-hypertensive medication was added from 90 days after the date of the most recent blood pressure up to the date of review   \*does not include blood pressure taken by Care Coordination |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **cvrm2** | **Statin therapy for patients with cardiovascular disease** | **50, (16, 48, 51, 60 and**  **othrcare not =1), catnum 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **Age >75** * **Females age < 40** * **Patient’s without at least one of the following:**   + **an AMI, CABG, or PCI in the past two years**   + **an active diagnosis of CAD, angina, lower extremity arterial disease/PAD, stroke, atheroembolism, renal artery atherosclerosis** * **Patients with a diagnosis of CKD or ESRD in the past two years** * **patient is terminally ill per dochospce** * **patients with a diagnosis of cirrhosis in the past 2 years** * **patients with a diagnosis of myalgia, myosititis, myopathy, or rhabdomyolysis during the past year** * **females age <51 with pregnancy, in vitro fertilization or both during the past 2 years** * **females age <51who were prescribed clomiphene in the past 2 years** | **Cases included in the denominator will pass if:**   * + - **The patient was prescribed a statin medication in the past year and the statin was**       * **atorvastatin and the daily dose was >=10 mgs or**       * **fluvastatin or lovastatin or pravastatin and the daily dose was >= 40 mgs or**       * **rosuvastatin and the daily dose was >= 5 mgs or**       * **simvastatin and the daily dose was >= 20 mgs or**       * **pitavastatin and the dose was >=2 mgs** |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **DIAGNOSIS OF OLD MI (AMI > 8 weeks)** | | |  |  |
|  | Diagnosis of Past AMI (AMI > 8 weeks) | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Number of cases with a diagnosis of past AMI and the AMI occurred more than eight weeks prior to the date of the qualifying visit (selmi = true) and the patient is not terminally ill (dochospce=2) |  |
| c12 | AMI-Outpt ASA at most recent visit | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Cases with no diagnosis of past AMI * cases with a documented reason for not prescribing ASA or patient refusal | Cases included in the denominator will pass if:   * ASA was included in the patient’s medication at the most recent OP visit. |
| ihd6 | AMI-Outpt LVEF <40 on ACEI or ARB at most recent visit | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Cases with no diagnosis of past AMI * there is no documentation of left ventricular function * LVSF was not documented as <40% or moderate to severe systolic dysfunction * with documented reasons for not prescribing both ACEIs and ARBs or patient refusal | Cases included in the denominator will pass if:   * the patient was taking an ACEI at the most recent outpatient visit OR * the patient was taking an ARB at the most recent outpatient visit |
| ihd20h | AMI-Received persistent beta blocker treatment for 6 months post AMI discharge | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Age <18 * Cases with no diagnosis of past AMI * date of discharge for most recent AMI in the past 2 years or first AMI within the past 18 months (if more than one) is <180 or > 730 days from study end date * there was a documented reason for not prescribing a beta blocker or patient refusal | Cases included in the denominator will pass if:   * the patient were on a beta blocker continuously during the 6 month period immediately following the AMI discharge |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **ENDOCRINE** | | |  |  |
| **DIAGNOSIS OF DIABETES** | | |  |  |
|  | Diabetes Mellitus Diagnosis –Number of cases reviewed | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Number of cases with active diagnosis of diabetes mellitus (seldm =-1) and the patient is not terminally ill (dochospce=2) |  |
| **c9h** | **HbgA1c annual** | **50, (16, 48, 51, 60 and**  **othrcare not =1) , catnum 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **Terminally ill patients** * **The case is not flagged for DM** * **Age <18 or >75** | **Cases included in the denominator will pass if:**   * **a HbA1c was done in the past year and the value is a valid value** |
| **dmg23h** | **HbgA1c > 9 or not done in the past year**  **(low score is better)** | **50, (16, 48, 51, 60 and**  **othrcare not =1) , catnum 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **Terminally ill patients** * **The case is not flagged for DM** * **Age <18 or >75** | **Cases included in the denominator will pass if:**   * **a HbA1c was done in the past year and** * **the value of the HbA1c was >9**   **OR**   * **an HbA1c was not done in the past year or the patient refused a HbA1c** |

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| **mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **dmg31h** | **Retinal exam, timely by disease** | **50, (16, 48, 51, 60 and**  **othrcare not =1) , catnum 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **Terminally ill patients** * **The case is not flagged for DM** * **Age <18 or >75** * **There is explicit documentation by an ophthalmologist or optometrist that the patient is blind and no longer needs a retinal exam.** | **Cases included in the denominator will pass if:**   * **a retinal exam was done within the past year at this or another VAMC or by a private sector provider and** * **the exam was performed by an ophthalmologist, an optometrist, retinal photo sent to eye care specialist or digital imaging sent to be read by an ophthalmologist or optometrist**   **OR**   * **if a retinal exam as described above was not performed in the past year, then** * **in the year previous to the past year, a retinal exam was performed by an ophthalmologist, an optometrist, retinal photo sent to eye care specialist or digital imaging sent to be read by an ophthalmologist or optometrist and**   + **the report of the eye exam showed no retinopathy** |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **dmg27h** | **BP <140/90** | **50, (16, 48, 51, 60 and**  **othrcare not =1) , catnum 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **Terminally ill patients** * **The case is not flagged for DM** * **Age <18 or >75** | Cases included in the denominator will pass if:  * **the most recent blood pressure recorded\* was <140 systolic and < 90 diastolic**   **\*most recent BP may be one obtained by Care Coordination** |
| dmg40 | BP <140/90 or <150/65 or 3 moderate dose anti-hypertensives | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Cases not flagged for DM * Age < 50 or >75 * The most recent NEXUS clinic visit when the patient was seen by a physician, APN, PA,or psychologist was NOT one of the following stop codes: 303, 305, 306, 309, 312, 322, 323, 348 or 350 * Cases with no BP reading documented in the past year | Cases included in the denominator will pass if:   * The patient’s most recent blood pressure\* is <140 systolic and <90 diastolic OR * The patient’s most recent blood pressure is <150 systolic and < 65 diastolic OR * the patient was prescribed 3 moderate dose anti-hypertensives during the timeframe from the date of the most recent blood pressure and100 days prior to to that date OR * A change was made to the daily dose of an anti-hypertensive medication from 90 days after the date of the most recent blood pressure up to the date of review OR * A new anti-hypertensive medication was added from 90 days after the date of the most recent blood pressure up to the date of review   \*Does not include BP measured by Care Coordination |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **dmg34h** | **Renal testing** | **50, (16, 48, 51, 60 and**  **othrcare not =1) , catnum 54 with FE flag and othrcare** **not=1** | **Includes all cases except:**   * **Terminally ill patients** * **The case is not flagged for DM** * **Age <18 or >75** | **Cases included in the denominator will pass if:**  **One of the following:** Within the past 2 years the patient has an active diagnosis of diabetic nephropathy or ESRD, or  * **pt was seen by a nephrologist within the past year or** * **a urine protein was done** * **the patient had renal transplantation or** * **a microalbumin was performed within the past year or** * **the patient was on an ACEI at the most recent OP visit or** * **the patient was on an ARB at the most recent OP visit** |
| **cvrm1** | **Statin therapy for patients with diabetes** | **50, (16, 48, 51, 60 and**  **othrcare not =1) , catnum 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **Cases not flagged for diabetes** * **Age is <40 or >75** * **Patient is terminally ill per dochospce** * **Patient’s with any of the following:**   + **an AMI, CABG, or PCI in the past two years**   + **an active diagnosis of CAD, angina, lower extremity arterial disease/PAD, stroke, atheroembolism, renal artery atherosclerosis**   + **CKD or ESRD in the past 2 years**   + **a diagnosis of cirrhosis in the past 2 years**   + **a diagnosis of myalgia, myosititis, myopathy, or rhabdomyolysis during the past year**   + **females age <51 with pregnancy, in vitro fertilization or both during the past 2 years**   + **females age <51who were prescribed clomiphene in the past 2 years** | **Cased included in the denominator will pass if:**   * **The patient was prescribed a statin medication in the past year and the statin was**   + - * **atorvastatin or**       * **fluvastatin or**       * **lovastatin or**       * **pravastatin or**       * **rosuvastatin or**       * **simvastatin or**       * **pitavastatin and**       * **the dose was >=1 mg** |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| dmg51 | ASA included in current meds, Age 50-59 | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Patients <age 50 or >age 59 * The case is not flagged for DM  There is a documented reason for not prescribing ASA .or patient refusal | Cases included in the denominator will pass if:   * ASA was included in the patient’s medication at the most recent OP visit. |
| dmg52 | ASA included in current meds, Age 60-69 | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * Patients <age 60 or >age 69 * The case is not flagged for DM  There is a documented reason for not prescribing ASA .or patient refusal | Cases included in the denominator will pass if:   * ASA was included in the patient’s medication at the most recent OP visit. |
| c7n | Foot Sensory exam using monofilament | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * The case is not flagged for DM * patients that are quadriplegic or paraplegic * patients that have had a past stroke resulting in bilateral sensory loss in the feet * patients who are a bilateral amputee | Cases included in the denominator will pass if:   * a foot sensory exam using monofilament was performed in the past year |
| c5 | Foot Inspection | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * The case is not flagged for DM * patients who are a bilateral amputee | Cases included in the denominator will pass if:   * a visual foot inspection was performed in the past year |
| c6 | Pedal pulses checked | 50, (16, 48, 51, 60 and  othrcare not =1) , 54 with FE flag and othrcare not=1 | Includes all cases except:   * Terminally ill patients * The case is not flagged for DM * patients who are a bilateral amputee | Cases included in the denominator will pass if:   * a check for pulses in the feet was performed in the past year |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **MENTAL HEALTH** | | |  |  |
| **sa7** | **Screened for alcohol use with AUDIT-C** | **50, 16, 48, 51, 60, 54 with FE flag** | **Includes all cases except:**   * **Terminally ill patients** * **Those with documentation of a diagnosis of dementia/neurocognitive disorder as evidenced by one of the applicable codes AND**   + **The severity of dementia was assessed during the past year by one of the specified tools AND**   + **The score of the assessment indicated moderate to severe dementia**  There is clinician documentation in the past year that the patient is moderately or severely cognitively impaired | **Cases included in the denominator will pass if**:   * **The score of question 1 is 0 or all three questions have a valid score documented in the past year and** * **The total score of screening within the past year is documented** * **The outcome of screening in the past year is documented as positive or negative** |
| **sa17** | **AUDIT-C score 5 or greater and brief alcohol counseling documented** | **50, 16, 48, 51, 60, 54 with FE flag** | **Includes all cases except:**   * **Terminally ill patients** * **Those with documentation of a diagnosis of dementia/neurocognitive disorder as evidenced by one of the applicable codes AND**   + **The severity of dementia was assessed during the past year by one of the specified tools AND**   + **The score of the assessment indicated moderate to severe dementia**  There is clinician documentation in the past year that the patient is moderately or severely cognitively impaired  * + **The patient was seen in a VHA SUD clinic within 90 days of the most recent alcohol screening**   + **patient was not screened by AUDIT-C in the past year** * **The score of the AUDIT-C is <5 or** * **If the total score is not documented, the total**   **of the scores for questions 1, 2, and 3 is calculated by the computer and is <5**   * **The date of the most recent alcohol screening is <14 days prior to the study end date** | **Cases included in the denominator will pass if**:   * **One of the following:** * **The patient was advised to abstain and the advice was given within 14 days of the positive screen OR** * **The patient was advised to drink within recommended limits and the advice was given within 14 days of the positive screen**   **AND**   * **One of the following**   + **Personalized counseling regarding relationship of alcohol to the pt’s specific health issues was given within 14 days of the positive screen OR**   + **General alcohol related counseling was given within 14 days of the positive screen** |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **ptsd51** | **Screened for PTSD at required intervals with PC-PTSD** | **50, 16, 48, 51, 60, 54 with FE flag** | **Includes all cases except:**   * **Terminally ill patients** * **Those with documentation of a diagnosis of dementia/neurocognitive disorder as evidenced by one of the applicable codes AND**   + **The severity of dementia was assessed during the past year by one of the specified tools AND**   + **The score of the assessment indicated moderate to severe dementia**  there is clinician documentation in the past year that the patient is moderately or severely cognitively impairedthe patient had a clinical encounter within the past year with PTSD identified as a reason for the visit | **Cases included in the denominator will pass if:**   * **Screening was done using the PC-PTSD screen** * **One of the following:**   + **screening was done within the past 365 days OR**   + **If the date of separation is more than 1825 days (5 years) ago, screening was done in the past 1825 days ( 5 years)** * **The answer to each question is documented** * **The total score is documented** * **The outcome is documented** |
| ptsd52 | Positive PC-PTSD screen with timely suicide ideation/behavior evaluation | 50, 16, 48, 51, 60, 54 with FE flag | Includes all cases except:   * Terminally ill patients * Those with documentation of a diagnosis of dementia/neurocognitive disorder as evidenced by one of the applicable codes AND   + The severity of dementia was assessed during the past year by one of the specified tools AND   + The score of the assessment indicated moderate to severe dementia  there is clinician documentation in the past year that the patient is moderately or severely cognitively impairedthe patient had a clinical encounter within the past year with PTSD identified as a reason for the visit  * the patient was not screened using the PC-PTSD screen within the past 5 years  Screening using the PC-PTSD was done >365 days prior to the study begin date  * One of the following:   + The total score documented in the record is <3 or   + the computer has calculated the total of the answers to the questions as <3 or   + The interpretation is documented as negative or is not documented | Cases included in the denominator will pass if:   * A suicide ideation/behavior evaluation by a provider was documented and * the date of the evaluation is valid * the evaluation was completed within one day of the positive PTSD screen |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **mdd40** | **Screened for depression with PHQ-2 or PHQ-9** | **50, 16, 48, 51, 60, 54 with FE flag** | **Includes all cases except:**   * **Terminally ill patients** * **Those with documentation of a diagnosis of dementia/neurocognitive disorder as evidenced by one of the applicable codes AND**   + **The severity of dementia was assessed during the past year by one of the specified tools AND**   + **The score of the assessment indicated moderate to severe dementia**  there is clinician documentation in the past year that the patient is moderately or severely cognitively impaired  * **the patient had a clinical encounter within the past year with depression or bipolar disorder identified as a reason for the visit as evidenced by an applicable ICD-10 CM code** | **Cases included in the denominator will pass if:**   * **The patient was screened using the PHQ-2 >=10/1/2016 and <=study end date and**   + **the score of question 1 and question 2 was documented, the total score was documented and the outcome was documented as positive or negative**   **OR**   * **There is a valid date of screening using the PHQ-2 or PHQ-9 <10/01/2016 and within 1 year of the study begin date and** * **One of the following:**   + **the PHQ-2 was done or the PHQ-2 and the PHQ-9 were done on the same day, the score of question 1 and question 2 was documented, the total score was documented and the outcome was documented as positive or negative**   **OR**   * + **the PHQ-9 was done or the PHQ-2 and the PHQ-9 were done on the same day and all responses to the PHQ-9 were documented, the total score was documented and the interpretation of the score was documented** |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| mdd41 | Positive depression screen with timely suicide ideation/behavior evaluation | 50, 16, 48, 51, 60, 54 with FE flag | Includes all cases except:   * Terminally ill patients * Those with documentation of a diagnosis of dementia/neurocognitive disorder as evidenced by one of the applicable codes AND   + The severity of dementia was assessed during the past year by one of the specified tools AND   + The score of the assessment indicated moderate to severe dementia  there is clinician documentation in the past year that the patient is moderately or severely cognitively impaired  * the patient had a clinical encounter within the past year with depression or bipolar disorder identified as a reason for the visit as evidenced by an applicable ICD-10 CM code * There is no diagnosis of cognitive impairment or dementia or an encounter for depression or bipolar disorder and the patient was not screened for depression * The total score or calculated score of the PHQ-2 is < 3 and the outcome is negative * The patient was screened <10/1/2016 using the PHQ-9 and   + The numeric score of the PHQ-9 is <10   + The response to question 9 of the PHQ-9 was 0 or not documented   + The outcome of the PHQ-9 was documented no depression or mild depression or not documented | Cases included in the denominator will pass if:   * The provider documented a suicide ideation/behavior evaluation and the evaluation was done within one day of the positive depression screen |

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| **Mnemonic** | **Description** | **Catnum(s)** | Denominator | **Numerator** |
| **sre1** | **Positive depression or PTSD screen with timely suicide evaluation** | **50, 51 16, 48, 60, 54 with FE flag** | Includes: **Sum of ptsd52 denominator and mdd41 denominator**  **\* Individual records may appear more than once in the denominator** | **Includes:**  **Sum of ptsd52 numerator and mdd41 numerator**  **\* Individual records may appear more than once in the numerator** |
| **p1** | **Pneumococcal Vaccination age 65 or greater** | **50, (16, 48, 51, 60 and**  **othrcare not =1) 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **The patient is terminally ill** * **the patient’s age as of 1/1/16 is <=64** * **there is documentation the patient refused the PCV13 and the PPSV23 vaccination or there was no documentation the patient received the PCV13 or the PPSV23 vaccination AND there is documentation that the patient had a severe allergic reaction to a PCV13 component AND a PPSV23 component** | **Cases included in the denominator will pass if:**  * **the patient received the PCV13 pneumococcal vaccination from VHA or in the private sector as an inpatient or outpatient**   **OR**   * **the patient received the PPSV23 pneumococcal vaccination from VHA or in the private sector as an inpatient or outpatient** |
| **IMMUNIZATIONS** | | |  |  |
| **p26h** | **Influenza Vaccination age 18 to 64**  \*\***This indicator will be scored beginning with April visits; does not appear on exit reports in q1 and 2** | **50, (16, 48, 51, 60 and**  **othrcare not =1) 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **The patient is terminally ill** * **The study begin date is <4/1/2017** * **The patient’s age as of 7/1/16 is <18 or >64** * **those whose only visit during immunization period preceded availability of the vaccine are excluded** | **Cases included in the denominator will pass if:**  * **influenza immunization was given at this VAMC, another VAMC, or in the private sector during the current influenza immunization season** * **If there is documentation of allergy to eggs or other flu vaccine components, a history of Guillain-Barre Syndrome, or a bone marrow transplant within the past 12 months the case will be excluded if the patient refused or did not receive the influenza immunization during the current immunization season** |
| **p25h** | **Influenza Vaccination age 65 or greater**  **\*\*\*\*This indicator will be scored beginning with April visits; does not appear on exit reports in q1 and 2** | **50, (16, 48, 51, 60 and**  **othrcare not =1) 54 with FE flag and othrcare not=1** | **Includes all cases except:**   * **The patient is terminally ill** * **The study begin date is <4/1/2017** * **The patient’s age as of 7/1/16 is <65** * **those whose only visit during immunization period preceded availability of the vaccine are excluded** | **Cases included in the denominator will pass if:**  * **influenza immunization was given at this VAMC, another VAMC, or in the private sector during the current influenza immunization season** * **If there is documentation of allergy to eggs or other flu vaccine components, a history of Guillain-Barre Syndrome, or a bone marrow transplant within the past 12 months the case will be excluded if the patient refused or did not receive the influenza immunization during the current immunization season** |

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| **Mnemonic** | **Description** | **Catnum(s)** | Denominator | **Numerator** |
| **OSTEOPOROSIS** | | |  |  |
| ostp10 | Female >64 had bone density test after age 60 | 50, (16, 48, 51, 60 and  othrcare not =1) 54 with FE flag and othrcare not=1 | Includes all cases except:   * The patient is terminally ill * male or gender unknown * females age <= 64 | Cases included in the denominator will pass if: a bone mineral density test has been done since age 60 by DEXA and  * the skeletal site of testing was the hip and lumbar spine |
| **TOBACCO** | | |  |  |
| **smg8** | **Tobacco Users receiving counseling on how to quit-MH and non-MH** | **50, 51 16, 48, 60. 54 with FE flag** | **Includes all cases except:**   * **The patient is terminally il** * **The patient is a life-time non-user of tobacco or has not used tobacco in the last 7 years** * **The date of the most recent tobacco screening is 99/99/9999 (patient was not screened)** * **The patient was screened for tobacco use and was not a current tobacco user at the most recent screening** | Cases included in the denominator will pass if:   * **the patient was provided with direct brief counseling on how to quit tobacco within the last year** |
| **smg10** | **Tobacco cessation medication offered- MH and non-MH** | **50, 51 16, 48, 60. 54 with FE flag** | **Includes all cases except:**   * **The patient is terminally ill** * **The patient is a life-time non-user of tobacco or has not used tobacco in the last 7 years** * **The date of the most recent tobacco screening is 99/99/9999 (patient was not screened)** * **The patient was screened for tobacco use and was not a current tobacco user at the most recent screening** | **Cases included in the denominator will pass if:**  **One of the following**   * **Medication to assist with tobacco cessation was offered by a prescribing provider, OR** * **Both of the following**   + **Medication to assist with tobacco cessation was offered by a non- prescribing provider And**   + **The non-prescribing provider did document the patient’s request in the record or the patient refused tobacco cessation medication** |

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| **Mnemonic** | **Description** | **Catnum(s)** | Denominator | | **Numerator** |
| **smg9** | **Offered referral to assist with smoking cessation MH and non-MH** | **50, 51 16, 48, 60. 54 with FE flag** | **Includes all cases except:**   * **The patient is terminally ill** * **The patient is a life-time non-user of tobacco or has not used tobacco in the last 7 years** * **The date of the most recent tobacco screening is 99/99/9999 (patient was not screened)** * **The patient was screened for tobacco use and was not a current tobacco user at the most recent screening** | | **Cases included in the denominator will pass if:**   * **the patient was offered referral for individual intervention or to a tobacco use cessation program** |
| smg2n | Used tobacco in past 12 months Nexus non-MH | **50** | Includes all cases except:   * The patient is terminally ill | | Cases included in the denominator will pass if:   * the patient is not a lifetime non-user and * the patient was screened for tobacco use and is a tobacco user or * the patient was not screened for tobacco use in the past year |
| smg2mn | Used tobacco in past 12 months Nexus -MH | 51 | Includes all cases except:   * The patient is terminally ill | Cases included in the denominator will pass if:   * the patient is not a lifetime non-user and * the patient was screened for tobacco use and is a tobacco user or * the patient was not screened for tobacco use in the past year | |
| p7 | Screened for tobacco use Nexus clinics | 50, 51 16, 48, 60, 54 with FE flag | Includes all cases except:   * The patient is terminally ill | Cases included in the denominator will pass if: the patient is a lifetime non-user of tobacco, or has not used tobacco within the past 7 years OR  * the patient was screened for tobacco use in the past year (is or is not a user.) | |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | | **Numerator** |
| **MOVE!** | | |  | |  |
| mov6 | Participation in MOVE!/Weight Management treatment | 50, (16, 48, 51, 60 and  othrcare not =1), 54 with FE flag and othrcare=1 | Includes all cases except:   * The patient is terminally ill * Age <=17 or >=70 * There is documentation within the past year of an indicator that weight management treatment is not appropriate * There is documentation in the year prior to the past year of a permanent contraindication to weight management treatment * The BMI is <25 * The BMI is >=25and <30 and there are no obesity related co-morbidities | | Cases included in the denominator will pass if:   * Within the past year the patient participated in VA weight management treatment or participated in non-VHA weight management treatment |
| **MEDICATION RECONCILIATION** | | | |  |  |
| mrec43 | Reconciled medication list provided to patient | 50 or 51 and othrcare not=1, 54 and FE flag =1 and othrcare not=1 | | Includes all cases except:  * No medication list was given to the patient/caregiver **and** documented that patient maintains own medication list * The patient refused a list of the reconciled medications | Cases included in the denominator will pass if:  * There is documentation that a written list of the reconciled discharge medications was provided to the patient/caregiver at the end of Nexus clinic visit |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| mrec54 | Essential medication list for review with all components in note | 50 or 51 and othrcare not=1, 54 and FE flag =1 and othrcare not=1 | Includes all cases | Cases included in the denominator will pass if:  * During the most recent NEXUS encounter there is evidence in the medical record that a medication list for review included all of the Essential Medication List components   + Active VA Prescriptions   + Remote Active VA Prescriptions   + Non-VA Prescriptions   + Expired VA Prescriptions within the last 90 days( and may include those expired within the past 180 days)   + Discontinued VA Prescriptions within the last 90 days (and may include those discontinued within the past 180 days) * Pending Medication Orders |
| mrec55 | Essential medication list for review includes active VA prescriptions | 50 or 51 and othrcare not=1, 54 and FE flag =1 and othrcare not=1 | Includes all cases | Cases included in the denominator will pass if:  * During the most recent NEXUS encounter there is evidence in the medical record that a medication list for review included active VA prescriptions |
| mrec56 | Essential medication list for review includes remote active VA prescriptions | 50 or 51 and othrcare not=1, 54 and FE flag =1 and othrcare not=1 | Includes all cases | Cases included in the denominator will pass if:  * During the most recent NEXUS encounter there is evidence in the medical record that a medication list for review included remote active VA prescriptions |
| mrec57 | Essential medication list for review includes non-VA medications | 50 or 51 and othrcare not=1, 54 and FE flag =1 and othrcare not=1 | Includes all cases | Cases included in the denominator will pass if:  * During the most recent NEXUS encounter there is evidence in the medical record that a medication list for review included non-VA medications |
| mrec58 | Essential medication list for review includes expired VA prescriptions | 50 or 51 and othrcare not=1, 54 and FE flag =1 and othrcare not=1 | Includes all cases | Cases included in the denominator will pass if:  * During the most recent NEXUS encounter there is evidence in the medical record that a medication list for review included expired VA prescriptions within the last 90 days (and may include those expired within the past 180 days) |

**CGPI Pilot Indicators**

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| mrec59 | Essential medication list for review includes discontinued VA prescriptions | 50 or 51 and othrcare not=1, 54 and FE flag =1 and othrcare not=1 | Includes all cases | Cases included in the denominator will pass if:  * During the most recent NEXUS encounter there is evidence in the medical record that a medication list for review included discontinued VA medications within the last 90 days (and may include those discontinued within the past 180 days) |
| mrec60 | Essential medication list for review includes pending medication orders | 50 or 51 and othrcare not=1, 54 and FE flag =1 and othrcare not=1 | Includes all cases | Cases included in the denominator will pass if:  * During the most recent NEXUS encounter there is evidence in the medical record that a medication list for review included pending medication orders |
| mrec61 | Essential medication list reviewed with patient/caregiver | 50 or 51 and othrcare not=1, 54 and FE flag =1 and othrcare not=1 | Includes all cases except:   * There is documentation the patient/caregiver is unable or unwilling to participate in review of essential medication list components | Cases included in the denominator will pass if:   * During the most recent NEXUS encounter there is evidence in the medical record the available essential medication list components were reviewed with the patient/caregiver |
| p33 | Breast Screen age45-74 timely per ACS guidelines |  | Includes all cases except:   * Terminally ill patients * Males or gender unknown * Age<45 or >74 * Those who did not have or refused to have a mammogram and   + The patient had a bilateral mastectomy or gender alteration in the past   + Those with documentation by the patient’s PCP that he/she does not believe the patient will experience a net benefit from cancer screening because of one or both of the specified reasons (life expectancy < 5 yrs or patient couldn’t tolerate further workup or treatment | Cases included in the denominator will pass if:   * there is documentation of a mammogram performed at this or another VAMC, or by a private sector provider   OR   * The medical record contains a report of a 3D mammogram (tomosynthesis mammogram) performed for the patient   And   * The date of screening is within the past 365 days or * If the patient is age >=55 and <=74 and screening was done in the >365 and <=730 days |

CGPI Pilot Indicators

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| **ACOVE (age 75 years and older)** | | |  |  |
| fe1 | Assessed for urinary incontinence in the last 12 months | 54 and othrcare not=1 | Includes all cases except:Age <75 | Cases included in the denominator will pass if:The patient was screened for urinary incontinence in the past 365 days |
| fe3 | Fall history documented in the past 12 months | 54 and othrcare not=1 | Includes all cases except:Age <75 | Cases included in the denominator will pass if:The patient was asked about the presence/absence of any falls within the preceding 12 months |
| fe9 | Assessed functional status (ADL and IADL) in the past 12 months | 54 and othrcare not=1 | Includes all cases except:Age <75 | Cases included in the denominator will pass if:An assessment of the patient’s ADLs was performed in the last 12 months using a standardized tool AND An assessment of the patient’s instrumental activities of daily living (IADLs) was performed in the last 12 months using a standardized tool |

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| **Mnemonic** | **Description** | **Catnum(s)** | Denominator | Numerator |
| **SCI&D** | | |  |  |
| **SCI&D-DIABETES** | | |  |  |
| scid3 | HbgA1c > 9 or not done in the past year  (low score is better) | 36 othrcare not =1, 61 | Includes all cases except:   * The patient is terminally ill * DM is not flagged as a diagnosis * Age <18 or >75 | Cases included in the denominator will pass if:   * an HbgA1c was done in the past year and * the value of the HbA1c was >9   OR   * an HbgA1c was not done in the past year |
| scid5 | Retinal exam, timely by disease | 36 othrcare not =1, 61 | Includes all cases except:   * The patient is terminally ill * DM is not flagged as a diagnosis * Age <18 or >75 * cases with explicit documentation by an ophthalmologist or optometrist that the patient is blind and no longer needs a retinal exam. | Cases included in the denominator will pass if:   * a retinal exam was done within the past year at this or another VAMC or by a private sector provider and * the exam was performed by an ophthalmologist, an optometrist, retinal photo sent to eye care specialist or digital imaging sent to be read by an ophthalmologist or optometrist   OR   * if a retinal exam as described above was not performed in the past year, then * in the year previous to the past year, a retinal exam was performed by an ophthalmologist, an optometrist, retinal photo sent to eye care specialist or digital imaging sent to be read by an ophthalmologist or optometrist and   + the report of the eye exam showed no retinopathy |
| scid4 | DM-Outpt BP <140/90 | 36 and othrcare not =1, 61 | Includes all cases except:   * patient is terminally ill * DM is not flagged as a diagnosis * Age <18 or >75 | Cases included in the denominator will pass if:  * the most recent blood pressure recorded was <140 systolic and < 90 diastolic |
| scid7 | BP >=160/100 or not recorded  (lower score is better) | **36 and othrcare not =1, 61** | Includes all cases except:   * patient is terminally ill * DM is not flagged as a diagnosis * Age <18 or >75 | Cases included in the denominator will pass if:  * the most recent blood pressure recorded was >= 160 systolic or >=100 diastolic or * a blood pressure was not recorded during the past year. |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| **SCI&D-IMMUNIZATIONS** | | |  |  |
| p19s | Influenza Vaccination  \*\***This indicator will be scored beginning with April visits; does not appear on exit reports in 1Q and 2Q** | 36 and othrcare not =1 or 61 | Includes all cases except:   * patient is terminally ill * The study begin date is < 4/1/2017 * those whose only visit during immunization period preceded availability of the vaccine are excluded | Cases included in the denominator will pass if:  * influenza immunization was given at this VAMC, another VAMC, or in the private sector during the current influenza immunization season * If there is documentation of allergy to eggs or other flu vaccine components, a history of Guillain-Barre Syndrome, or a bone marrow transplant within the past 12 months the case will be **excluded** if the patient refused or did not receive the influenza immunization during the current immunization season |
| p1s | Pneumococcal Vaccination | 36 othrcare not =1, 61 | Includes all cases except:   * patient is terminally ill * **there is documentation the patient refused the PCV13 and the PPSV23 vaccination or there was no documentation the patient received the PCV13 or the PPSV23 vaccination AND there is documentation that the patient had a severe allergic reaction to a PCV13 component AND a PPSV23 component** | Cases included in the denominator will pass if:  * **the patient received the PCV13 pneumococcal vaccination from VHA or in the private sector as an inpatient or outpatient**   **OR**   * **the patient received the PPSV23 pneumococcal vaccination from VHA or in the private sector as an inpatient or outpatient** |
| **SCI&D-TOBACCO** | | |  |  |
| smg8s | Tobacco Users receiving counseling on how to quit- | 36 or 61 | Includes all cases except:   * patient is terminally ill * **The patient is a life-time non-user of tobacco or has not used tobacco in the last 7 years** * **The date of the most recent tobacco screening is 99/99/9999 (patient was not screened)** * **The patient was screened for tobacco use and was not a current tobacco user at the most recent screening** | Cases included in the denominator will pass if:   * was provided with direct brief counseling on how to quit tobacco within the last year |

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| **Mnemonic** | **Description** | **Catnum(s)** | **Denominator** | **Numerator** |
| smg10s | Tobacco cessation medication offered | 36 or 61 | Includes all cases except:   * patient is terminally ill * **The patient is a life-time non-user of tobacco or has not used tobacco in the last 7 years** * **The date of the most recent tobacco screening is 99/99/9999 (patient was not screened)** * **The patient was screened for tobacco use and was not a current tobacco user at the most recent screening** | Cases included in the denominator will pass if:  One of the following   * Medication to assist with tobacco cessation was offered by a prescribing provider, OR * Both of the following   + Medication to assist with tobacco cessation was offered by a non- prescribing provider And   + The non-prescribing provider did document the patient’ s request in the record or the patient refused tobacco cessation medication |
| smg9s | Offered referral to assist with smoking cessation | 36 or 61 | Includes all cases except:   * patient is terminally ill * **The patient is a life-time non-user of tobacco or has not used tobacco in the last 7 years** * **The date of the most recent tobacco screening is 99/99/9999 (patient was not screened)** * **The patient was screened for tobacco use and was not a current tobacco user at the most recent screening** | Cases included in the denominator will pass if:   * the patient was offered referral for individual intervention or to tobacco use cessation program |
| smg2sn | Used tobacco in past 12 months Nexus | 36 or 61 | Includes all cases except:   * patient is terminally ill | Cases included in the denominator will pass if:   * the patient is not a lifetime non-user and * the patient was screened for tobacco use and is a tobacco user or * the patient was not screened for tobacco use in the past year |
| p7s | Outpt Screened for tobacco use | 36 or 61 | Includes all cases except:   * patient is terminally ill | Cases included in the denominator will pass if: the patient is a lifetime non-user of tobacco, or has not used tobacco within the past 7 years OR  * the patient was screened for tobacco use in the past year (is or is not a user.) |