Appendix

**Table 1. ICD9/ICD10 for opioid use disorder**

|  |  |  |
| --- | --- | --- |
| Clinical characteristics | ICD9 | ICD10 |
| opioid use disorder | 304.0,304.00,304.01,304.02,304.03,304.7,304.70,304.71,304.72,304.73,304.8,304.80,304.81,304.82,304.83,305.5,305.50,305.51,305.52,305.53 | F11,F111,F1110,F1112,F11120,F11121,F11122,F11129,F1114,F1115,F11150,F11151,F11159,F1118,F11181,F11182,F11188,F1119,F112,F1120,F1121,F1122,F11220,F11221,F11222,F11229,F1123,F1124,F1125,F11250,F11251,F11259,F1128,F11281,F11282,F11288,F1129,F119,F1190,F1192,F11920,F11921,F11922,F11929,F1193,F1194,F1195,F11950,F11951,F11959,F1198,F11981,F11982,F11988,F1199 |

**Table 2. stop codes to define OUD telemedicine visits**

|  |  |  |
| --- | --- | --- |
|  | **Clinic Stop code** | **Stop Code Name** |
| Secondary | 644 | National center real time clinical video telehealth- patient site |
| 645 | National center real time clinical video telehealth- provider site |
| 690 | Real time clinical video telehealth- patient site |
| 692 | Real time clinical video telehealth provider site (same division/station) |
| 693 | Real time clinical video telehealth- provider site (not same station) |
| 179 | Real time clinical video telehealth to home- provider site |
| 648 | Real time clinical video telehealth with non-vamc location- provider site |
| 694 | Store & forward telehealth- patient site |
| 695 | Store & forward telehealth- provider site (same station) |
| 699 | Real time clinical video telehealth- emergency consultation (provider enters workload at patient site) |

**Table 3. Stop codes to determine homelessness**

|  |  |
| --- | --- |
| Stop code | Name |
| 504 | Grant and Per Diem- Group |
| 507 | HUD/VASH- Group |
| 508 | HCHV/HCMI- Group |
| 511 | Grant and Per Diem- Individual |
| 522 | Department of Housing and Urban Development (HUD)-VA Supported Housing (VASH) Individual |
| 528 | Telephone/Homeless Chronically Mentally Ill (HCMI) |
| 529 | HCHV/HCMI- Individual |
| 530 | Telephone/HUD-VASH |
| 555 | Homeless Veteran Community Employment Services- Individual |
| 556 | Homeless Veteran Community Employment Services- Group |
| 590 | Community Outreach to Homeless Veterans by Staff Other than HCHV and RRTP Programs |
| 76 | HOMELESS MENTALLY ILL OUTREACH |
| 453 | HOMELESS EVALUATION |
| 455 | LOCAL USE FOR DOM/HOMELESS |
| 458 | HOMELESS DUAL DIAGNOSIS |
| 460 | HOMELESS VETERAN |
| 501 | HOMELESS MENTALLY ILL OUTREACH |
| 555 | HOMELESS VT COM EMP SVC INDIV |
| 556 | HOMELESS VT COM EMP SVC GRP |

**Table 4. ICD9/ICD10 for clinical characteristics**

|  |  |  |
| --- | --- | --- |
| Clinical characteristics | ICD9 | ICD10 |
| major depressive disorder | 296.2,296.20,296.21,296.22,296.23,296.24,296.25,296.26,296.3,296.3,296.31,296.32,296.33,296.34,296.35,296.36,298.0,300.4,309.0,309.1,296.9,296.9,296.99,293.83,301.12,311 | F32,F320,F321,F322,F323,F324,F325,F329,F33,F330,F331,F332,F333,F334,F3340,F3341,F3342,F338,F339 |
| bipolar disorder | 296.0,296.00,296.01,296.02,296.03,296.04,296.05,296.06,296.1,296.10,296.11,296.12,296.13,296.14,296.15,296.16,296.4,296.40,296.41,296.42,296.43,296.44,296.45,296.46,296.5,296.50,296.51,296.52,296.53,296.54,296.55,296.56,296.7,296.8,296.80,296.81,296.82,296.89 | F30,F301,F301,F3010,F3010,F3011,F3011,F3012,F3012,F3013,F3013,F302,F302,F303,F304,F308,F309,F31,F310,F311,F311,F3110,F3110,F3111,F3111,F3112,F3112,F3113,F3113,F312,F312,F313,F313,F3130,F3130,F3131,F3131,F3132,F3132,F314,F314,F315,F315,F316,F3160,F3161,F3162,F3163,F3163,F3164,F3164,F317,F3170,F3171,F3172,F3173,F3174,F3175,F3175,F3176,F3176,F3177,F3178,F318,F3181,F3189,F319,F313,F3130,F3131,F3132,F314,F315,F3175,F3176 |
| PTSD | 309.81 | F431,F4310,F4311,F4312 |
| other anxiety disorders | 300.0,300.00,300.01,300.02,300.09,300.10,300.2,300.20,300.21,300.22,300.23,300.29 | F064,F40,F40.0,F40.00,F40.01,F40.02,F40.1,F40.10,F40.11,F40.2,F40.21,F40.21,F40.21,F40.22,F40.22,F40.22,F40.23,F40.23,F40.23,F40.23,F40.23,F40.24,F40.24,F40.24,F40.24,F40.24,F40.24,F40.29,F40.29,F40.29,F408,F409,F41,F410,F413,F418,F419,F42,F43,F430,F438,F439,F45.2,F45.20,F45.21,F45.29,R457,F411 |
| psychotic disorders | 295.0,295.00,295.01,295.02,295.03,295.04,295.05,295.1,295.10,295.11,295.12,295.13,295.14,295.15,295.2,295.20,295.21,295.22,295.23,295.24,295.25,295.3,295.30,295.31,295.32,295.33,295.34,295.35,295.4,295.40,295.41,295.42,295.43,295.44,295.45,295.5,295.50,295.51,295.52,295.53,295.54,295.55,295.6,295.60,295.61,295.62,295.63,295.64,295.65,295.7,295.70,295.71,295.72,295.73,295.74,295.75,295.8,295.80,295.81,295.82,295.83,295.84,295.85,295.9,295.90,295.91,295.92,295.93,295.94,295.95,298,298.0,298.1,298.2,298.3,298.4,298.8,298.9 | F20,F200,F201,F202,F203,F205,F208,F2089,F209,F25,F251,F060,F062,F063,F0630,F0631,F0632,F0633,F0634,F22,F23,F24,F28,F29,F53 |
| alcohol use disorder | 303.0,303.00,303.01,303.02,303.03,303.9,303.90,303.91,303.92,303.93,305.0,305,00,305.01,305.02,305.03,291,291.0,291.1,291.2,291.3,291.4,291.5,291.8,291.9 | F10,F101,F1010,F1012,F10120,F10121,F10129,F1014,F1015,F10150,F10151,F10159,F1018,F10180,F10181,F10182,F10188,F1019,F102,F1020,F1021,F1022,F10220,F10221,F10229,F1023,F10230,F10231,F10232,F10239,F1024,F1025,F10250,F10251,F10259,F1026,F1027,F1028,F10280,F10281,F10282,F10288,F1029,F109,F1092,F10920,F10921,F10929,F1094,F1095,F10950,F10951,F10959,F1096,F1097,F1098,F10980,F10981,F10982,F10988,F1099 |
| stimulant use disorder | 304.2,304.20,304.21,304.22,304.23,305.6,305.60,305.61,305.62,305.63,304.4,304.40,304.41,304.42,304.43,305.7,305.70,305.71,305.72,305.73 | F14,F141,F1410,F1412,F14120,F14121,F14122,F14129,F1414,F1415,F14150,F14151,F14159,F1418,F14180,F14181,F14182,F14188,F1419,F142,F1420,F1421,F1422,F14220,F14221,F14222,F14229,F1423,F1424,F1425,F14250,F14251,F14259,F1428,F14280,F14281,F14282,F14288,F1429,F149,F1490,F1492,F14920,F14921,F14922,F14929,F1494,F1495,F14950,F14951,F14959,F1498,F14980,F14981,F14982,F14988,F1499,F15,F151,F1510,F1512,F15120,F15121,F15122,F15129,F1514,F1515,F15150,F15151,F15159,F1518,F15180,F15181,F15182,F15188,F1519,F152,F1520,F1521,F1522,F15220,F15221,F15222,F15229,F1523,F1524,F1525,F15250,F15251,F15259,F1528,F15280,F15281,F15282,F15288,F1529,F159,F1590,F1592,F15920,F15921,F15922,F15929,F1593,F1594,F1595,F15950,F15951,F15959,F1598,F15980,F15981,F15982,F15988,F1599 |
| cannabis use disorder  | 304.3,304.30,304.31,304.32,304.33,304.3,305.20,305.21,305.22,305.23 | F12,F121,F1210,F1212,F12120,F12121,F12122,F12129,F1215,F12150,F12151,F12159,F1218,F12180,F12188,F1219,F122,F1220,F1221,F1222,F12220,F12221,F12222,F12229,F1225,F12250,F12251,F12259,F1228,F12280,F12288,F1229,F129,F1290,F1292,F12920,F12921,F12922,F12929,F1295,F12950,F12951,F12959,F1298,F12980,F12988,F1299 |
| other substance use disorder  | 304.1,304.10,304.11,304.12,304.13,304.5,304.50,304.51,304.52,304.53,304.6,304.60,304.61,304.62,304.63,304.9,304.90,304.91,304.92,304.93,305.3,305.30,305.31,305.32,305.33,305.4,305.40,305.41,305.42,305.43,305.8,305.80,305.81,305.82,305.83,305.9,305.90,305.91,305.92,305.93,292,292.0,292.1,292.11,292.12,292.2,292.8,292.81,292.82,292.83,292.84,292.85,292.89,292.9 | F1614,F1614,F1615,F16150,F16151,F16159,F16180,F1624,F1624,F1625,F16250,F16251,F16259,F16280,F1694,F1694,F1695,F16950,F16951,F16959,F16980,F1814,F1814,F1815,F18150,F18151,F18159,F18180,F1824,F1824,F1825,F18250,F18251,F18259,F18280,F1894,F1894,F1895,F18950,F18951,F18959,F18980,F1914,F1914,F1915,F19150,F19151,F19159,F19180,F1924,F1924,F1925,F19250,F19251,F19259,F19280,F1994,F1994,F1995,F19950,F19951,F19959,F19980,F131,F1310,F1312,F13120,F13121,F13129,F1314,F1315,F13150,F13151,F13159,F1318,F13180,F13181,F13182,F13188,F1319,F132,F1320,F1321,F1322,F13220,F13221,F13229,F1323,F13230,F13231,F13232,F13239,F1324,F1325,F13250,F13251,F13259,F1326,F1327,F1328,F13280,F13281,F13282,F13288,F1329,F139,F1390,F1392,F13920,F13921,F13929,F1393,F13930,F13931,F13932,F13939,F1394,F1395,F13950,F13951,F13959,F1396,F1397,F1398,F13980,F13981,F13982,F13988,F1399 |