**Supplemental Digital Content 2 - Appendix 2**: Reasons for the first hospitalization after HIV diagnosis among 261 male active duty Army and Air Force HIV-infected military personnel

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| **Disease Category** | **ICD-9 – Description (n)** | **Total (%)** |
| Mental disorders  | 309.0 - Adjustment reaction, brief depressive (5), 296.22 - Major depressive disorder, only episode, moderate degree (2), 311 - Depressive disorder, nec (2), 292.84 - Drug-induced organic affective syndrome (1), 296.20 - Major depressive disorder, only episode, unspecified degree (1), 305.21 - Cannabis abuse, continuous use (1), 309.4 - Adjustment reaction with mixed disturbance (1), 309.81 - Prolonged posttraumatic stress disorder (1) | 14 (30) |
| Infectious and parasitic diseases  | 094.9 - Neurosyphilis nos (3), 047.9 - Meningitis due to enterovirus nos (1), 006.3 - Amebic liver abscess (1), 007.1 - Giardiasis (1), 011.90 - Unspecified pulmonary tuberculosis, unspecified examination (1), 053.9 - Herpes zoster without mention of complications (1), 070.54 - Chronic hepatitis c without hepatic coma (1), 079.99 - Unspecified viral infections (1), 097.9 - Syphilis, unspecified (1) | 11 (23) |
| Digestive system  | 528.3 - Cellulitis and abscess of the oral soft tissues (1), 540.0 - Acute appendicitis with generalized peritonitis (1), 540.9 - Acute appendicitis without mention of peritonitis (1), 558.9 - Gastroenteritis and colitis, noninfectious, nec/nos (1), 575.11 - Other cholecystitis, chronic (1), 577.0 - Acute pancreatitis (1) | 6 (13) |
| Respiratory system  |  465.9 - Acute upper respiratory infection, multiple site, nos (2), 473.8 - Chronic sinusitis nec (1), 485 - Bronchopneumonia, organism unspecified (1), 486 - Pneumonia, organism unspecified (1), 518.81 - Respiratory failure (1) | 6 (13) |

Disease groups that made up less than 10% of total hospitalizations are not shown and include:

682.6 - Other cellulitis and abscess, leg, except foot (n=2), 693.0 - Dermatitis from ingestion of drugs and medicines (n=1), 281.9 - Other deficiency anemias nos (n=1), 285.9 - Anemias nos (n=1), 724.5 - Backache, nos (n=1), 733.41 - Aseptic necrosis of head of humerus (n=1), 276.5 - Volume depletion (n=1), 607.3 - Priapism (n=1), 357.0 - Acute infective polyneuritis (n=1)