**Appendix Table III.** ICD-9 and ICD-10 codes used to calculate Elixhauser scores.

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| --- | --- |
| **Diagnosis** | **Codes** |
| AIDS/HIV | 042–044, B20–B22, B24 |
| Alcohol abuse  | 2652, 2911–2913, 2915, 2918, 2919, 3030, 3039, 3050, 3575, 4255, 5353, 5710–5713, 980, E52, F10, G621, I426, K292, K700, K703, K709, T51, V113, Z502, Z714, Z721 |
| Blood loss anemia | 2800, D500 |
| Cardiac arrhythmia | 4260, 42610, 42612, 42613, 4267, 4269, 4270–4274, 4276, 4278, 4279, 7850, 99601, 99604, I441–I443, I456, I459, I47–I49, R000, R001, R008, T821, V450, V533, Z450, Z950 |
| Chronic pulmonary disease | 4168, 4169, 490, 491–496, 500, 501–505, 5064, 5081, 5088, I278, I279, J40–J47, J60–J67, J684, J701, J703 |
| Coagulopathy | 286, 287, 2873–2875, D65–D68, D691–D696 |
| Congestive heart failure | 39891, 40201, 40211, 40291, 40401, 40403, 40411, 40413, 40491, 40493, 4254, 4255, 4257–4259, 428, I099, I110, I130, I132, I255, I420, I425–I429, I43, I50, P290 |
| Deficiency anemia | 2801, 2808, 2809, 281, D508, D509, D51–D53 |
| Depression | 2962, 2963, 2965, 3004, 309, 311, F204, F313–F315, F32, F33, F341, F412, F432 |
| Diabetes, complicated | 2504–2509, E102–E108, E112–E118, E122–E128, E132–E138, E142–E148 |
| Diabetes, uncomplicated  | 2500–2503, E100, E101, E109–E111, E119–E121, E129–E131, E139–E141, E149 |
| Drug abuse | 292, 304, 3052–3059, F11–F16, F18, F19, V6542, Z715, Z722 |
| Fluid and electrolyte disorders | 2536, 276, E222, E86, E87 |
| Hypertension, complicated | 402–405, I11–I13, I15 |
| Hypertension, uncomplicated | 401, I10 |
| Hypothyroidism | 2409, 243, 244, 2461, 2468, E00–E03, E890 |
| Liver disease | 07022, 07023, 07032, 07033, 07044, 07054, 0706, 0709, 4560–4562, 570, 571, 5722–5724, 5728, 5733, 5734, 5738, 5739, B18, I85, I864, I982, K70, K711, K713–K715, K717, K72–K74, K760, K762–K769, V427, Z944 |
| Lymphoma | 200–202, 2030, 2386, C81–C85, C88, C96, C900, C902 |
| Metastatic cancer | 196–199, C77–C80 |
| Obesity | 2780, E66 |
| Other neurological disorder | 3319–3321, 3334, 3335, 33392, 334, 335, 3362, 340, 341, 345, 3481, 3483, 7803, 7843 |
| Paralysis | 3341, 342, 343, 3440, 3441–3446, 3449, G041, G114, G801, G802, G81, G82, G830–G834, G839 |
| Peptic ulcer disease, excluding bleeding | 5317, 5319, 5327, 5329, 5337, 5339, 5347, 5349, K257, K259, K267, K269, K277, K279, K287, K289 |
| Peripheral vascular disorder | 0930, 4373, 440, 441, 4431, 4432, 4438, 4439, 4471, 5571, 5579, I70, I71, I731, I738, I739, I771, I790, I792, K551, K558, K559, V434, Z958, Z959 |
| Psychoses | 2938, 295, 29604, 29614, 29644, 29654, 297, 298, F20, F22–F25, F28, F29, F302, F312, F315 |
| Pulmonary circulatory disorder | 4150, 4151, 416, 4170, 4178, 4179, I26, I27, I280, I288, I289 |
| Renal failure | 40301, 40311, 40391, 40402, 40403, 40412, 40413, 40492, 40493, 585, 586, 5880, I120, I131, N18, N19, N250, V420, V451, V56, Z490–Z492, Z940, Z992 |
| Rheumatoid arthritis/collagen | 446, 7010, 7100–7104, 7108, 7109, 7112, 714, 7193, 720, 725, 7285, 72889, 72930, L940, L941, L943, M05, M06, M08, M120, M123, M30, M310–M313, M32–M35, M45, M461, M468, M469 |
| Solid tumor without metastasis | 140–172, 174–195, C00, C01–C26, C30–C34, C37–C41, C43, C45–C58, C60–C76, C97 |
| Valvular disease | 0932, 394–397, 424, 7463–7466, A520, I05–I08, I091, I098, I34–I39, Q230–Q233, V422, V433, Z952–Z954 |
| Weight loss | 260–263, 7832, 7994, E40–E46, R634, R64 |

AIDS, acquired immunodeficiency syndrome; HIV, human immunodeficiency virus; ICD, *International Classification of Diseases*.