## Supplemental Content

## Table S1. Distribution of diagnoses according to the ICD-10 System\*

\*International Statistical Classification of Diseases and Related Health Problems, 10th Revision (ICD-10)

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| --- | --- | --- | --- |
| **ICD-10 Chapter** | **ICD-10 Subgroup** | **No./ subgroup**  | **No./ chapter** |
| Chapter ICertain infectious and parasitic diseases (A00 - B99)  | intestinal (A04, A08 - A09)bacteraemia (A40 - A41)unspecified infections (B99)other | 710207 | 44 |
| Chapter IINeoplasms (C00 - D48) | malignant neoplasm (C15 - C92)benign neoplasm (D18, D32)other | 5822 | 62 |
| Chapter IIIDiseases of the blood and blood-forming organs and certain disorders involving the immune mechanism(D50 - D89) | anaemia (D50 - D64)other | 242 | 26 |
| Chapter IVEndocrine, nutritional and metabolic diseases(E00 - E90)  | hormones (E03 - E06, E21 - E27)diabetes / hypoglycaemia (E11 - E16)malnutrition (E40 - E46)electrolyte disorders (E83, E87)dehydration (E86)other | 116578353 | 138 |
| Chapter VMental and behavioural disorders(F00 - F99) | dementia (F00 - F03)intoxications (F10 - F13)depression / anxiety (F31 - F48)other | 4351808 | 182 |
| Chapter VIDiseases of the nervous system(G00 - G99) | extrapyramidal disorders (G20)Alzheimer's disease (G30.1)epilepsy (G40 - G41)polyneuropathy (G60 - G63)other | 182241519 | 78 |
| Chapter VIIIDiseases of the ear and mastoid process(H60 - H95) | Disease of the external ear (H60)Disease of the inner ear (H81.9)other | 421 | 7 |
| Chapter IXDiseases of the circulatory system(I00 - I99) | coronary syndrome (I20 - I21)heart failure (I25, I42, I50)thromboembolism / pulmonaryhypertension (I26, I27, I82)arrhythmia (I44 - I48)cerebral haemorrhage or ischemic disease (I61 - I66, I69)cerebrovascular disease (I67)orthostasis (I95, I98)other | 22651213335329 | 191 |

**Table S1.** **Distribution of diagnoses according to the ICD-10 System “(continued)”**

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| --- | --- | --- | --- |
| **ICD-10 Chapter** | **ICD-10 Subgroup** | **No./****subgroup** | **No./****chapter** |
| Chapter XDiseases of the respiratory system(J00 - J99) | pneumonia (J13 - J18)bronchitis / COPD (J20 - J44)interstitial lung disease (J84.9)other | 761016 | 93 |
| Chapter XIDiseases of the digestive system(K00 - K93) | ulcer disease (K20 - K29)diseases of intestines (K50 - K59)peritonitis (K63 - K65)liver disease (K70 - K74)biliary (K80 - K83)other | 9112642 | 34 |
| Chapter XIIDiseases of the skin and subcutaneous tissue(L00 - L99) | Diseases of the skin (L00 - L08) | 4 | 4 |
| Chapter XIIIDiseases of the musculoskeletal system and connective tissue(M00 - M99) | pyogenic arthritis (M00)spinal problem (M40 - M48)rhabdomyolysis (M62.8)other | 781813 | 46 |
| Chapter XIVDiseases of the genitourinary system(N00 - N99) | renal failure (N17 - N19)urinary tract infection (N30, N39) | 59112 | 171 |
| Chapter XVIICongenital malformations, deformations and chromosomal abnormalities(Q00 - Q99) | phakomatosis (Q85.9) | 1 | 1 |
| Chapter XVIIISymptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified(R00 - R99) | urinary retention (R33)dizziness and giddiness (R42)functional impairment (R53, R54)other | 858511 | 109 |
| Chapter XIXInjury, poisoning and certain other consequences of external causes(S00 - T98) | trauma related (S06 - S80, T79)poisoning (T36 - T47)other | 671 | 14 |
| Chapter XXExternal causes of morbidity and mortality(V01-Y98) | adverse drug events (X41, Y45, Y54, Y57) | 9 | 9 |
| Chapter XXIFactors influencing health status and contact with health services(Z00 - Z99) | life-management difficulty (Z73.8) | 1 | 1 |

Table legend:

Underlying diagnoses of 1210 patients were classified among 18 of 22 existing ICD-10 Chapters. Within one chapter, different ICD-10 Codes were integrated into *subgroups* in accordance with ICD-10 Groups. These were defined as *subgroups* of ICD-10 Groups in the absence of all existing ICD-10 Codes within one ICD-10 Category. Thus, diagnoses of the cohort were additionally assigned to one of the 63 *subgroups* of ICD-10 Groups. Uncommon diagnoses were summarised to one of the 13 “*other*”*-subgroups* within their ICD-10 Chapters.