## 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 I  Certain infectious and parasitic diseases (A00 - B99) | intestinal (A04, A08 - A09)  bacteraemia (A40 - A41)  unspecified infections (B99)  other | 7  10  20  7 | 44 |
| Chapter II  Neoplasms (C00 - D48) | malignant neoplasm (C15 - C92)  benign neoplasm (D18, D32)  other | 58  2  2 | 62 |
| Chapter III  Diseases of the blood and blood-forming organs and certain disorders involving the immune mechanism  (D50 - D89) | anaemia (D50 - D64)  other | 24  2 | 26 |
| Chapter IV  Endocrine, 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 | 11  6  5  78  35  3 | 138 |
| Chapter V  Mental and behavioural disorders  (F00 - F99) | dementia (F00 - F03)  intoxications (F10 - F13)  depression / anxiety (F31 - F48)  other | 43  51  80  8 | 182 |
| Chapter VI  Diseases of the nervous system  (G00 - G99) | extrapyramidal disorders (G20)  Alzheimer's disease (G30.1)  epilepsy (G40 - G41)  polyneuropathy (G60 - G63)  other | 18  2  24  15  19 | 78 |
| Chapter VIII  Diseases of the ear and mastoid process  (H60 - H95) | Disease of the external ear (H60)  Disease of the inner ear (H81.9)  other | 4  2  1 | 7 |
| Chapter IX  Diseases of the circulatory system  (I00 - I99) | coronary syndrome (I20 - I21)  heart failure (I25, I42, I50)  thromboembolism / pulmonary  hypertension (I26, I27, I82)  arrhythmia (I44 - I48)  cerebral haemorrhage or ischemic disease (I61 - I66, I69)  cerebrovascular disease (I67)  orthostasis (I95, I98)  other | 22  65  12  13  33  5  32  9 | 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 X  Diseases of the respiratory system  (J00 - J99) | pneumonia (J13 - J18)  bronchitis / COPD (J20 - J44)  interstitial lung disease (J84.9)  other | 76  10  1  6 | 93 |
| Chapter XI  Diseases 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 | 9  11  2  6  4  2 | 34 |
| Chapter XII  Diseases of the skin and subcutaneous tissue  (L00 - L99) | Diseases of the skin (L00 - L08) | 4 | 4 |
| Chapter XIII  Diseases of the musculoskeletal system and connective tissue  (M00 - M99) | pyogenic arthritis (M00)  spinal problem (M40 - M48)  rhabdomyolysis (M62.8)  other | 7  8  18  13 | 46 |
| Chapter XIV  Diseases of the genitourinary system  (N00 - N99) | renal failure (N17 - N19)  urinary tract infection (N30, N39) | 59  112 | 171 |
| Chapter XVII  Congenital malformations, deformations and chromosomal abnormalities  (Q00 - Q99) | phakomatosis (Q85.9) | 1 | 1 |
| Chapter XVIII  Symptoms, signs and abnormal clinical and laboratory findings, not elsewhere classified  (R00 - R99) | urinary retention (R33)  dizziness and giddiness (R42)  functional impairment (R53, R54)  other | 8  5  85  11 | 109 |
| Chapter XIX  Injury, poisoning and certain other consequences of external causes  (S00 - T98) | trauma related (S06 - S80, T79)  poisoning (T36 - T47)  other | 6  7  1 | 14 |
| Chapter XX  External causes of morbidity and mortality  (V01-Y98) | adverse drug events (X41, Y45, Y54, Y57) | 9 | 9 |
| Chapter XXI  Factors 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.