Table 1

The Long-term care instruments

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Instrument | Country/Region | Administration | Domains/sections |  | Number of items |
| Minimum Data Set 3.0, MDS 3.0New assessment tool for determining dependency on nursing care, NBAInitial assessment instrument, IAI Disability assessment of Long-term care, DA-LTC Specification for elderly care unified need assessment in Shanghai 2.0, SEC-UNA 2.0Longshi Scale, LS | US-HCFAGermany-ABMHJapan-MHLW Chinese-NHSA&MCAChinese-SHHSAChinese-MCA | interview/clinical observationInterview/clinical observationInterview/clinical examinationInterview/clinical examinationInterview/Self-administered interview/ clinical observationInterview/clinical examination | 2188381 |  | 152768517839 |

HCFA Health Care Financing Administration; ABMH the Advisory Board and the Ministry of Health; MHLW Ministry of Health, Labor, and Welfare,

NHSA National Healthcare Security Administration; MCA Ministry of Civil Affairs; SHHSA-Shanghai National Healthcare Security Administratio

Table 2

Number of items (%) of long-term instruments containing concepts that address categories of a particular ICF component

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | MDS 3.0 | NBA | IAI | DA-LTC | SEC-UNA 2.0 | LS |
| Number of ICF categoriesNumber of main conceptsICF categories per component Body structures [n (%)] Body function [n (%)] Activity and participation [n (%)] Environment factors [n (%)] Personal factors [n (%)] | 552402(3.6)26(47.3)17(30.9)5(9.1)5(9.1) | 35760(0)8(22.9)26(74.3)1(2.9)0(0) | 32850(0)14(43.8)17(53.1)1(3.0)0(0) | 23240(0)9(39.1)14(60.9)0(0)0(0) | 49800(0)20(40.8)29(59.2)0(0)0(0) | 19240(0)2(10.5)17(89.5)0(0)0(0) |

Table 3

Linkage of the Long-term care instruments to the ICF categories of the components

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| ICF Category | MDS3.0 | IAI | NBA |   | DA-LTC | SEC-UNA 2.0 | LS |
| Body structure  s320 Structure of mouth s810 Structure of areas of skinBody functions  b110 Consciousness functions b1100 State of consciousness b1140 Orientation to time b1141 Long-term memory b1142 Orientation to person b11420 Orientation to self b117 Intellectual functions b1266 Psychic stability b130 Energy and drive functions b1300 Energy level b1302 Appetite b134 Sleep functions b1400 Sustaining attention b144 Memory functions b1440 Short-term memory b1441 Long-term memory b1442 Retrieval of memory b1470 Psychomotor functions b152 Emotional functions b1521 Regulation of emotion b156 Perceptual functions b1565 Visuospatial perception b160 Though functions b1641 Organization and planning b1671 Expression of language b1720 Simple calculation b210 Seeing functions b230 Hearing functions performance b280 Sensation of pain b3300 Fluency of speech b4400 Respiration rate b5105 Swallowing b525 Defecation functions b5253 Faecal continence b620 Urination functions b6202 Urinary continence b710 Mobility of joint functions b7108 Mobility of joint functions, other specified b7356 Tone of muscles of lower half of body b760 Control of voluntary movement functions b7600 Control of simple b810 Protective functions of the skinActivity and participation d177 Making decision d230 Carry out daily routine d2301 Managing daily routine d240 Handling stress and other psychological d310 Communicating with-receiving-spoken messages d315 Communicating with receiving-nonverbal messages d350 Conversation d3600 Using telecommunication devices d398 Communication, other specified d410 Changing basic body position d4100 Lying down d4103 Sitting d4104 Standing d4106 Shifting the body's center of gravity d4153 Maintaining a sitting position d4154 Maintaining a standing position d420 Transferring oneself d450 Walking d4500 Walking short distances d4501 Walking long distances d4508 Walking, other specified d4551 Climbing d4600 Moving around within the home d4602 Moving around outside the home and other building d465 Moving around using equipment d470 Using transportation d5 Self-care d510 Washing oneself d5100 Washing body parts d5101 Washing whole body d520 Caring for body part d5200 Caring for skin d5201 Caring for teeth d5202 Caring for hair d530 Toileting d5300 Regulating urination d5301 Regulating defecation d5308 Toileting, other specified d540 Dressing d5400 Putting on clothes d5401Taking off clothes d550 Eating d560 Drinking d570 Looking after one's health d5708 Looking after one's health, other specified d6200 Shopping d630 Preparing meals d6300 Preparing simple meals d640 Doing housework d6402 Cleaning living area d710 Basic interpersonal interactions d720 Complex interpersonal interactions d860 Basic economic transactions d910 Community life d920 Recreation and leisure d9205 Socializing d9208 Recreation and leisure, other specified d9209 Recreation and leisure, unspecifiedEnvironment  e1101 Drugs e120 Products and technology for personal indoor and outdoor mobility and transportation e1251 Assistive products and technology for communication e198 Products and technology, other specified e5800 Health servicesPersonal factor Importance for daily preferences Importance for activity preference Height Weight Weight loss |  16111111112211222111111111111111131211111111121273188111 | 121111111111111111112111111111112 | 111111111111111111111111111111111115 |  | 11111111111111111111111 | 2211113211111111111111111111111211111121221111111 | 1111111111111111111 |

ICF International Classification of Functioning, Disability and Health; MDS Minimum Data Set; IAI Initial Assessment Instrument; NBA New Assessment Tool for Determining Dependency on Nursing Care; DA-LTC Chinese Disability Assessment of Long-Term Care; SEC-UNA Chinese specification for Elderly Care Unified Need Assessment in Shanghai; LS Longshi Scale