

Supplementary table 1 Ten medical institutions that participated in the questionnaire survey

Medical institution (Number of beds)	Recruited sample number
Yokohama City University Hospital (674)	200
St. Marianna University Hospital (955)	130
Nippon Medical School Hospital (877)	60
Teikyo University Hospital (1,074)	45
Hokkaido University Hospital (922)	40
Tokyo Medical University Hospital (904)	40
Kitasato University Hospital (1,185)	20
Nobuhara Hospital (60)	5
Saitama Medical University Hospital (965)	5
Health Sciences University of Hokkaido Hospital (24)	5

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Body function

- b110 Consciousness functions
- b114 Orientation functions
- b130 Energy and drive functions
- b134 Sleep function
- b140 Attention functions
- b144 Memory functions
- b152 Emotional functions
- b156 Perceptual functions
- b164 Higher-level cognitive functions
- b210 Seeing functions
- b230 Hearing functions
- b235 Vestibular functions
- b250 Taste function
- b280 Sensation of pain
- b410 Heart functions
- b415 Blood vessel functions
- b420 Blood pressure functions
- b430 Haematological system functions
- b435 Immunological system functions
- b440 Respiration functions
- b4552 Fatiguability
- b510 Ingestion functions
- b515 Digestive functions
- b525 Defecation functions
- b620 Urination functions
- b640 Sexual functions
- b650 Menstruation functions
- b710 Mobility of joint functions

- b730 Muscle power functions
 - b735 Muscle tone functions
 - b765 Involuntary movement functions
 - b780 Sensations related to muscles and movement functions
 - b8 Functions of the skin and related structures
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Body structures

- s110 Structure of brain
 - s2 The eye, ear and related structures
 - s410 Structure of cardiovascular system
 - s5 Structures related to the digestive, metabolic and endocrine systems
 - s610 Structure of urinary system
 - s630 Structure of reproductive system
 - s760 Structure of trunk
 - s8 Skin and related structures
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Activities and Participation

- d110 Watching
- d115 Listening
- d166 Reading
- d170 Writing
- d210 Undertaking a single task
- d240 Handling stress and other psychological demands
- d315 Communicating with - receiving - nonverbal messages
- d350 Conversation
- d430 Lifting and carrying objects
- d440 Fine hand use

- d450 Walking
- d455 Moving around
- d465 Moving around using equipment
- d470 Using transportation
- d475 Driving
- d510 Washing oneself
- d530 Toileting
- d540 Dressing
- d550 Eating
- d560 Drinking
- d570 Looking after one's health
- d620 Acquisition of goods and services**
- d630 Preparing meals**
- d640 Doing housework**
- d710 Basic interpersonal interactions**
- d760 Family relationships**
- d770 Intimate relationships**
- d820 School education**
- d845 Acquiring, keeping and terminating a job**
- d910 Community life**
- d920 Recreation and leisure**

Environmental factors

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- e110 Products or substances for personal consumption
 - e115 Products and technology for personal use in daily living
 - e120 Products and technology for personal indoor and outdoor mobility and transportation
 - e125 Products and technology for communication
 - e150 Design, construction and building products and technology of buildings for public use
 - e225 Climate
 - e240 Light
 - e250 Sound
 - e310 Immediate family
 - e320 Friend
 - e325 Acquaintances, peers, colleagues, neighbours and community members
 - e330 People in positions of authority
 - e355 Health professionals
 - e465 Social norms, practices and ideologies
 - e540 Transportation services, systems and policies
 - e560 Media services, systems and policies
 - e570 Social security services, systems and policies
 - e575 General social support services
 - e580 Health services, systems and policies
 - e590 Labour and employment services, systems and policies
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Bold categories are 'Participation' categories