

COMPREHENSIVE ICF CORE SET for MUSCULOSKELETAL CONDITIONS for POST-ACUTE CARE

BODY FUNCTIONS = physiological functions of body systems (including psychological functions)	
b130	Energy and drive functions
	<p>General mental functions of physiological and psychological mechanisms that cause the individual to move towards satisfying specific needs and general goals in a persistent manner.</p> <p><i>Inclusions: functions of energy level, motivation, appetite, craving (including craving for substances that can be abused) and impulse control</i></p> <p><i>Exclusions: consciousness functions (b110); temperament and personality functions (b126); sleep functions (b134); psychomotor functions (b147); emotional functions (b152)</i></p>
b134	Sleep functions
	<p>General mental functions of periodic, reversible and selective physical and mental disengagement from one's immediate environment accompanied by characteristic physiological changes.</p> <p><i>Inclusions: functions of amount of sleeping, and onset, maintenance and quality of sleep; functions involving the sleep cycle, such as in insomnia, hypersomnia and narcolepsy</i></p> <p><i>Exclusions: consciousness functions (b110); energy and drive functions (b130); attention functions (b140); psychomotor functions (b147)</i></p>
b152	Emotional functions
	<p>Specific mental functions related to the feeling and affective components of the processes of the mind.</p> <p><i>Inclusions: functions of appropriateness of emotion, regulation and range of emotion; affect; sadness, happiness, love, fear, anger, hate, tension, anxiety, joy, sorrow; lability of emotion; flattening of affect</i></p> <p><i>Exclusions: temperament and personality functions (b126); energy and drive functions (b130)</i></p>
b260	Proprioceptive function
	<p>Sensory functions of sensing the relative position of body parts.</p> <p><i>Inclusions: functions of statesthesia and kinaesthesia</i></p> <p><i>Exclusions: vestibular functions (b235); sensations related to muscles and movement functions (b780)</i></p>
b270	Sensory functions related to temperature and other stimuli
	<p>Sensory functions of sensing temperature, vibration, pressure and noxious stimulus.</p> <p><i>Inclusions: functions of being sensitive to temperature, vibration, shaking or oscillation, superficial pressure, deep pressure, burning sensation or a noxious stimulus</i></p> <p><i>Exclusions: touch functions (b265); sensation of pain (b280)</i></p>
b280	Sensation of pain
	<p>Sensation of unpleasant feeling indicating potential or actual damage to some body structure.</p> <p><i>Inclusions: sensations of generalized or localized pain in one or more body part, pain in a dermatome, stabbing pain, burning pain, dull pain, aching pain; impairments such as myalgia, analgesia and hyperalgesia</i></p>
b415	Blood vessel functions
	<p>Functions of transporting blood throughout the body.</p> <p><i>Inclusions: functions of arteries, capillaries and veins; vasomotor function; functions of pulmonary arteries, capillaries and veins; functions of valves of veins; impairments such as in blockage or constriction of arteries; atherosclerosis, arteriosclerosis, thromboembolism and varicose veins</i></p> <p><i>Exclusions: heart functions (b410); blood pressure functions (b420); haematological system functions (b430); exercise tolerance functions (b455)</i></p>
b435	Immunological system functions
	<p>Functions of the body related to protection against foreign substances, including infections, by specific and non-specific immune responses.</p> <p><i>Inclusions: immune response (specific and non-specific); hypersensitivity reactions; functions of lymphatic vessels and nodes; functions of cell-mediated immunity, antibody-mediated immunity; response to immunization; impairments such as in autoimmunity, allergic reactions, lymphadenitis and lymphoedema</i></p> <p><i>Exclusion: haematological system functions (b430)</i></p>
b440	Respiration functions
	<p>Functions of inhaling air into the lungs, the exchange of gases between air and blood, and exhaling air.</p> <p><i>Inclusions: functions of respiration rate, rhythm and depth; impairments such as apnoea, hyperventilation, irregular respiration, paradoxical respiration and bronchial spasm and as in pulmonary emphysema</i></p> <p><i>Exclusions: respiratory muscle functions (b445); additional respiratory functions (b450); exercise tolerance functions (b455)</i></p>
b455	Exercise tolerance functions
	<p>Functions related to respiratory and cardiovascular capacity as required for enduring physical exertion.</p> <p><i>Inclusions: functions of physical endurance, aerobic capacity, stamina and fatigability</i></p> <p><i>Exclusions: functions of the cardiovascular system (b410-b429); haematological system functions (b430); respiration functions (b440); respiratory muscle functions (b445); additional respiratory functions (b450)</i></p>

b525	Defecation functions
	<p>Functions of elimination of wastes and undigested food as faeces and related functions.</p> <p><i>Inclusions: functions of elimination, faecal consistency, frequency of defecation; faecal continence, flatulence; impairments such as constipation, diarrhoea, watery stool and anal sphincter incompetence or incontinence</i></p> <p><i>Exclusions: digestive functions (b515); assimilation functions (b520); sensations associated with the digestive system (b535)</i></p>
b530	Weight maintenance functions
	<p>Functions of maintaining appropriate body weight, including weight gain during the developmental period.</p> <p><i>Inclusions: functions of maintenance of acceptable Body Mass Index (BMI); impairments such as underweight, cachexia, wasting, overweight, emaciation and such as in primary and secondary obesity</i></p> <p><i>Exclusions: assimilation functions (b520); general metabolic functions (b540); endocrine gland functions (b555)</i></p>
b620	Urination functions
	<p>Functions of discharge of urine from the urinary bladder.</p> <p><i>Inclusions: functions of urination, frequency of urination, urinary continence; impairments such as in stress, urge, reflex, overflow, continuous incontinence, dribbling, automatic bladder, polyuria, urinary retention and urinary urgency</i></p> <p><i>Exclusions: urinary excretory functions (b610); sensations associated with urinary functions (b630)</i></p>
b710	Mobility of joint functions
	<p>Functions of the range and ease of movement of a joint.</p> <p><i>Inclusions: functions of mobility of single or several joints, vertebral, shoulder, elbow, wrist, hip, knee, ankle, small joints of hands and feet; mobility of joints generalized; impairments such as in hypermobility of joints, frozen joints, frozen shoulder, arthritis</i></p> <p><i>Exclusions: stability of joint functions (b715); control of voluntary movement functions (b760)</i></p>
b715	Stability of joint functions
	<p>Functions of the maintenance of structural integrity of the joints.</p> <p><i>Inclusions: functions of the stability of a single joint, several joints, and joints generalized; impairments such as in unstable shoulder joint, dislocation of a joint, dislocation of shoulder and hip</i></p> <p><i>Exclusion: mobility of joint functions (b710)</i></p>
b730	Muscle power functions
	<p>Functions related to the force generated by the contraction of a muscle or muscle groups.</p> <p><i>Inclusions: functions associated with the power of specific muscles and muscle groups, muscles of one limb, one side of the body, the lower half of the body, all limbs, the trunk and the body as a whole; impairments such as weakness of small muscles in feet and hands, muscle paresis, muscle paralysis, monoplegia, hemiplegia, paraplegia, quadriplegia and akinetic mutism</i></p> <p><i>Exclusions: functions of structures adjoining the eye (b215); muscle tone functions (b735); muscle endurance functions (b740)</i></p>
b735	Muscle tone functions
	<p>Functions related to the tension present in the resting muscles and the resistance offered when trying to move the muscles passively.</p> <p><i>Inclusions: functions associated with the tension of isolated muscles and muscle groups, muscles of one limb, one side of the body and the lower half of the body, muscles of all limbs, muscles of the trunk, and all muscles of the body; impairments such as hypotonia, hypertonia and muscle spasticity</i></p> <p><i>Exclusions: muscle power functions (b730); muscle endurance functions (b740)</i></p>
b740	Muscle endurance functions
	<p>Functions related to sustaining muscle contraction for the required period of time.</p> <p><i>Inclusions: functions associated with sustaining muscle contraction for isolated muscles and muscle groups, and all muscles of the body; impairments such as in myasthenia gravis</i></p> <p><i>Exclusions: exercise tolerance functions (b455); muscle power functions (b730); muscle tone functions (b735)</i></p>
b755	Involuntary movement reaction functions
	<p>Functions of involuntary contractions of large muscles or the whole body induced by body position, balance and threatening stimuli.</p> <p><i>Inclusions: functions of postural reactions, righting reactions, body adjustment reactions, balance reactions, supporting reactions, defensive reactions</i></p> <p><i>Exclusion: motor reflex functions (b750)</i></p>
b760	Control of voluntary movement functions
	<p>Functions associated with control over and coordination of voluntary movements.</p> <p><i>Inclusions: functions of control of simple voluntary movements and of complex voluntary movements, coordination of voluntary movements, supportive functions of arm or leg, right left motor coordination, eye hand coordination, eye foot coordination; impairments such as control and coordination problems, e.g. dysdiadochokinesia</i></p> <p><i>Exclusions: muscle power functions (b730); involuntary movement functions (b765); gait pattern functions (b770)</i></p>
b770	Gait pattern functions
	<p>Functions of movement patterns associated with walking, running or other whole body movements.</p> <p><i>Inclusions: walking patterns and running patterns; impairments such as spastic gait, hemiplegic gait, paraplegic gait, asymmetric gait, limping and stiff gait pattern</i></p> <p><i>Exclusions: muscle power functions (b730); muscle tone functions (b735); control of voluntary movement functions (b760); involuntary movement functions (b765)</i></p>

b780	Sensations related to muscles and movement functions
	<p>Sensations associated with the muscles or muscle groups of the body and their movement.</p> <p><i>Inclusions: sensations of muscle stiffness and tightness of muscles, muscle spasm or constriction, and heaviness of muscles</i></p> <p><i>Exclusion: sensation of pain (b280)</i></p>
b810	Protective functions of the skin
	<p>Functions of the skin for protecting the body from physical, chemical and biological threats.</p> <p><i>Inclusions: functions of protecting against the sun and other radiation, photosensitivity, pigmentation, quality of skin; insulating function of skin, callus formation, hardening; impairments such as broken skin, ulcers, bedsores and thinning of skin</i></p> <p><i>Exclusions: repair functions of the skin (b820); other functions of the skin (b830)</i></p>

BODY STRUCTURES

= anatomical parts of the body such as organs, limbs and their components

s710	Structure of head and neck region
s720	Structure of shoulder region
s730	Structure of upper extremity
s740	Structure of pelvic region
s750	Structure of lower extremity
s760	Structure of trunk
s810	Structure of areas of skin

ACTIVITIES AND PARTICIPATION	
= execution of a task or action by an individual and involvement in a life situation	
d155	Acquiring skills
	Developing basic and complex competencies in integrated sets of actions or tasks so as to initiate and follow through with the acquisition of a skill, such as manipulating tools or playing games like chess. <i>Inclusion: acquiring basic and complex skills</i>
d177	Making decisions
	Making a choice among options, implementing the choice, and evaluating the effects of the choice, such as selecting and purchasing a specific item, or deciding to undertake and undertaking one task from among several tasks that need to be done. <i>Exclusions: thinking (d163); solving problems (d175)</i>
d230	Carrying out daily routine
	Carrying out simple or complex and coordinated actions in order to plan, manage and complete the requirements of day-to-day procedures or duties, such as budgeting time and making plans for separate activities throughout the day. <i>Inclusions: managing and completing the daily routine; managing one's own activity level</i> <i>Exclusion: undertaking multiple tasks (d220)</i>
d240	Handling stress and other psychological demands
	Carrying out simple or complex and coordinated actions to manage and control the psychological demands required to carry out tasks demanding significant responsibilities and involving stress, distraction or crises, such as driving a vehicle during heavy traffic or taking care of many children. <i>Inclusions: handling responsibilities; handling stress and crisis</i>
d310	Communicating with - receiving - spoken messages
	Comprehending literal and implied meanings of messages in spoken language, such as understanding that a statement asserts a fact or is an idiomatic expression.
d410	Changing basic body position
	Getting into and out of a body position and moving from one location to another, such as getting up out of a chair to lie down on a bed, and getting into and out of positions of kneeling or squatting. <i>Inclusion: changing body position from lying down, from squatting or kneeling, from sitting or standing, bending and shifting the body's centre of gravity</i> <i>Exclusion: transferring oneself (d420)</i>
d415	Maintaining a body position
	Staying in the same body position as required, such as remaining seated or remaining standing for work or school. <i>Inclusions: maintaining a lying, squatting, kneeling, sitting and standing position</i>
d420	Transferring oneself
	Moving from one surface to another, such as sliding along a bench or moving from a bed to a chair, without changing body position. <i>Inclusion: transferring oneself while sitting or lying</i> <i>Exclusion: changing basic body position (d410)</i>
d430	Lifting and carrying objects
	Raising up an object or taking something from one place to another, such as when lifting a cup or carrying a child from one room to another. <i>Inclusions: lifting, carrying in the hands or arms, or on shoulders, hip, back or head; putting down</i>
d440	Fine hand use
	Performing the coordinated actions of handling objects, picking up, manipulating and releasing them using one's hand, fingers and thumb, such as required to lift coins off a table or turn a dial or knob. <i>Inclusions: picking up, grasping, manipulating and releasing</i> <i>Exclusion: lifting and carrying objects (d430)</i>
d445	Hand and arm use
	Performing the coordinated actions required to move objects or to manipulate them by using hands and arms, such as when turning door handles or throwing or catching an object <i>Inclusions: pulling or pushing objects; reaching; turning or twisting the hands or arms; throwing; catching</i> <i>Exclusion: fine hand use (d440)</i>
d450	Walking
	Moving along a surface on foot, step by step, so that one foot is always on the ground, such as when strolling, sauntering, walking forwards, backwards or sideways. <i>Inclusions: walking short or long distances; walking on different surfaces; walking around obstacles</i> <i>Exclusions: transferring oneself (d420); moving around (d455)</i>
d460	Moving around in different locations
	Walking and moving around in various places and situations, such as walking between rooms in a house, within a building or down the street of a town. <i>Inclusions: moving around within the home, crawling or climbing within the home; walking or moving within buildings other than the home, and outside the home and other buildings</i>

d465	Moving around using equipment
	Moving the whole body from place to place, on any surface or space, by using specific devices designed to facilitate moving or create other ways of moving around, such as with skates, skis, or scuba equipment, or moving down the street in a wheelchair or a walker. <i>Exclusions: transferring oneself (d420); walking (d450); moving around (d455); using transportation (d470); driving (d475)</i>
d510	Washing oneself
	Washing and drying one's whole body, or body parts, using water and appropriate cleaning and drying materials or methods, such as bathing, showering, washing hands and feet, face and hair, and drying with a towel. <i>Inclusions: washing body parts, the whole body; and drying oneself</i> <i>Exclusions: caring for body parts (d520); toileting (d530)</i>
d520	Caring for body parts
	Looking after those parts of the body, such as skin, face, teeth, scalp, nails and genitals, that require more than washing and drying. <i>Inclusions: caring for skin, teeth, hair, finger and toe nails</i> <i>Exclusions: washing oneself (d510); toileting (d530)</i>
d530	Toileting
	Planning and carrying out the elimination of human waste (menstruation, urination and defecation), and cleaning oneself afterwards. <i>Inclusions: regulating urination, defecation and menstrual care</i> <i>Exclusions: washing oneself (d510); caring for body parts (d520)</i>
d540	Dressing
	Carrying out the coordinated actions and tasks of putting on and taking off clothes and footwear in sequence and in keeping with climatic and social conditions, such as by putting on, adjusting and removing shirts, skirts, blouses, pants, undergarments, saris, kimono, tights, hats, gloves, coats, shoes, boots, sandals and slippers. <i>Inclusions: putting on or taking off clothes and footwear and choosing appropriate clothing</i>
d550	Eating
	Carrying out the coordinated tasks and actions of eating food that has been served, bringing it to the mouth and consuming it in culturally acceptable ways, cutting or breaking food into pieces, opening bottles and cans, using eating implements, having meals, feasting or dining. <i>Exclusion: drinking (d560)</i>
d560	Drinking
	Taking hold of a drink, bringing it to the mouth, and consuming the drink in culturally acceptable ways, mixing, stirring and pouring liquids for drinking, opening bottles and cans, drinking through a straw or drinking running water such as from a tap or a spring; feeding from the breast. <i>Exclusion: eating (d550)</i>
d570	Looking after one's health
	Ensuring physical comfort, health and physical and mental well-being, such as by maintaining a balanced diet, and an appropriate level of physical activity, keeping warm or cool, avoiding harms to health, following safe sex practices, including using condoms, getting immunizations and regular physical examinations. <i>Inclusions: ensuring one's physical comfort; managing diet and fitness; maintaining one's health</i>
d760	Family relationships
	Creating and maintaining kinship relationships, such as with members of the nuclear family, extended family, foster and adopted family and step-relationships, more distant relationships such as second cousins or legal guardians. <i>Inclusions: parent-child and child-parent relationships, sibling and extended family relationships</i>

ENVIRONMENTAL FACTORS	
= make up the physical, social and attitudinal environment in which people live and conduct their lives	
e110	Products or substances for personal consumption
	Any natural or human-made object or substance gathered, processed or manufactured for ingestion. <i>Inclusions: food and drugs</i>
e115	Products and technology for personal use in daily living
	Equipment, products and technologies used by people in daily activities, including those adapted or specially designed, located in, on or near the person using them. <i>Inclusions: general and assistive products and technology for personal use</i>
e120	Products and technology for personal indoor and outdoor mobility and transportation
	Equipment, products and technologies used by people in activities of moving inside and outside buildings, including those adapted or specially designed, located in, on or near the person using them. <i>Inclusions: general and assistive products and technology for personal indoor and outdoor mobility and transportation</i>
e125	Products and technology for communication
	Equipment, products and technologies used by people in activities of sending and receiving information, including those adapted or specially designed, located in, on or near the person using them. <i>Inclusions: general and assistive products and technology for communication</i>
e150	Design, construction and building products and technology of buildings for public use
	Products and technology that constitute an individual's indoor and outdoor human-made environment that is planned, designed and constructed for public use, including those adapted or specially designed. <i>Inclusions: design, construction and building products and technology of entrances and exits, facilities and routing</i>
e225	Climate
	Meteorological features and events, such as the weather. <i>Inclusions: temperature, humidity, atmospheric pressure, precipitation, wind and seasonal variations</i>
e310	Immediate family
	Individuals related by birth, marriage or other relationship recognized by the culture as immediate family, such as spouses, partners, parents, siblings, children, foster parents, adoptive parents and grandparents. <i>Exclusions: extended family (e315); personal care providers and personal assistants (e340)</i>
e320	Friends
	Individuals who are close and ongoing participants in relationships characterized by trust and mutual support.
e340	Personal care providers and personal assistants
	Individuals who provide services as required to support individuals in their daily activities and maintenance of performance at work, education or other life situation, provided either through public or private funds, or else on a voluntary basis, such as providers of support for home-making and maintenance, personal assistants, transport assistants, paid help, nannies and others who function as primary caregivers. <i>Exclusions: immediate family (e310); extended family (e315); friends (e320); general social support services (e5750); health professionals (e355)</i>
e355	Health professionals
	All service providers working within the context of the health system, such as doctors, nurses, physiotherapists, occupational therapists, speech therapists, audiologists, orthotist-prosthetists, medical social workers. <i>Exclusion: other professionals (e360)</i>
e410	Individual attitudes of immediate family members
	General or specific opinions and beliefs of immediate family members about the person or about other matters (e.g. social, political and economic issues) that influence individual behaviour and actions.
e420	Individual attitude of friends
	General or specific opinions and beliefs of friends about the person or about other matters (e.g. social, political and economic issues) that influence individual behaviour and actions.
e430	Individual attitudes of people in position of authority
	General or specific opinions and beliefs of people in positions of authority about the person or about other matters (e.g. social, political and economic issues) that influence individual behaviour and actions.
e440	Individual attitudes of personal care providers and personal assistants
	General or specific opinions and beliefs of personal care providers and personal assistants about the person or about other matters (e.g. social, political and economic issues) that influence individual behaviour and actions.
e450	Individual attitudes of health professionals
	General or specific opinions and beliefs of health professionals about the person or about other matters (e.g. social, political and economic issues) that influence individual behaviour and actions.
e555	Associations and organizational services, systems and policies
	Services, systems and policies relating to groups of people who have joined together in the pursuit of common, noncommercial interests, often with an associated membership structure.
e575	General social support services, systems and policies
	Services, systems and policies aimed at providing support to those requiring assistance in areas such as shopping, housework, transport, self-care and care of others in order to function more fully in society. <i>Exclusions: personal care providers and personal assistants (e340); social security services, systems and policies (e570); health services, systems and policies (e580)</i>

e580	Health services, systems and policies
	Services, systems and policies for preventing and treating health problems, providing medical rehabilitation and promoting a healthy lifestyle. <i>Exclusion: general social support services, systems and policies (e575)</i>