

## COMPREHENSIVE ICF CORE SET for OSTEOARTHRITIS

<b>BODY FUNCTIONS</b> = physiological functions of body systems (including psychological functions)	
<b>b130</b>	<b>Energy and drive functions</b>
	<p><b>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.</b></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>
<b>b134</b>	<b>Sleep functions</b>
	<p><b>General mental functions of periodic, reversible and selective physical and mental disengagement from one's immediate environment accompanied by characteristic physiological changes.</b></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>
<b>b152</b>	<b>Emotional functions</b>
	<p><b>Specific mental functions related to the feeling and affective components of the processes of the mind.</b></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>
<b>b280</b>	<b>Sensation of pain</b>
	<p><b>Sensation of unpleasant feeling indicating potential or actual damage to some body structure.</b></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>
<b>b710</b>	<b>Mobility of joint functions</b>
	<p><b>Functions of the range and ease of movement of a joint.</b></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>
<b>b715</b>	<b>Stability of joint functions</b>
	<p><b>Functions of the maintenance of structural integrity of the joints.</b></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>
<b>b720</b>	<b>Mobility of bone functions</b>
	<p><b>Functions of the range and ease of movement of the scapula, pelvis, carpal and tarsal bones.</b></p> <p><i>Inclusion: impairments such as frozen scapula and frozen pelvis</i> <i>Exclusion: mobility of joints functions (b710)</i></p>
<b>b730</b>	<b>Muscle power functions</b>
	<p><b>Functions related to the force generated by the contraction of a muscle or muscle groups.</b></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>
<b>b735</b>	<b>Muscle tone functions</b>
	<p><b>Functions related to the tension present in the resting muscles and the resistance offered when trying to move the muscles passively.</b></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>
<b>b740</b>	<b>Muscle endurance functions</b>
	<p><b>Functions related to sustaining muscle contraction for the required period of time.</b></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>

<b>b760</b>	<b>Control of voluntary movement functions</b>
	<p><b>Functions associated with control over and coordination of voluntary movements.</b></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>
<b>b770</b>	<b>Gait pattern functions</b>
	<p><b>Functions of movement patterns associated with walking, running or other whole body movements.</b></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>
<b>b780</b>	<b>Sensations related to muscles and movement functions</b>
	<p><b>Sensations associated with the muscles or muscle groups of the body and their movement.</b></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>

**BODY STUCTURES**

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

<b>s720</b>	<b>Structure of shoulder region</b>
<b>s730</b>	<b>Structure of upper extremity</b>
<b>s740</b>	<b>Structure of pelvic region</b>
<b>s750</b>	<b>Structure of lower extremity</b>
<b>s770</b>	<b>Additional musculoskeletal structures related to movement</b>
<b>s799</b>	<b>Structures related to movement, unspecified</b>

<b>ACTIVITIES AND PARTICIPATION</b>	
= execution of a task or action by an individual and involvement in a life situation	
<b>d410</b>	<b>Changing basic body position</b>
	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>Inclusions: 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>
<b>d415</b>	<b>Maintaining a body position</b>
	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>
<b>d430</b>	<b>Lifting and carrying objects</b>
	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>
<b>d440</b>	<b>Fine hand use</b>
	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>
<b>d445</b>	<b>Hand and arm use</b>
	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>
<b>d450</b>	<b>Walking</b>
	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>
<b>d455</b>	<b>Moving around</b>
	Moving the whole body from one place to another by means other than walking, such as climbing over a rock or running down a street, skipping, scampering, jumping, somersaulting or running around obstacles. <i>Inclusions: crawling, climbing, running, jogging, jumping and swimming</i> <i>Exclusions: transferring oneself (d420); walking (d450)</i>
<b>d470</b>	<b>Using transportation</b>
	Using transportation to move around as a passenger, such as being driven in a car or on a bus, rickshaw, jitney, animal-powered vehicle, or private or public taxi, bus, train, tram, subway, boat or aircraft. <i>Inclusions: using human-powered transportation; using private motorized or public transportation</i> <i>Exclusions: moving around using equipment (d465); driving (d475)</i>
<b>d475</b>	<b>Driving</b>
	Being in control of and moving a vehicle or the animal that draws it, travelling under one's own direction or having at one's disposal any form of transportation, such as a car, bicycle, boat or animal-powered vehicle. <i>Inclusions: driving human-powered transportation, motorized vehicles, animal-powered vehicles</i> <i>Exclusions: moving around using equipment (d465); using transportation (d470)</i>
<b>d510</b>	<b>Washing oneself</b>
	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>
<b>d530</b>	<b>Toileting</b>
	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>
<b>d540</b>	<b>Dressing</b>
	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>

<b>d620</b>	<b>Acquisition of goods and services</b>
	<p>Selecting, procuring and transporting all goods and services required for daily living, such as selecting, procuring, transporting and storing food, drink, clothing, cleaning materials, fuel, household items, utensils, cooking ware, domestic appliances and tools; procuring utilities and other household services.</p> <p><i>Inclusions: shopping and gathering daily necessities</i></p> <p><i>Exclusion: acquiring a place to live (d610)</i></p>
<b>d640</b>	<b>Doing housework</b>
	<p>Managing a household by cleaning the house, washing clothes, using household appliances, storing food and disposing of garbage, such as by sweeping, mopping, washing counters, walls and other surfaces; collecting and disposing of household garbage; tidying rooms, closets and drawers; collecting, washing, drying, folding and ironing clothes; cleaning footwear; using brooms, brushes and vacuum cleaners; using washing machines, driers and irons.</p> <p><i>Inclusions: washing and drying clothes and garments; cleaning cooking area and utensils; cleaning living area; using household appliances, storing daily necessities and disposing of garbage</i></p> <p><i>Exclusions: acquiring a place to live (d610); acquisition of goods and services (d620); preparing meals (d630); caring for household objects (d650); caring for others (d660)</i></p>
<b>d660</b>	<b>Assisting others</b>
	<p>Assisting household members and others with their learning, communicating, self-care, movement, within the house or outside; being concerned about the well-being of household members and others.</p> <p><i>Inclusions: assisting others with self-care, movement, communication, interpersonal relations, nutrition and health maintenance</i></p> <p><i>Exclusion: remunerative employment (d850)</i></p>
<b>d770</b>	<b>Intimate relationships</b>
	<p>Creating and maintaining close or romantic relationships between individuals, such as husband and wife, lovers or sexual partners.</p> <p><i>Inclusions: romantic, spousal and sexual relationships</i></p>
<b>d850</b>	<b>Remunerative employment</b>
	<p>Engaging in all aspects of work, as an occupation, trade, profession or other form of employment, for payment, as an employee, full or part time, or self-employed, such as seeking employment and getting a job, doing the required tasks of the job, attending work on time as required, supervising other workers or being supervised, and performing required tasks alone or in groups.</p> <p><i>Inclusions: self-employment, part-time and full-time employment</i></p>
<b>d910</b>	<b>Community life</b>
	<p>Engaging in all aspects of community social life, such as engaging in charitable organizations, service clubs or professional social organizations.</p> <p><i>Inclusions: informal and formal associations; ceremonies</i></p> <p><i>Exclusions: non-remunerative employment (d855); recreation and leisure (d920); religion and spirituality (d930); political life and citizenship (d950)</i></p>
<b>d920</b>	<b>Recreation and leisure</b>
	<p>Engaging in any form of play, recreational or leisure activity, such as informal or organized play and sports, programmes of physical fitness, relaxation, amusement or diversion, going to art galleries, museums, cinemas or theatres; engaging in crafts or hobbies, reading for enjoyment, playing musical instruments; sightseeing, tourism and travelling for pleasure.</p> <p><i>Inclusions: play, sports, arts and culture, crafts, hobbies and socializing</i></p> <p><i>Exclusions: riding animals for transportation (d480); remunerative and non-remunerative work (d850 and d855); religion and spirituality (d930); political life and citizenship (d950)</i></p>

<b>ENVIRONMENTAL FACTORS</b>	
= make up the physical, social and attitudinal environment in which people live and conduct their lives	
<b>e110</b>	<b>Products or substances for personal consumption</b>
	Any natural or human-made object or substance gathered, processed or manufactured for ingestion. <i>Inclusions: food, drink and drugs</i>
<b>e115</b>	<b>Products and technology for personal use in daily living</b>
	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>
<b>e120</b>	<b>Products and technology for personal indoor and outdoor mobility and transportation</b>
	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>
<b>e135</b>	<b>Products and technology for employment</b>
	Equipment, products and technology used for employment to facilitate work activities. <i>Inclusion: general and assistive products and technology for employment</i>
<b>e150</b>	<b>Design, construction and building products and technology of buildings for public use</b>
	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>
<b>e155</b>	<b>Design, construction and building products and technology of buildings for private use</b>
	Products and technology that constitute an individual's indoor and outdoor human-made environment that is planned, designed and constructed for private use, including those adapted or specially designed. <i>Inclusions: design, construction and building products and technology of entrances and exits, facilities and routing</i>
<b>e225</b>	<b>Climate</b>
	Meteorological features and events, such as the weather. <i>Inclusions: temperature, humidity, atmospheric pressure, precipitation, wind and seasonal variations</i>
<b>e310</b>	<b>Immediate family</b>
	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>
<b>e320</b>	<b>Friends</b>
	Individuals who are close and ongoing participants in relationships characterized by trust and mutual support.
<b>e340</b>	<b>Personal care providers and personal assistants</b>
	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>
<b>e355</b>	<b>Health professionals</b>
	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>
<b>e410</b>	<b>Individual attitudes of immediate family members</b>
	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.
<b>e450</b>	<b>Individual attitudes of health professionals</b>
	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.
<b>e460</b>	<b>Societal attitudes</b>
	General or specific opinions and beliefs generally held by people of a culture, society, subcultural or other social group about other individuals or about other social, political and economic issues that influence group or individual behaviour and actions.
<b>e540</b>	<b>Transportation services, systems and policies</b>
	Services, systems and policies for enabling people or goods to move or be moved from one location to another.
<b>e575</b>	<b>General social support services, systems and policies</b>
	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	<b>Health services, systems and policies</b>
	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>