

## COMPREHENSIVE ICF CORE SET for ANKYLOSING SPONDYLITIS

<b>BODY FUNCTIONS</b>	
= physiological functions of body systems (including psychological functions)	
<b>b130</b>	<b>Energy and drive functions</b>
	<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> <i>Inclusions: functions of energy level, motivation, appetite, craving (including craving for substances that can be abused), and impulse control</i> <i>Exclusions: consciousness functions (b110); temperament and personality functions (b126); sleep functions (b134); psychomotor functions (b147); emotional functions (b152)</i>
<b>b1300</b>	<b>Energy level</b>
	<b>Mental functions that produce vigour and stamina.</b>
<b>b1301</b>	<b>Motivation</b>
	<b>Mental functions that produce the incentive to act; the conscious or unconscious driving force for action.</b>
<b>b134</b>	<b>Sleep functions</b>
	<b>General mental functions of periodic, reversible and selective physical and mental disengagement from one's immediate environment accompanied by characteristic physiological changes.</b> <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> <i>Exclusions: consciousness functions (b110); energy and drive functions (b130); attention functions (b140); psychomotor functions (b147)</i>
<b>b152</b>	<b>Emotional functions</b>
	<b>Specific mental functions related to the feeling and affective components of the processes of the mind.</b> <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> <i>Exclusions: temperament and personality functions (b126); energy and drive functions (b130)</i>
<b>b210</b>	<b>Seeing functions</b>
	<b>Sensory functions relating to sensing the presence of light and sensing the form, size, shape and colour of the visual stimuli.</b> <i>Inclusions: visual acuity functions; visual field functions; quality of vision; functions of sensing light and colour, visual acuity of distant and near vision, monocular and binocular vision; visual picture quality; impairments such as myopia, hypermetropia, astigmatism, hemianopia, colour-blindness, tunnel vision, central and peripheral scotoma, diplopia, night blindness and impaired adaptability to light</i> <i>Exclusion: perceptual functions (b156)</i>
<b>b280</b>	<b>Sensation of pain</b>
	<b>Sensation of unpleasant feeling indicating potential or actual damage to some body structure.</b> <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>
<b>b28010</b>	<b>Pain in head and neck</b>
	<b>Sensation of unpleasant feeling indicating potential or actual damage to some body structure felt in the head and neck.</b>
<b>b28011</b>	<b>Pain in chest</b>
	<b>Sensation of unpleasant feeling indicating potential or actual damage to some body structure felt in the chest.</b>
<b>b28013</b>	<b>Pain in neck</b>
	<b>Sensation of unpleasant feeling indicating potential or actual damage to some body structure felt in the back.</b> <i>Inclusions: pain in the trunk; low backache</i>
<b>b28014</b>	<b>Pain in upper limb</b>
	<b>Sensation of unpleasant feeling indicating potential or actual damage to some body structure felt in either one or both upper limbs, including hands.</b>
<b>b28015</b>	<b>Pain in lower limb</b>
	<b>Sensation of unpleasant feeling indicating potential or actual damage to some body structure felt in either one or both lower limbs, including feet.</b>
<b>b28016</b>	<b>Pain in joints</b>
	<b>Sensation of unpleasant feeling indicating potential or actual damage to some body structure felt in one or more joints, including small and big joints.</b> <i>Inclusions: pain in the hip; pain in the shoulder</i>
<b>b28018</b>	<b>Pain in body part, other specified</b>
<b>b440</b>	<b>Respiration functions</b>
	<b>Functions of inhaling air into the lungs, the exchange of gases between air and blood, and exhaling air.</b> <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> <i>Exclusions: respiratory muscle functions (b445); additional respiratory functions (b450); exercise tolerance functions (b455)</i>

<b>b4402</b>	<b>Depth of respiration</b>
	Functions related to the volume of expansion of the lungs during breathing. <i>Inclusions: impairments such as superficial or shallow respiration</i>
<b>b455</b>	<b>Exercise tolerance functions</b>
	Functions related to respiratory and cardiovascular capacity as required for enduring physical exertion. <i>Inclusions: functions of physical endurance, aerobic capacity, stamina and fatiguability</i> <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>
<b>b640</b>	<b>Sexual functions</b>
	<b>Mental and physical functions related to the sexual act, including the arousal, preparatory, orgasmic and resolution stages.</b> <i>Inclusions: functions of the sexual arousal, preparatory, orgasmic and resolution phase: functions related to sexual interest, performance, penile erection, clitoral erection, vaginal lubrication, ejaculation, orgasm; impairments such as in impotence, frigidity, vaginismus, premature ejaculation, priapism and delayed ejaculation</i> <i>Exclusions: procreation functions (b660); sensations associated with genital and reproductive functions (b670)</i>
<b>b710</b>	<b>Mobility of joint functions</b>
	<b>Functions of the range and ease of movement of a joint.</b> <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> <i>Exclusions: stability of joint functions (b715); control of voluntary movement functions (b760)</i>
<b>b740</b>	<b>Muscle endurance functions</b>
	<b>Functions related to sustaining muscle contraction for the required period of time.</b> <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> <i>Exclusions: exercise tolerance functions (b455); muscle power functions (b730); muscle tone functions (b735)</i>
<b>b770</b>	<b>Gait pattern functions</b>
	<b>Functions of movement patterns associated with walking, running or other whole body movements.</b> <i>Inclusions: walking patterns and running patterns; impairments such as spastic gait, hemiplegic gait, paraplegic gait, asymmetric gait, limping and stiff gait pattern</i> <i>Exclusions: muscle power functions (b730); muscle tone functions (b735); control of voluntary movement functions (b760); involuntary movement functions (b765)</i>
<b>b780</b>	<b>Sensations related to muscles and movement functions</b>
	<b>Sensations associated with the muscles or muscle groups of the body and their movement.</b> <i>Inclusions: sensations of muscle stiffness and tightness of muscles, muscle spasm or constriction, and heaviness of muscles</i> <i>Exclusion: sensation of pain (b280)</i>
<b>b7800</b>	<b>Sensation of muscle stiffness</b>
	Sensation of tightness or stiffness of muscles.

## BODY STRUCTURES

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

<b>s220</b>	<b>Structure of eyeball</b>
<b>s2202</b>	<b>Structure of iris</b>
<b>s430</b>	<b>Structure of respiratory system</b>
<b>s4302</b>	<b>Structure of thoracic cage</b>
<b>s720</b>	<b>Structure of shoulder region</b>
<b>s740</b>	<b>Structure of pelvic region</b>
<b>s750</b>	<b>Structure of lower extremity</b>
<b>s75001</b>	<b>Hip joint</b>
<b>s75011</b>	<b>Knee joint</b>
<b>s75021</b>	<b>Ankle joint and joints of foot and toes</b>
<b>s760</b>	<b>Structure of trunk</b>
<b>s7600</b>	<b>Structure of vertebral column</b>
<b>s76000</b>	<b>Cervical vertebral column</b>
<b>s76001</b>	<b>Thoracic vertebral column</b>
<b>s76002</b>	<b>Lumbar vertebral column</b>
<b>s770</b>	<b>Additional musculoskeletal structures related to movement</b>
<b>s7700</b>	<b>Bones</b>
<b>s7702</b>	<b>Muscles</b>
<b>s7703</b>	<b>Extra-articular ligaments, fasciae</b>

<b>ACTIVITIES AND PARTICIPATION</b>	
= execution of a task or action by an individual and involvement in a life situation	
<b>d230</b>	<b>Carrying out daily routine</b>
	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>
<b>d240</b>	<b>Handling stress and other psychological demands</b>
	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>
<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>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>
<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>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>d520</b>	<b>Caring for body parts</b>
	Looking after those parts of the body, such as skin, face, teeth, scalp, nails and genitals, that requires 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>
<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>d570</b>	<b>Looking after one's health</b>
	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>
<b>d620</b>	<b>Acquisition of goods and services</b>
	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. <i>Inclusions: shopping and gathering daily necessities</i> <i>Exclusion: acquiring a place to live (d610)</i>
<b>d640</b>	<b>Doing housework</b>
	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. <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> <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>
<b>d660</b>	<b>Assisting others</b>
	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. <i>Inclusions: assisting others with self-care, movement, communication, interpersonal relations, nutrition and health maintenance</i> <i>Exclusion: remunerative employment (d850)</i>
<b>d760</b>	<b>Family relationships</b>
	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>
<b>d770</b>	<b>Intimate relationships</b>
	Creating and maintaining close or romantic relationships between individuals, such as husband and wife, lovers or sexual partners. <i>Inclusions: romantic, spousal and sexual relationships</i>
<b>d845</b>	<b>Acquiring, keeping and terminating a job</b>
	Seeking, finding and choosing employment, being hired and accepting employment, maintaining and advancing through a job, trade, occupation or profession, and leaving a job in an appropriate manner. <i>Inclusions: seeking employment; preparing a resume or curriculum vitae; contacting employers and preparing interviews; maintaining a job; monitoring one's own work performance; giving notice; and terminating a job</i>
<b>d845</b>	<b>Acquiring, keeping and terminating a job</b>
	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. <i>Inclusions: self-employment, part-time and full-time employment</i>
<b>d870</b>	<b>Economic self-sufficiency</b>
	Having command over economic resources, from private or public sources, in order to ensure economic security for present and future needs. <i>Inclusions: personal economic resources and public economic entitlements</i>
<b>d910</b>	<b>Community life</b>
	Engaging in all aspects of community social life, such as engaging in charitable organizations, service clubs or professional social organizations. <i>Inclusions: informal and formal associations; ceremonies</i> <i>Exclusions: non-remunerative employment (d855); recreation and leisure (d920); religion and spirituality (d930); political life and citizenship (d950)</i>
<b>d920</b>	<b>Recreation and leisure</b>
	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. <i>Inclusions: play, sports, arts and culture, crafts, hobbies and socializing</i> <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>

<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 and drugs</i>
<b>e1101</b>	<b>Drugs</b>
	Any natural or human-made object or substance gathered, processed or manufactured for medicinal purposes, such as allopathic and naturopathic medication.
<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>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>e3</b>	<b>Support and relationship</b>
	This chapter is about people or animals that provide practical physical or emotional support, nurturing, protection, assistance and relationships to other persons, in their home, place of work, school or at play or in other aspects of their daily activities. The chapter does not encompass the attitudes of the person or people that are providing the support. The environmental factor being described is not the person or animal, but the amount of physical and emotional support the person or animal provides.
<b>e4</b>	<b>Attitudes</b>
	This chapter is about the attitudes that are the observable consequences of customs, practices, ideologies, values, norms, factual beliefs and religious beliefs. These attitudes influence individual behaviour and social life at all levels, from interpersonal relationships and community associations to political, economic and legal structures; for example, individual or societal attitudes about a person's trustworthiness and value as a human being that may motivate positive, honorific practices or negative and discriminatory practices (e.g. stigmatizing, stereotyping and marginalizing or neglect of the person). The attitudes classified are those of people external to the person whose situation is being described. They are not those of the person themselves. The individual attitudes are categorized according to the kinds of relationships listed in Environmental Factors Chapter 3. Values and beliefs are not coded separately from the attitudes as they are assumed to be the driving forces behind the attitudes.
<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>e570</b>	<b>Social security services, systems and policies</b>
	Services, systems and policies aimed at providing income support to people who, because of age, poverty, unemployment, health condition or disability, require public assistance that is funded either by general tax revenues or contributory schemes. <i>Exclusion: economic services, systems and policies (e565)</i>
<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>
<b>e580</b>	<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>
<b>e590</b>	<b>Labour and employment services, systems and policies</b>
	Services, systems and policies related to finding suitable work for persons who are unemployed or looking for different work, or to support individuals already employed who are seeking promotion. <i>Exclusion: economic services, systems and policies (e565)</i>