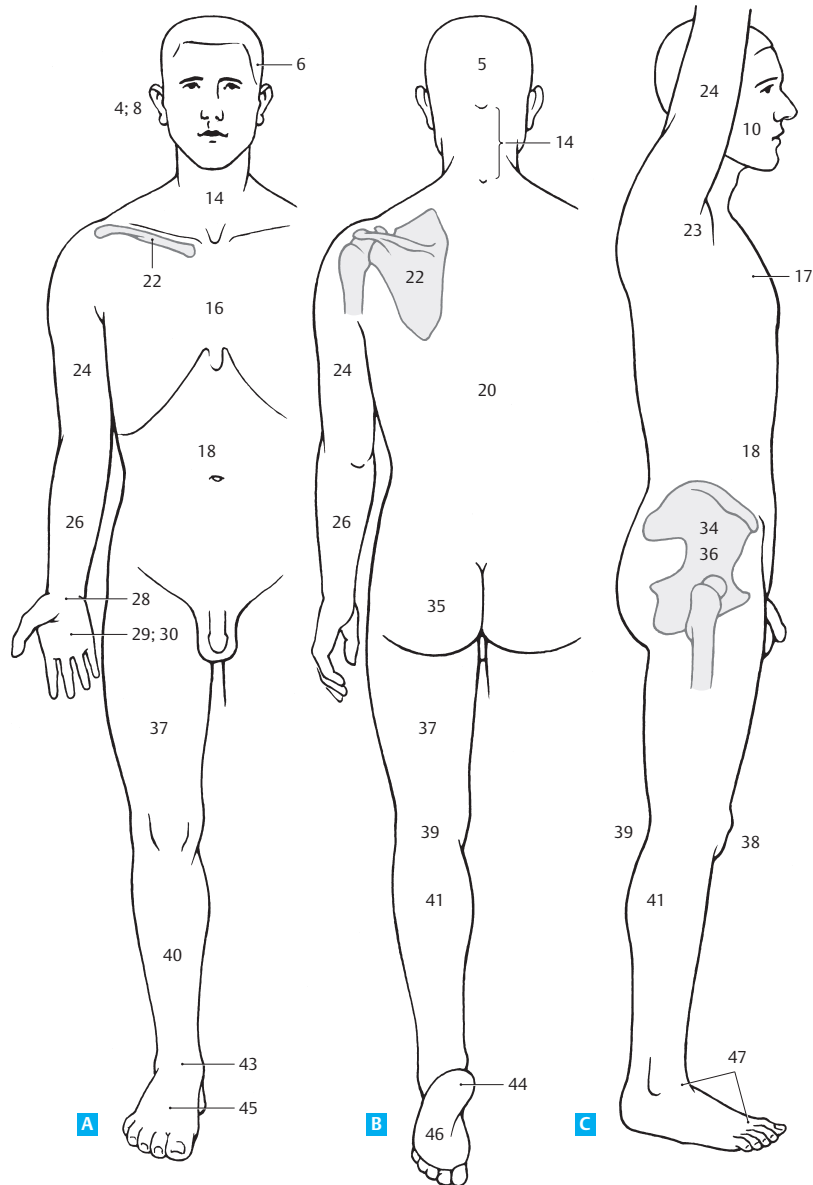
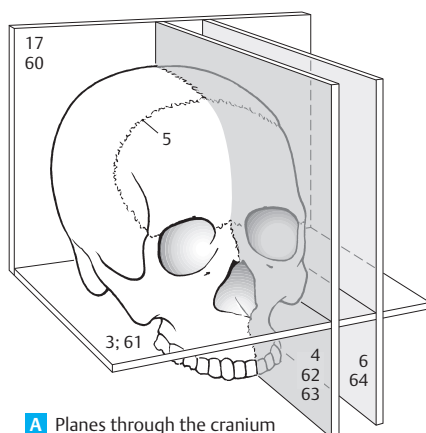
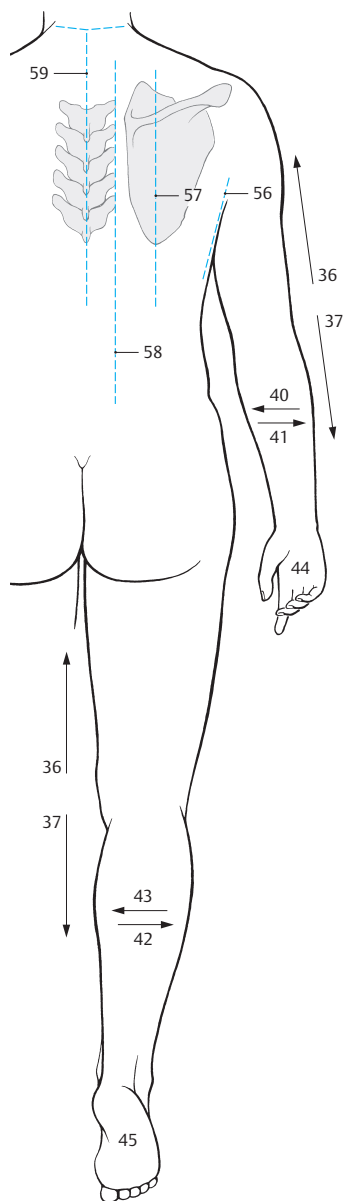


- 1 **GENERAL ANATOMY.**
- 2 **PARTS OF HUMAN BODY.**
- 3 **Head.**
- 4 **Forehead.** Front half of the head; frons. A
- 5 **Occiput.** Back of the head. B
- 6 **Temple.** A
- 7 **Ear.**
- 8 **Face.** A
- 9 **Eye.**
- 10 **Cheek.** C
- 11 **Nose.**
- 12 **Mouth.**
- 13 **Chin.**
- 14 **Neck.** The superior border of the neck runs along an imaginary line that extends from the inferior margin of the mandible to the mastoid process and continues along the superior nuchal line to the external occipital protuberance. Its inferior border extends from the upper border of the manubrium of the sternum, along the clavicle, over the acromion and the spine of the scapula to the spinous process of C 7. A B
- 15 **Trunk.** Torso. A B C
- 16 **Thorax.** The part of the trunk between the neck and the abdomen. It is supported by the skeletal framework of the thoracic cage. The inferior boundary of the thorax is formed by the inferior thoracic aperture and the diaphragm. A
- 17 *Front of chest.* C
- 18 **Abdomen.** The part of the trunk bounded by the thorax, the superior border of the wing of the ilium, the inguinal ligament, and the pubic symphysis. A, C
- 19 **Pelvis.** The part of the trunk bounded by the abdomen and the pelvic diaphragm. The greater and lesser pelvis are divided by the linea terminalis.
- 20 **Back.** Posterior aspect of the trunk. B
- 21 **Upper limb.** It consists of the shoulder girdle and the free appendage.
- 22 **Pectoral girdle; Shoulder girdle.** Its skeletal framework consists of the scapulae and the clavicles. A B
- 23 **Axilla.** Connective tissue space between the arm and the lateral wall of the thorax. C
- 24 **Arm.** A
- 25 **Elbow.**
- 26 **Forearm.** A
- 27 **Hand.**
- 28 **Wrist.** A
- 29 **Metacarpus.** A
- 30 **Palm.** A
- 31 *Dorsum of hand.*
- 32 *Fingers including thumb.*
- 33 **Lower limb.** It consists of the pelvic girdle and the free appendage.
- 34 **Pelvic girdle.** Its supporting skeletal framework consists of the hip bones. C
- 35 **Buttocks.** B
- 36 **Hip.** Region of articulation between the pelvis and the free lower limbs. C
- 37 **Thigh.** A B
- 38 **Knee.** C
- 39 *Posterior part of knee.* C
- 40 **Leg.** A
- 41 *Calf.* B C
- 42 **Foot.**
- 43 *Ankle.* A
- 44 *Heel.* B
- 45 *Metatarsus.* A
- 46 *Sole.* B
- 47 *Dorsum of foot.* C
- 48 *Toes.*
- 49 **Cavities.**
- 50 **Cranial cavity.**
- 51 **Thoracic cavity.**
- 52 **Abdominopelvic cavity.**
- 53 *Abdominal cavity.*
- 54 *Pelvic cavity.*



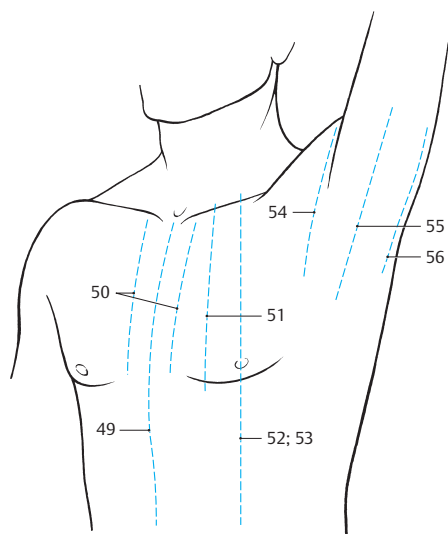
GENERAL TERMS

- 2 **Vertical.**
- 3 **Horizontal.** A
- 4 **Median.** Located in the median plane.
- 5 **Coronal.** Located parallel to the coronal suture. A
- 6 **Sagittal.** Located in parallel anteroposterior planes. A
- 7 **Right.**
- 8 **Left.**
- 9 **Intermediate.** Situated in between two structures or extremes.
- 10 **Medial.** Located near the midline.
- 11 **Lateral.** Located away from the median plane.
- 12 **Anterior.** Located at or near the front.
- 13 **Posterior.** Located at or near the back.
- 14 **Ventral.** Located near the front of the body.
- 15 **Dorsal.** Located near the back of the body.
- 16 **Frontal.** Pertaining to the forehead; parallel to the forehead.
- 17 **Occipital.** At or near the back of the head. A
- 18 **Superior.** Upper; closer to the head.
- 19 **Inferior.** Lower; closer to the base of the spine.
- 20 **Cranial.** Situated at or closer to the cranium.
- 21 **Caudal.** Situated closer to the tail.
- 22 **Rostral.** Situated toward the beak.
- 23 **Apical.** Pertaining to the apex; facing the apex.
- 24 **Basal.** Pertaining to the base, facing the base.
- 25 **Basilar.** Pertaining to the cranial base; near the cranial base.
- 26 **Middle.** Located in the middle.
- 27 **Transverse.** Crosswise; horizontal.
- 28 **Transverse.** Positioned horizontally.
- 29 **Longitudinal.** Positioned longitudinally.
- 30 **Axial.** Located near an axis. Pertaining to the axis, i.e., the second cervical vertebra.
- 31 **External.** Located on the outer surface.
- 32 **Internal.** Located on the inner surface.
- 33 **Luminal.** Pertaining to or located near the lumen.
- 34 **Superficial.** Located near the surface.
- 35 **Deep.** Lying further below the surface.
- 36 **Proximal.** Located near the trunk. B
- 37 **Distal.** Located away from the trunk. B
- 38 **Central.** Located in the midpoint.
- 39 **Peripheral.** Situated away from the center.
- 40 **Radial.** Pertaining to or located near the radius. B
- 41 **Ulnar.** Pertaining to or located near the ulna. B
- 42 **Fibular; Peroneal.** Pertaining or situated near the fibula. B
- 43 **Tibial.** Pertaining to or situated near the tibia. B
- 44 **Palmar; Volar.** Pertaining to or situated near the palm of the hand. B
- 45 **Plantar.** Pertaining to or situated near the sole of the foot. B
- 46 **Flexor.**
- 47 **Extensor.**
- 48 **PLANES, LINES, AND REGIONS.**
- 49 **Anterior median line.** Vertical midline through the anterior of the trunk. C
- 50 **Sternal line.** An imaginary line that passes through the lateral border of the sternum. C
- 51 **Parasternal line.** An imaginary vertical line that runs through a point midway between the sternal and midclavicular lines. C
- 52 **Midclavicular line.** An imaginary vertical line that passes through the midpoint of the clavicle. C
- 53 **Mamillary line; Nipple line.** An imaginary line that is sometimes identical to the midclavicular line. C
- 54 **Anterior axillary line.** An imaginary line that passes through the anterior axillary fold. C
- 55 **Midaxillary line.** An imaginary line that passes through a point midway between the anterior and posterior axillary lines. C
- 56 **Posterior axillary line.** An imaginary line that passes through the posterior axillary fold. B C
- 57 **Scapular line.** An imaginary vertical line that runs through the inferior angle of the scapula. B
- 58 **Paravertebral line.** An imaginary vertical line that is visible only on radiographs, passing through the ends of the transverse processes. B
- 59 **Posterior median line.** Vertical midline through the posterior of the trunk.
- 60 **Frontal planes; Coronal planes.** Planes that are parallel to the surface of the forehead and at right angles to the median plane and a horizontal plane. A
- 61 **Horizontal planes.** Planes that are at right angles to the median planes and a frontal plane. A
- 62 **Sagittal planes.** Planes at right angles to the frontal and horizontal planes. A
- 63 **Median plane; Median sagittal plane.** Plane of symmetry that divides the body into two equal halves. A
- 64 **Paramedian planes.** Planes that are parallel to, to the immediate right and left of, the median plane. A



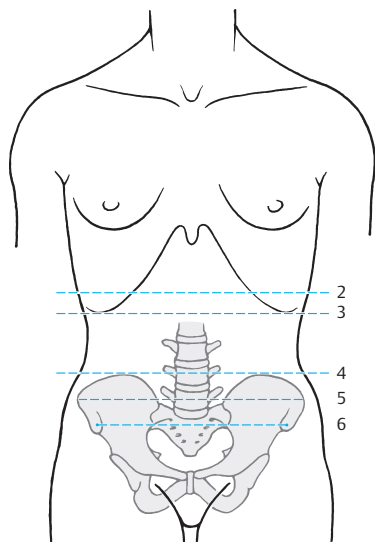
A Planes through the cranium

B Directions of orientation

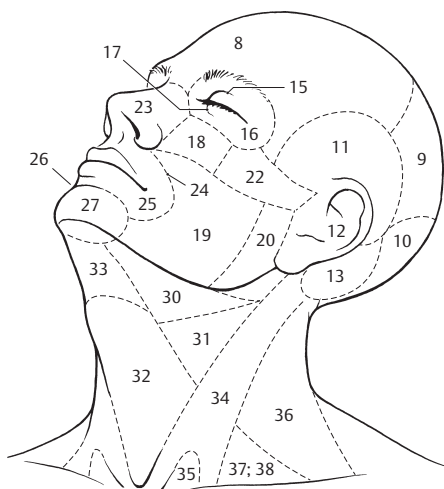


C Lines of orientation on the trunk

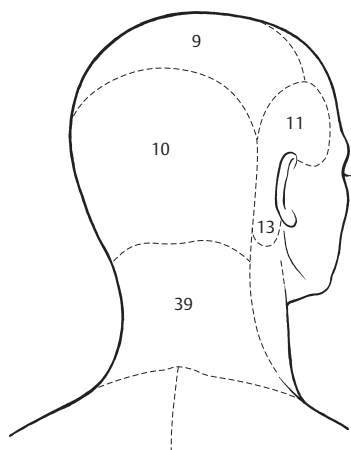
- 1 **Transverse planes.** These include the following specific horizontal planes. A
- 2 **Transpyloric plane.** Horizontal plane that passes through the midpoint between the upper margin of the pubic symphysis and upper border of the manubrium of the sternum. A
- 3 **Subcostal plane.** Horizontal plane through the inferior margin of the tenth costal cartilage. A
- 4 **Supracristal plane.** Horizontal plane through the uppermost point of the iliac crest. It transects the vertebral column at the level of the fourth lumbar spinous process. A
- 5 **Intertubercular plane.** Horizontal plane that transects the tubercula of the iliac crest. A
- 6 **Interspinous plane.** Horizontal plane that passes through the anterior superior iliac spines. A
- 7 **Regions of head.**
- 8 **Frontal region.** Forehead region. B
- 9 **Parietal region.** Region overlying the parietal bone. B C
- 10 **Occipital region.** Region overlying the occipital bone. B C
- 11 **Temporal region.** Region overlying the squamous part of the temporal bone. B C
- 12 **Auricular region.** Region around the ear. A
- 13 **Mastoid region.** Region overlying the mastoid process. B C
- 14 **Facial region.** Anatomical regions of the face.
- 15 **Suprapalpebral sulcus.** Groove located above the upper eyelid. B
- 16 **Orbital region.** Area involving the orbit. B
- 17 **Infrapalpebral sulcus.** Groove located below the lower eyelid. B
- 18 **Infraorbital region.** Region under the orbita. B
- 19 **Buccal region.** Cheek area. B
- 20 **Parotid region.** Region overlying the parotid gland and the masseter muscle. B
- 21 **[[Retromandibular fossa]].** Fossa extending medially along the ramus of the mandible to behind the temporomandibular joint. It contains the parotid gland, large blood vessels, and the facial nerve.
- 22 **Zygomatic region.** Region about the zygomatic bone. B
- 23 **Nasal region.** Region about the nose. B
- 24 **Nasolabial sulcus.** Groove that extends from the ala of the nose to the labial commissure. B
- 25 **Oral region.** Area around the oral fissure. B
- 26 **Mentolabial sulcus.** Mentolabial furrow. B
- 27 **Mental region.** Chin area. B
- 28 **Regions of neck.** B
- 29 **Anterior cervical region; Anterior triangle.** Triangular region bounded by the midline of the neck, the anterior border of the sternocleidomastoid muscle, and the inferior margin of the mandible.
- 30 **Submandibular triangle.** Triangular region bounded by the mandible and the two bellies of the digastric muscle. B
- 31 **Carotid triangle.** Triangular region bounded by the sternocleidomastoid muscle, the posterior belly of the digastric muscle, and the superior belly of the omohyoid muscle. B
- 32 **Muscular triangle; Omotracheal triangle.** Triangular region bounded by the midline, the anterior border of the sternocleidomastoid muscle, and the superior belly of the omohyoid muscle. B
- 33 **Submental triangle.** Triangular region below the chin between the hyoid bone and the two anterior bellies of the digastric muscle. B
- 34 **Sternocleidomastoid region.** Region overlying the sternocleidomastoid muscle. B
- 35 **Lesser supraclavicular fossa.** Small hollow between the origins on the sternum and the clavicle of the sternocleidomastoid muscle. B
- 36 **Lateral cervical region; Posterior triangle.** Triangular region bounded by the clavicle, the anterior border of the trapezius muscle, and the posterior border of the sternocleidomastoid muscle. B
- 37 **Omoclavicular triangle, Subclavian triangle.** Triangular region limited by the clavicle and the sternocleidomastoid and omohyoid muscles. B
- 38 **Greater supraclavicular fossa.** Depression in the skin overlying the omoclavicular triangle. B
- 39 **Posterior cervical region.** C



A Planes of orientation through the trunk

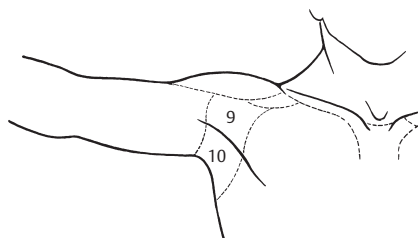


B Regions of the head and neck

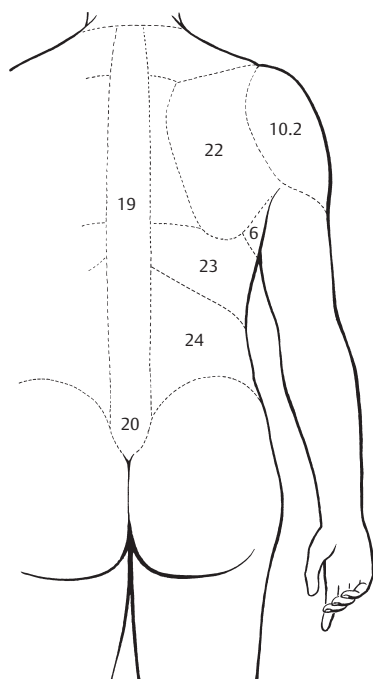


C Head and posterior cervical regions

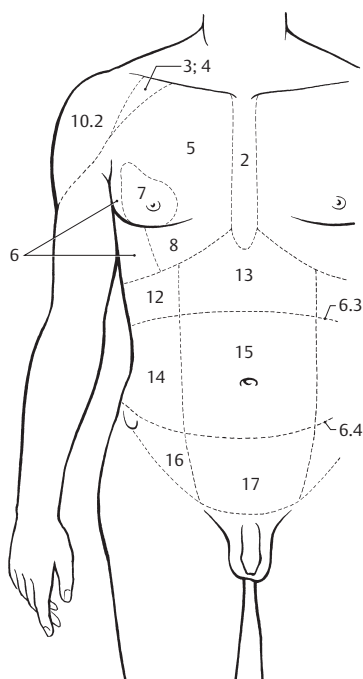
- 1 **Anterior and lateral thoracic regions.**
- 2 **Presternal region.** Region in front of the sternum. C
- 3 **Infraclavicular fossa (Mohrenheim's fossa).** Depression in the skin overlying the clavipectoral triangle. C
- 4 **Clavipectoral triangle; Deltopectoral triangle.** Triangular region bounded by the deltoid muscle, the pectoralis major muscle, and the clavicle. C
- 5 **Pectoral region.** The area overlying the pectoralis major muscle. C
- 6 **Lateral pectoral region.** Region lateral to the mammary and inframammary regions. C
- 7 **Mammary region.** The area pertaining to the breast. C
- 8 **Inframammary region.** The area below the mammary region. C
- 9 **Axillary region.** Region between both axillary folds. A
- 10 **Axillary fossa.** A
- 11 **Abdominal regions.**
- 12 **Hypochondrium.** Region lateral to the midclavicular line and between the pectoral region and the subcostal plane. C
- 13 **Epigastric region; Epigastric fossa.** Area below the pectoral region and between the two midclavicular lines and the subcostal plane. C
- 14 **Flank; Lateral region.** Region lateral to the midclavicular line between the subcostal plane and the supracristal plane. C
- 15 **Umbilical region.** Region bounded by the two midclavicular lines, the subcostal plane, and the supracristal plane. C
- 16 **Groin; Inguinal region.** Region lateral to the midclavicular line between the supracristal plane and the inguinal ligament. C
- 17 **Pubic region.** Region bounded by the two midclavicular lines, the supracristal plane, and the inguinal ligament. C
- 18 **Regions of back.**
- 19 **Vertebral region.** Strip overlying the vertebral column. B
- 20 **Sacral region.** Region overlying the sacrum. B
- 21 **Coccygeal foveola.** Small depression overlying the coccyx.
- 22 **Scapular region.** Region overlying the scapula. B
- 23 **Infrascapular region.** Area between the scapular region and the lumbar region. B
- 24 **Lumbar region.** Area between the iliac crest and the infrascapular region. B
- 25 **Perineal region.**
- 26 **Anal triangle.** Region around the anus that is bordered anteriorly by an imaginary line connecting the two ischial tuberosities. D
- 27 **Urogenital region.** Region around the perineum that is located anterior to an imaginary line connecting the two ischial tuberosities. D



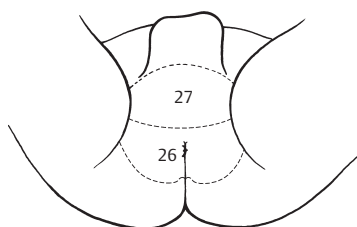
A Axillary region



B Posterior regions



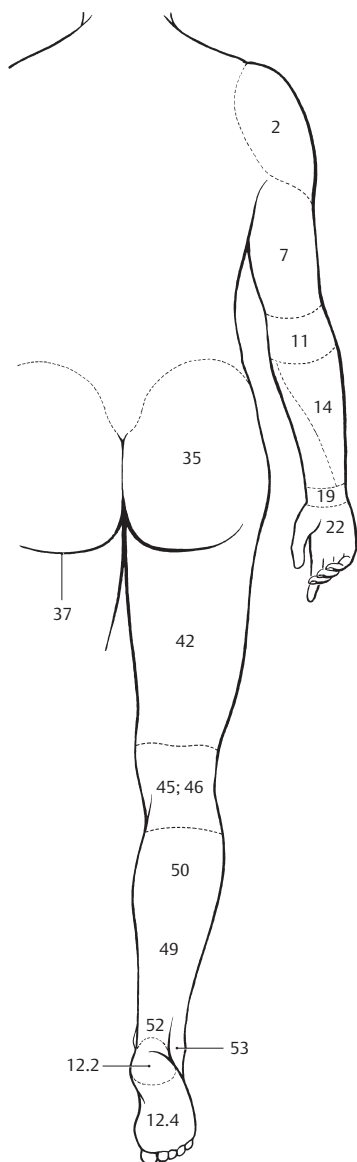
C Anterior regions



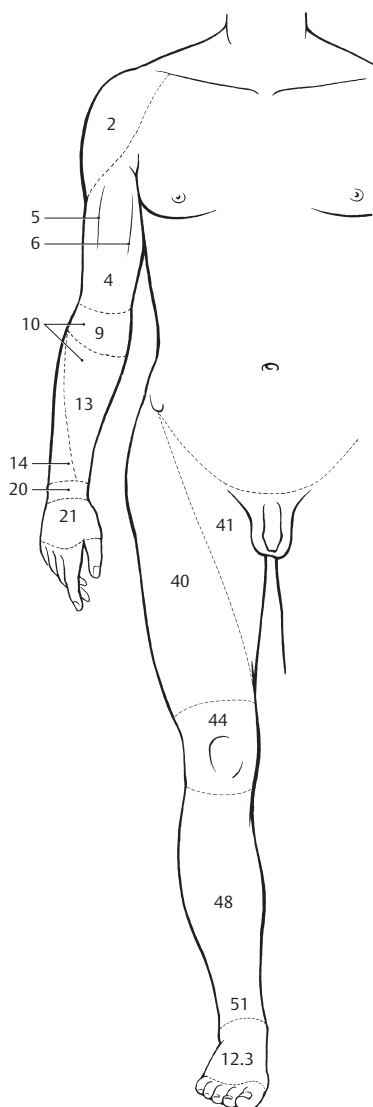
D Perineal regions

- 1 **Regions of upper limb.**
- 2 **Deltoid region.** Region overlying the deltoid muscle. A B, p. 9 B C
- 3 **Brachial region.** Arm region.
- 4 **Anterior region of arm.** B
- 5 Lateral bicipital groove. B
- 6 Medial bicipital groove. B
- 7 Posterior region of arm. A
- 8 **Cubital region.** Elbow region.
- 9 **Anterior region of elbow.** B
- 10 Cubital fossa. A
- 11 **Posterior region of elbow.** A
- 12 **Antebrachial region.** Forearm region.
- 13 **Anterior region of forearm.** B
- 14 **Posterior region of forearm.** A
- 15 **Radial border; Lateral border.**
- 16 **Ulnar border; Medial border.**
- 17 **Hand region.**
- 18 **Carpal region.** Region about the wrist.
- 19 **Anterior region of wrist.** Anterior (flexor) surface of the wrist. A
- 20 **Posterior region of wrist.** Posterior (extensor) surface of the wrist. B
- 21 **Dorsum of hand.** B
- 22 **Palm; Palmar region.** A
- 23 **Thenar eminence.** Ball of the thumb.
- 24 **Hypothenar eminence.** Ball of the little finger.
- 25 **Metacarpal region.**
- 26 **Digits of hand;** Fingers including thumb.
- 27 Thumb.
- 28 Index finger.
- 29 Middle finger.
- 30 Ring finger.
- 31 Little finger.
- 32 **Palmar surfaces of fingers.** Flexor surfaces of the fingers.
- 33 **Dorsal surfaces of fingers.** Extensor surfaces of the fingers.
- 34 **Regions of lower limb.**
- 35 **Gluteal region.** Region overlying the gluteal muscles. A
- 36 **Intergluteal cleft; Natal cleft.** Anal cleft. Indentation between the buttocks.
- 37 **Gluteal fold.** Fold passing over the gluteus maximus muscle that forms the inferior boundary of the buttocks when the hip joint is extended. A
- 38 **Hip region.**
- 39 **Femoral region.** Thigh region.
- 40 **Anterior region of thigh.** B
- 41 **Femoral triangle.** Triangular region bounded by the inguinal ligament, the sartorius muscle, and the gracilis muscle. B
- 42 **Posterior region of thigh.** A
- 43 **Knee region.**
- 44 **Anterior region of knee.** B
- 45 **Posterior region of knee.** A
- 46 **Popliteal fossa.** A

- 47 **Leg region.**
- 48 **Anterior region of leg.** B
- 49 **Posterior region of leg.** A
- 50 **Sural region.** Calf region. A
- 51 **Anterior talocrural region; Anterior ankle region.** Region anterior to the talocrural joint. B
- 52 **Posterior talocrural region; Posterior ankle region.** Region posterior to the talocrural joint. A
- 53 **Lateral retromalleolar region.** Region posterior to the lateral malleolus. A
- 54 **Medial retromalleolar region.** Region anterior to the medial malleolus.



A Posterior regions



B Anterior regions