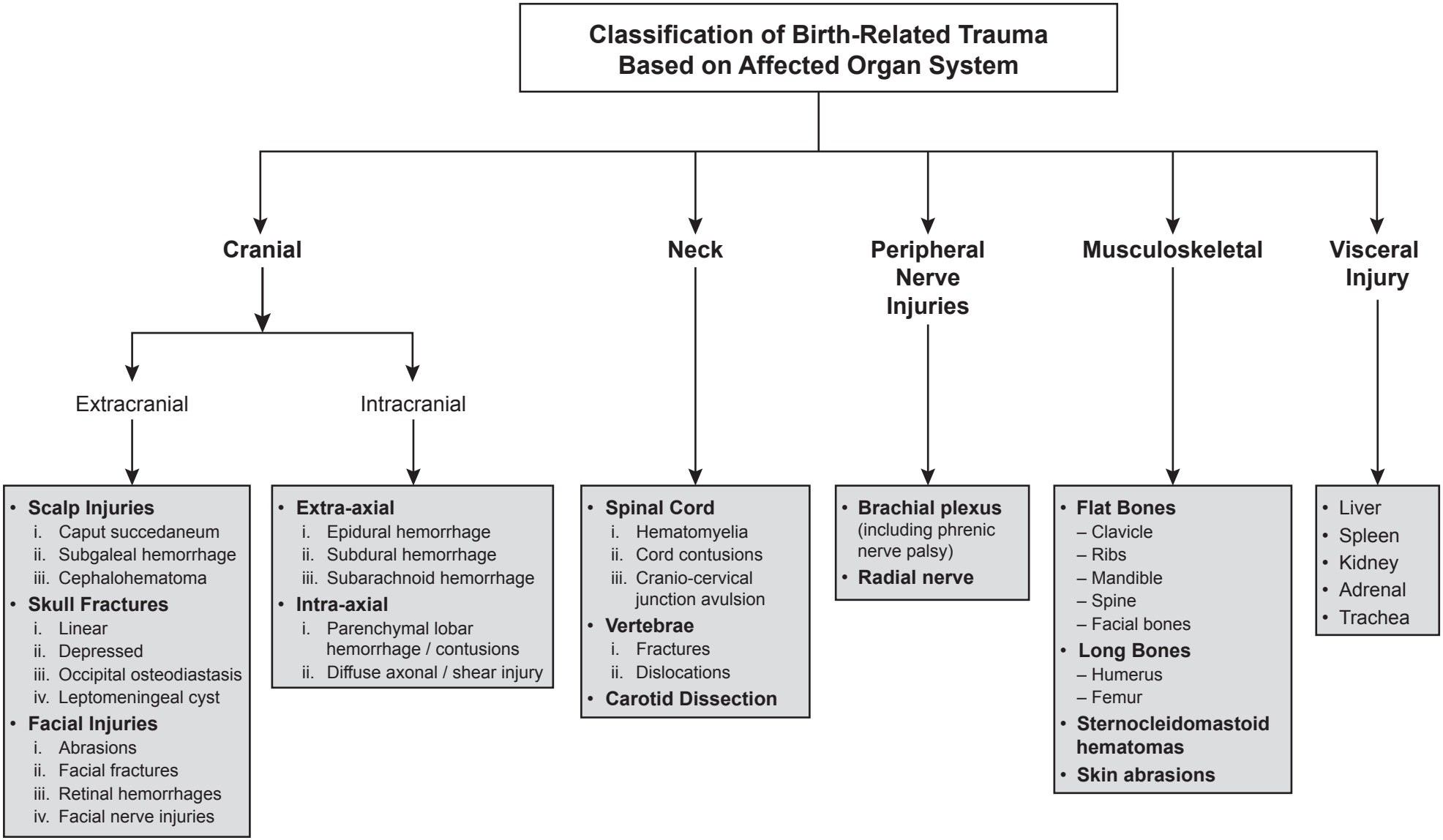
Classification of Birth-Related Trauma Based on Affected Organ System
Cranial
Neck
Peripheral Nerve Injuries
Musculoskeletal
Visceral Injury
Extracranial
Intracranial
• Scalp Injuries
i. Caput succedaneum
ii. Subgaleal hemorrhage
iii. Cephalohematoma
• Skull Fractures
i. Linear
ii. Depressed
iii. Occipital osteodiastasis
iv. Leptomeningeal cyst
• Facial Injuries
i. Abrasions
ii. Facial fractures
iii. Retinal hemorrhages
iv. Facial nerve injuries
• Extra-axial
i. Epidural hemorrhage
ii. Subdural hemorrhage
iii. Subarachnoid hemorrhage
• Intra-axial
i. Parenchymal lobar hemorrhage / contusions
ii. Diffuse axonal / shear injury
• Spinal Cord
i. Hematomyelia
ii. Cord contusions
iii. Cranio-cervical junction avulsion
• Vertebrae
i. Fractures
ii. Dislocations
• Carotid Dissection
• Brachial plexus (including phrenic nerve palsy)
• Radial nerve
• Flat Bones
– Clavicle
– Ribs
– Mandible
– Spine
– Facial bones
• Long Bones
– Humerus
– Femur
• Sternocleidomastoid hematomas
• Skin abrasions
• Liver
• Spleen
• Kidney
• Adrenal
• Trachea