**Columna vertebralis**, spina – spine, vertebral column [ˈvɜːtəbrəl or vəˈtiː- ˈkɒləm]

**Vertebra**, ae, F – vertebra [ˈvɜːtɪbrə], Gr. spondylos

Parts of a vertebra:
corpus vertebrae – the body of the vertebra
discus intervertebralis – intervertebral disc [intɜˈvɜːtəbrəl or vəˈtiː-]
arcus vertebrae – vertebral arch
foramen vertebrale - the vertebral foramen [fəˈreɪ mən] (opening)
processus vertebrae - the process of a vertebra

The human spine consists of:

**vertebrae cervicales** C1-C7(vertebra prima – septima) – cervical vertebrae [ˈsɜːvɪkəl /ˈvɝː.tə.bɹi/, /ˈvɝː.tə.bɹeɪ/, /ˈvɝː.tə.bɹaɪ/
C1 = atlas [ˈætləs]
C2 = axis [ˈæksɪs]

**vertebrae thoracicae** Th1-Th12 (vertebra prima – duodecima) – thoracic vertebrae [θɔːˈræsɪk]

**vertebrae lumbales**- L1-L5 (vertebra prima – quinta) lumbar vertebrae [ˈlʌmbə]

**vertebrae sacrales** S1 – S5 (vertebra prima – quinta) – sacral vertebrae [ˈseɪkrəl]

vertebrae sacrales grow together into the sacral bone -  **os sacrum**
articular connection with the iliac bone -  **os ilium**

**vertebrae coccygeae** Co1 – Co3-5 (vertebra prima – tertia/quinta) coccygeal vertebrae [kɒkˈsɪdʒiəl, -ˈsɪdʒəl].
coccygeal vertebrae grow together into the coccyx [ˈkɒksɪks] tail bone/ tailbone - **os coccygis**

**physiological curves**/curvatures of the spine:

cervical lordosis [lɔːˈdəʊsɪs]
thoracic kyphosis [kʌɪˈfəʊsɪs]
lumbar lordosis

**medulla spinalis** – spinal cord – runs through the spinal canal -

a long, thin, tubular structure made up of nervous tissue covered by mater arachnoidea, pia mater, dura mater – arachnoid mater [ə-ˈrak-ˌnȯid ˈmei-tər], dura mater [ˈdu̇r-ə ˈmei-tər], pia mater [paiə/pi: ə. ˈmei-tər].

<http://sestryvip.studentiguh.cz/spinalni-traumata/>

**Cranial nerves – nervi craniales:**

The cranial nerves (CN) and their names:

CN I olfactorius - olfactory

CN. II opticus - optic

CN. III oculomotorius – oculomotor ˌ/ɒkjʊləʊˈməʊtə/

CN. IV trochlearis – trochlear /ˈtrɒk li ər/

CN. V trigeminus – trigeminal /traɪˈdʒɛm ə nl/

CN. VI abducens –abducens / æbˈdu sɛnz/

CN. VII facialis - facial

CN. VIII vestibulocochlearis – vestibulocochlear / vɛˌstɪbjʊːləˌkɒklɪə /

CN. IX glossopharyngeus - glossopharyngeal ˌ/glɒs oʊ fəˈrɪn dʒi əl/

CN. X vagus vagus – vagus /ˈveɪ gəs/

CN. XI accessorius – accessory

CN. XII hypoglossus – hypoglossal ˌ/haɪ pəˈglɒs əl/