



Medical gallery of Mikael Häggström 2014

Mikael Häggström

Abstract

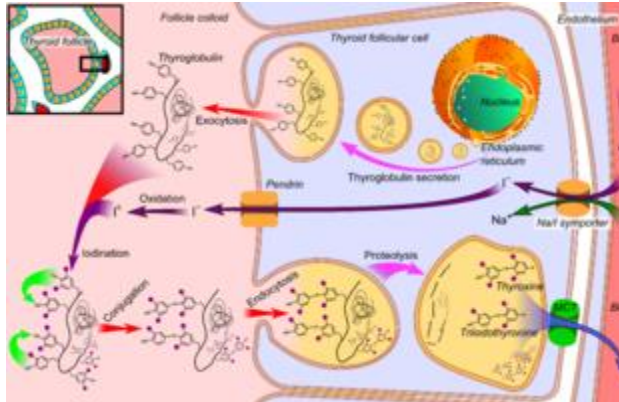
This is a gallery of images contributed to Wikimedia projects by Mikael Häggström by 2014. Many of these images may be too small to conveniently view the content. Larger versions are available [online](#).

Contents

Abstract	1
General medical images.....	2
Ultrasonographies	8
Human body diagrams.....	13
General body diagrams	13
Drugs	16
Diseases.....	20
Toxins	31
Blood values.....	35
Full length of images are found online.....	35
Other medical diagrams.....	36
Gray's Anatomy labeling.....	45
References.....	52
Diabetes, rheumatoid arthritis, Parkinson's, Alzheimer's disease, osteoarthritis.....	52
Stroke and traumatic brain injury repair.....	52
Learning defects	52
Spinal cord injury repair	52
Heart infarction.....	52
Anti-cancer	52
Baldness.....	52
Replace missing teeth	52
Repair hearing.....	52
Restore vision.....	52
Amyotrophic lateral sclerosis	52
Crohn's disease	52
Wound healing.....	52
General	52



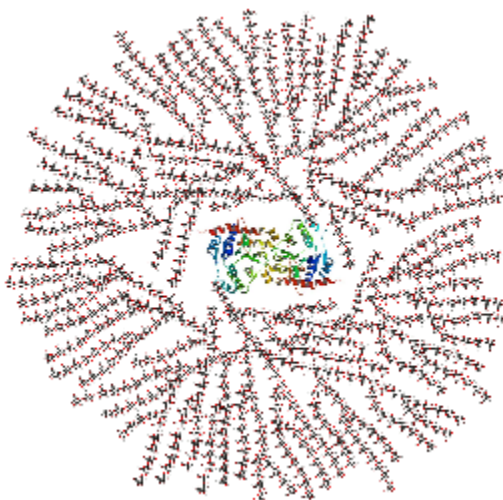
General medical images



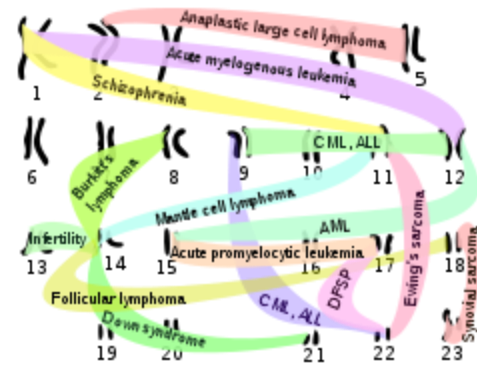
Thyroid hormone synthesis



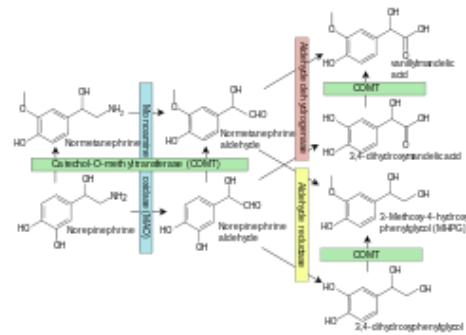
Cephalic presentations



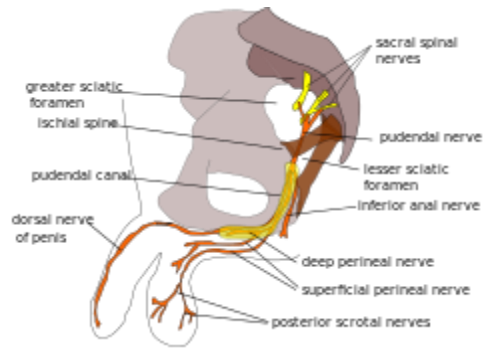
Glycogen structure



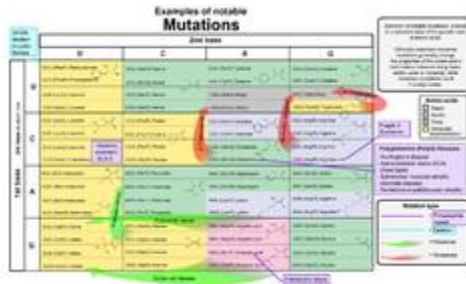
Chromosomal translocations



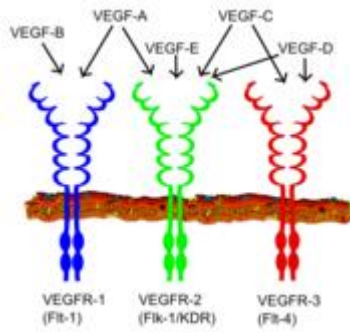
Noradrenaline breakdown



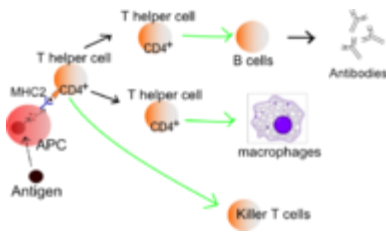
Pudendal nerve



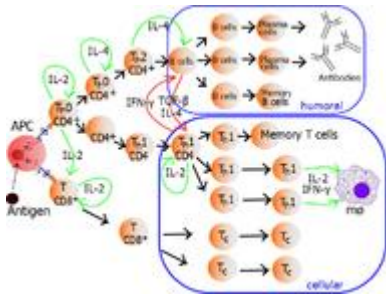
Notable mutations



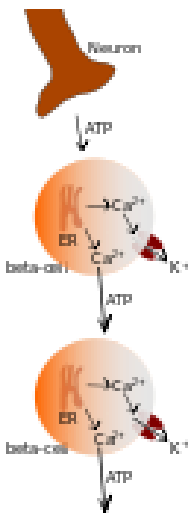
VEGF receptors



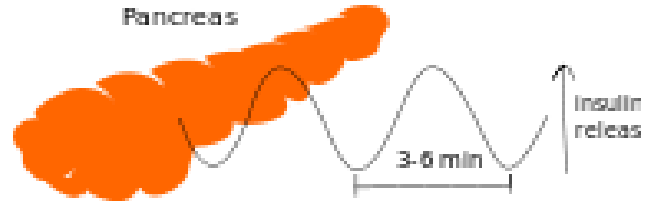
Lymphocyte activation (simple)



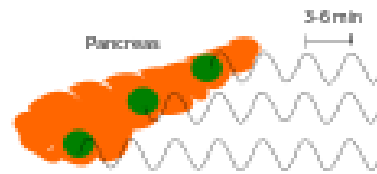
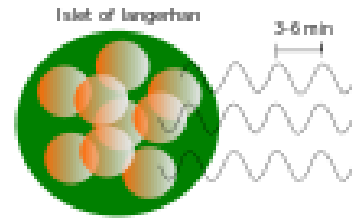
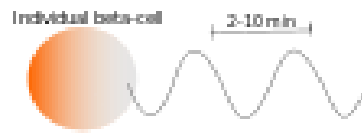
Lymphocyte activation (more detailed)



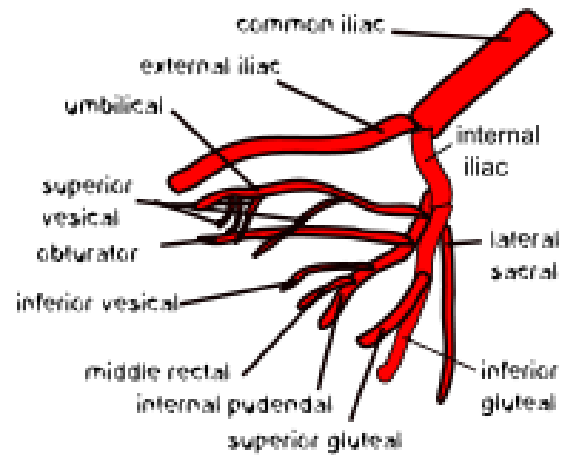
Insulin oscillations coordination



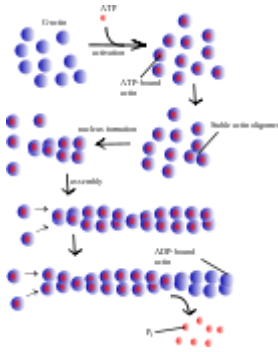
Pancreatic insulin oscillations



Cellular insulin oscillations



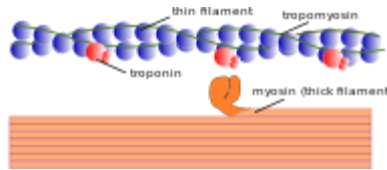
One variation of internal iliac artery branching (4 more versions not shown here)



Thin filament formation



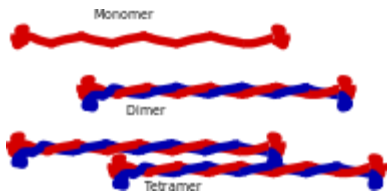
Posterior muscles



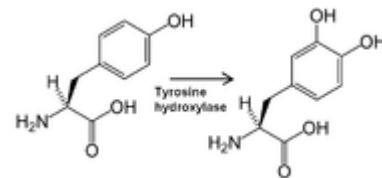
Myofilament



Anterior muscles



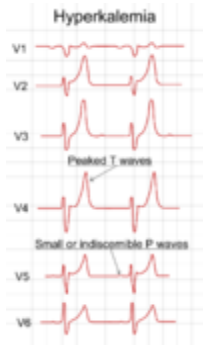
Intermediate filament



Tyrosine hydroxylase reaction



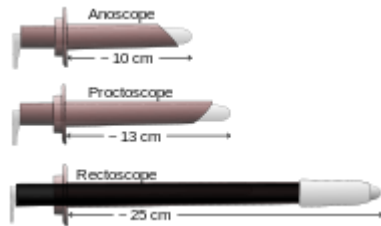
Blood supply of the stomach



ECG in hyperkalemia



Fundus photograph of normal right eye



Anoscope, proctoscope and rectoscope



Fundus photograph of normal left eye



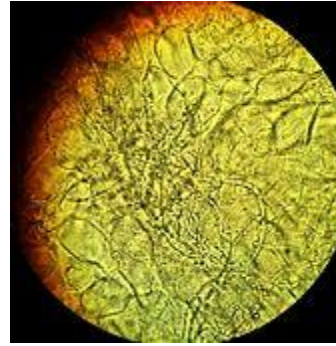
Scintillating scotoma



Cubitus varus and cubitus valgus



Transvaginal ultrasonography device



Vaginal wet mount of candidal vulvovaginitis



Curette



Superior orbital fissure



Skene's duct cyst



Entrance to pterygopalatine fossa



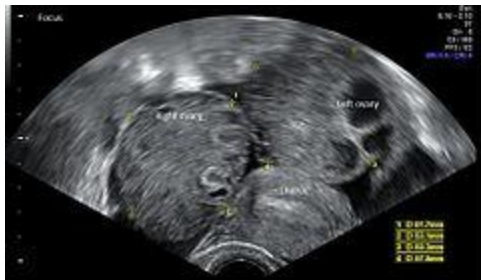
Ultrasonographies



Ovarian hyperstimulation syndrome



Movements at a gestational age of 9 weeks.



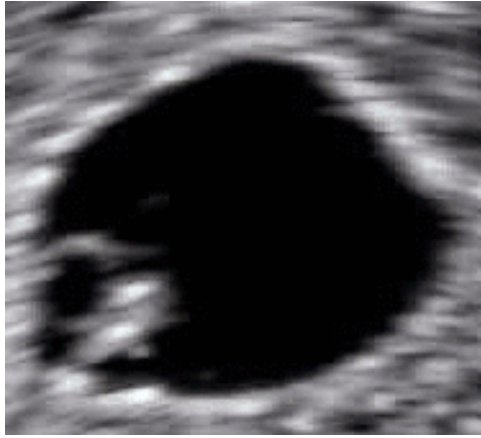
Ovarian hyperstimulation syndrome



Umbilical cord

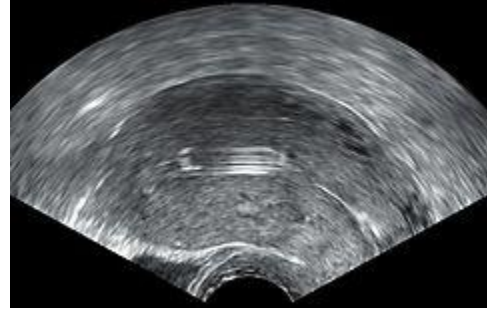


Dermoid cyst



Heartbeat at 5 weeks and 5 days of gestational age

Biparietal diameter



Intrauterine device



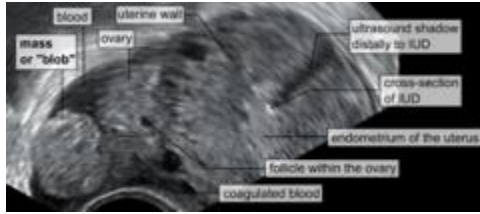
Heartbeat at 6 weeks 1 day



Monoamniotic twins



Dichorionic twins



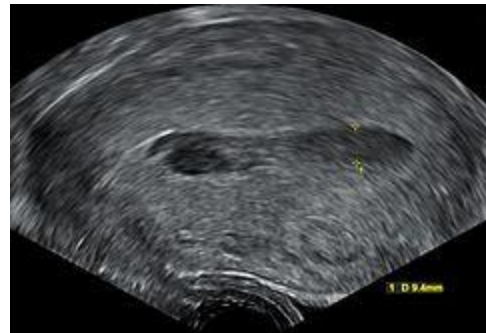
Ectopic pregnancy



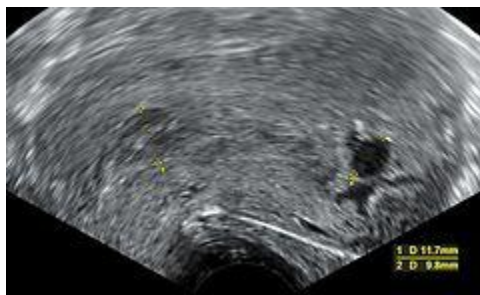
Complete miscarriage



Hemorrhagic ovarian cyst



Hematometra



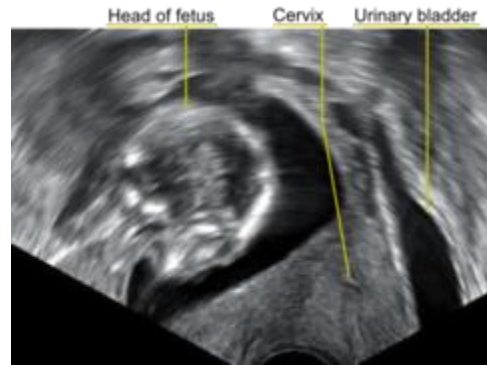
Incomplete miscarriage



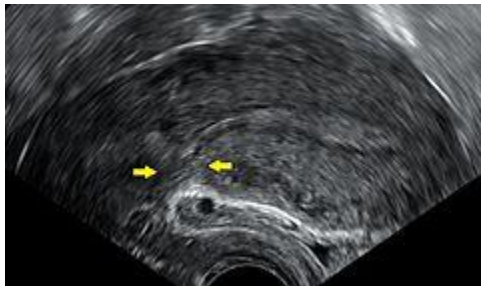
Postmenopausal endometrial fluid



Abnormal mass and normal embryo



Retroverted uterus in pregnancy



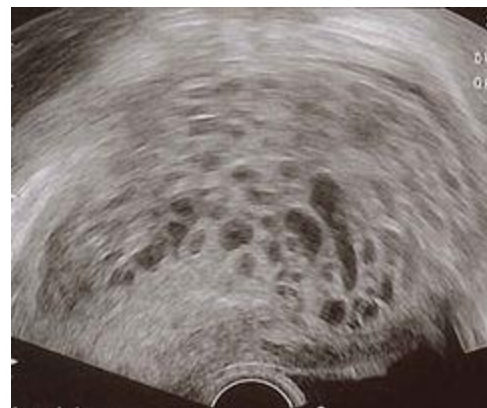
Uterus after Caesarean section



Subserosal uterine fibroid



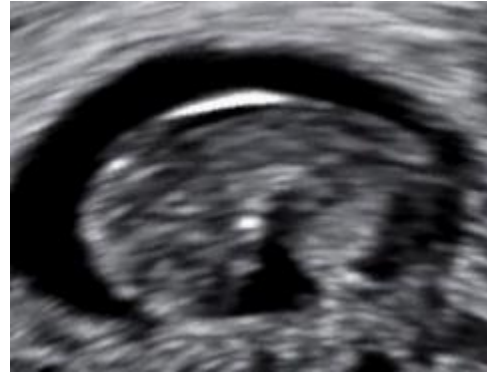
Anembryonic gestation



Molar pregnancy



Almost completed medical abortion



Delayed or missed miscarriage



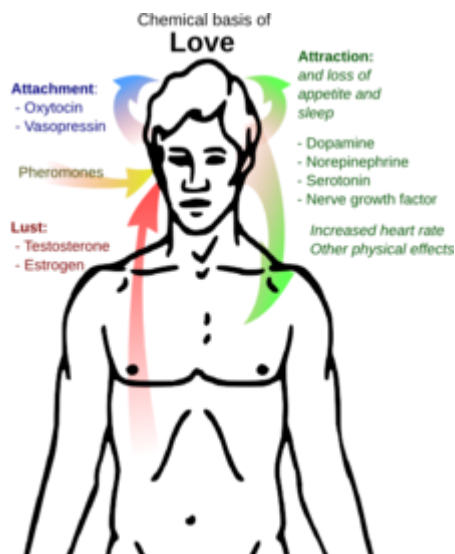
Bicornuate uterus with pregnancy



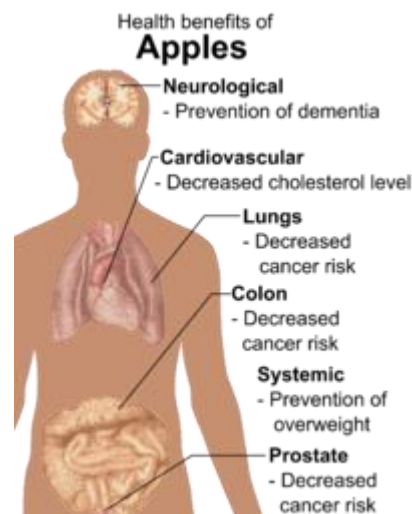
Human body diagrams

The **human body diagrams** are a collection of images that are derived mainly from **public domain** pictures of organs, like a drag-and-drop doll. Their main purpose is to provide overviews, explaining medical conditions and other phenomena in a more convenient way.

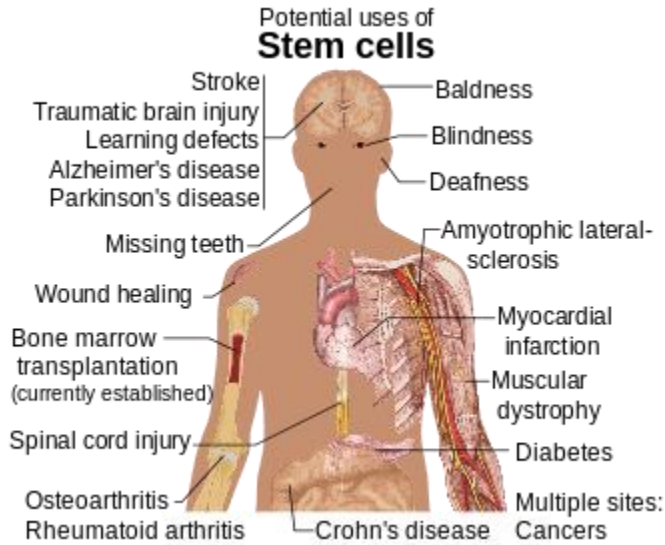
General body diagrams



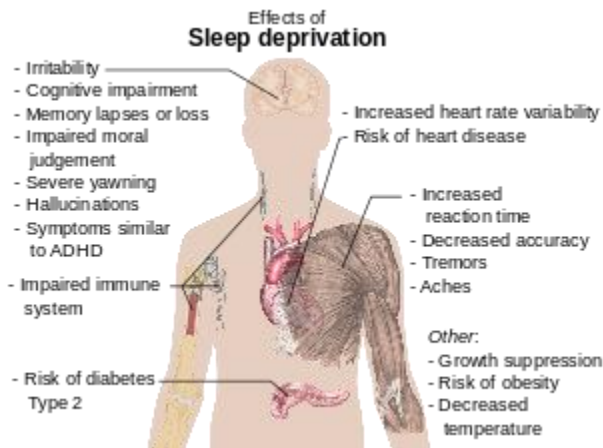
Simplistic overview of the chemical basis of love.



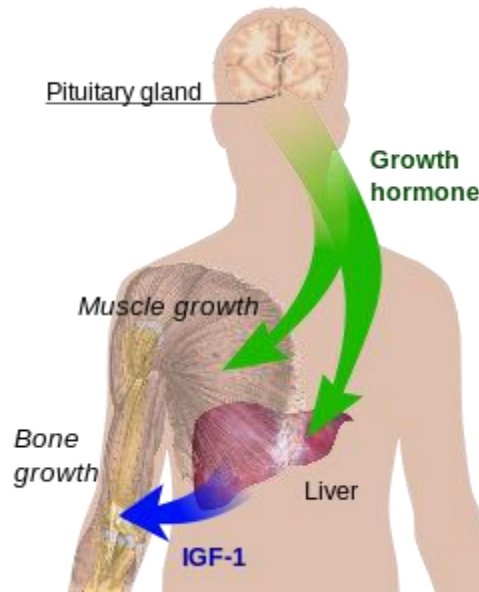
Potential health benefits of appleconsumption.^{[1] [2][3] [4]}



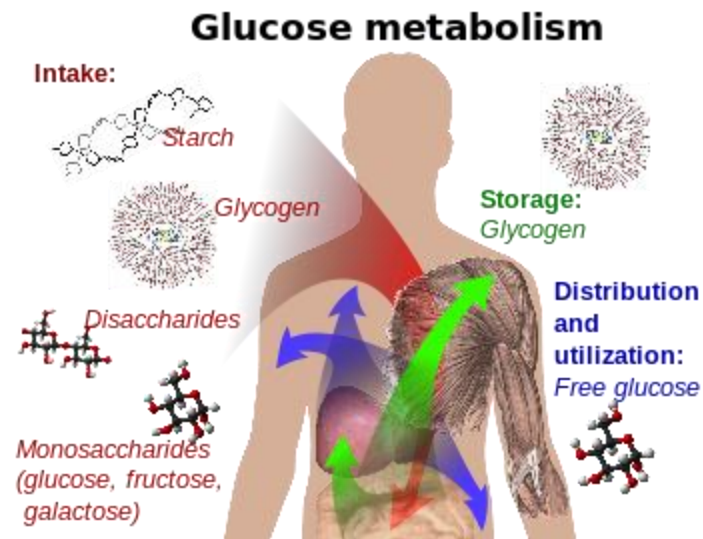
Diseases and conditions where stem cell treatment is promising or emerging. ^[5] Bone marrow transplantation is, as of 2009, the only established use of stem cells.



Main health effects of sleep deprivation. ^[6]

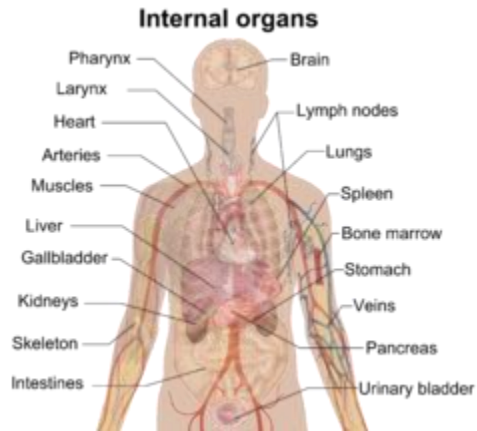


Main pathways in growth regulation by the endocrine system, mediated by growth hormone and insulin-like growth factor 1 (IGF-1).



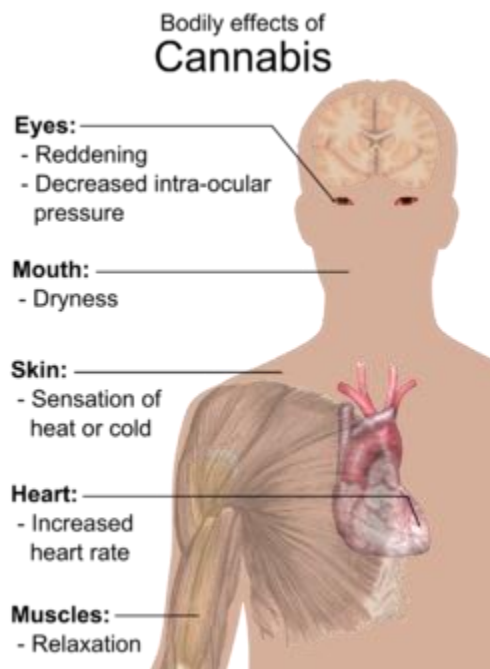
Glucose metabolism and various forms of it in the process.

- Glucose-containing compounds and **isomeric** forms are digested and taken up by the body in the intestines, including starch, glycogen, disaccharides and monosaccharides.
- Glucose is stored in mainly the liver and muscles as glycogen.
- It is distributed and utilized in tissues as free glucose.

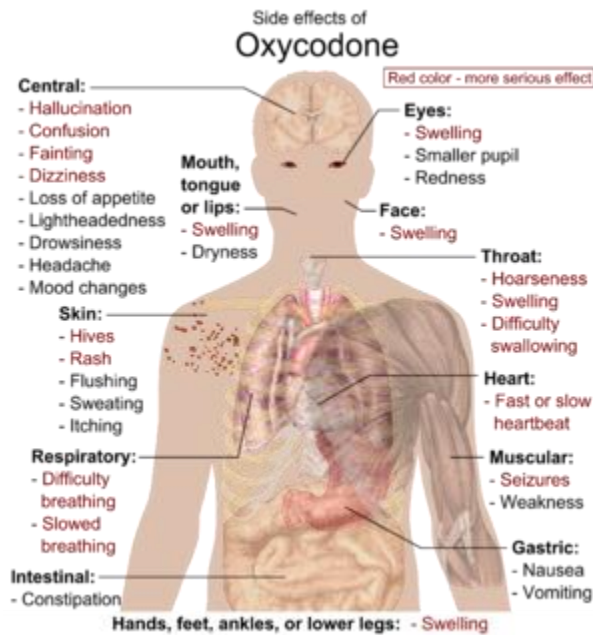


Internal organs.

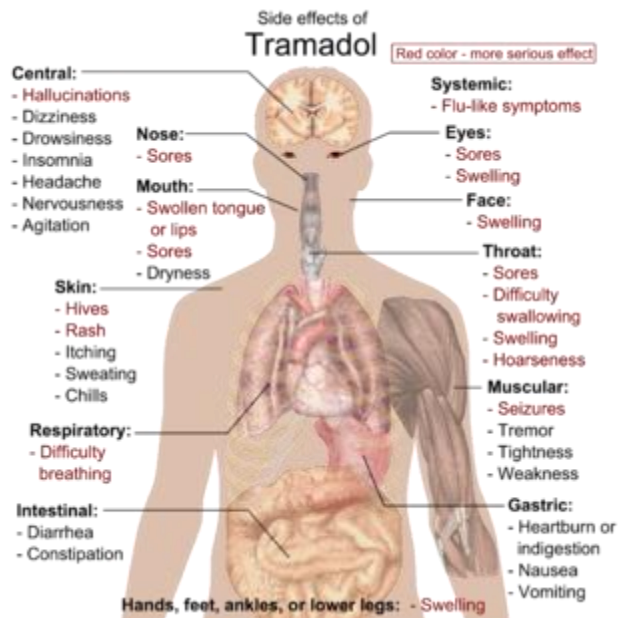
Drugs



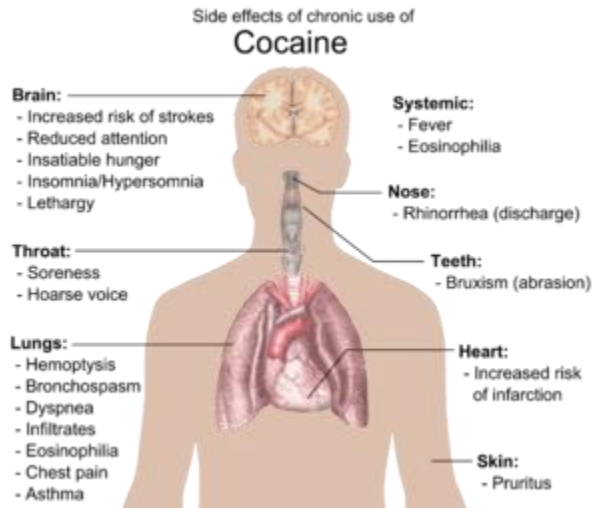
Main short-term somatic (bodily) effects of cannabis.



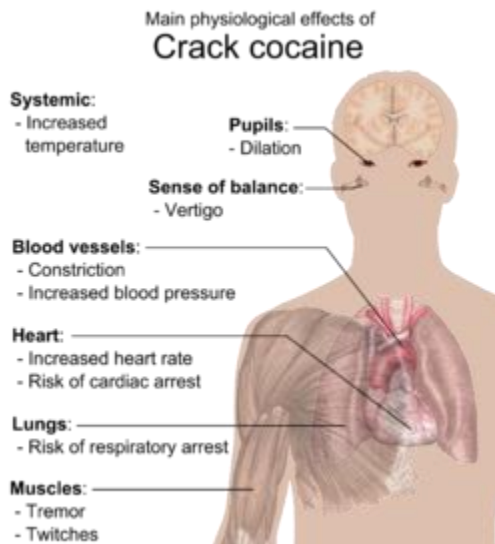
Main side effects of oxycodone. Red color denotes more serious effects, requiring immediate contact with health provider.^[7]



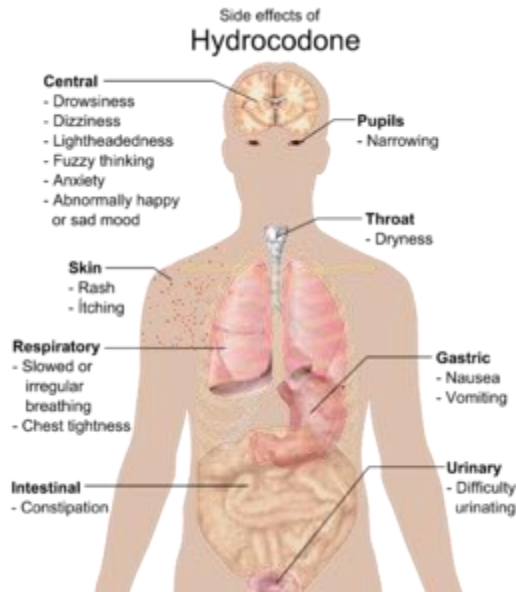
Main side effects of tramadol. Red color denotes more serious effects, requiring immediate contact with health provider.^[10]



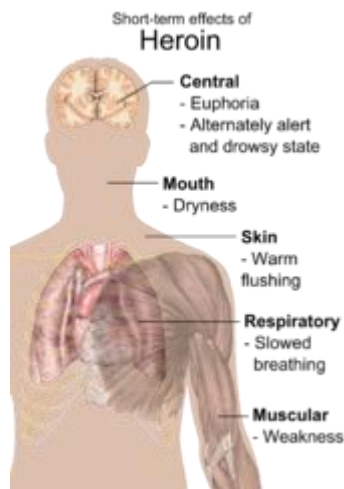
Main effects of chronic cocaine use.



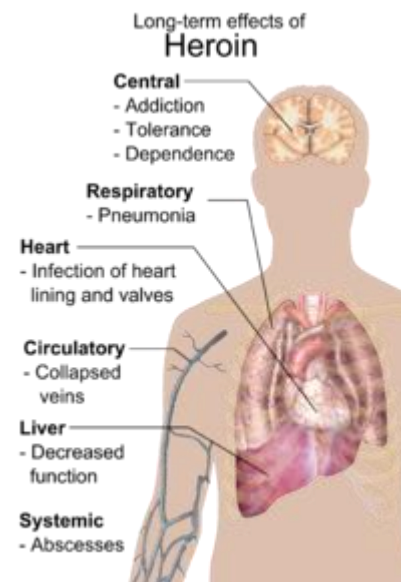
Main physiological effects of Crack cocaine.



Main side effects of hydrocodone.^[8] The respiratory effects are most serious, requiring immediate contact with health provider.^[8]

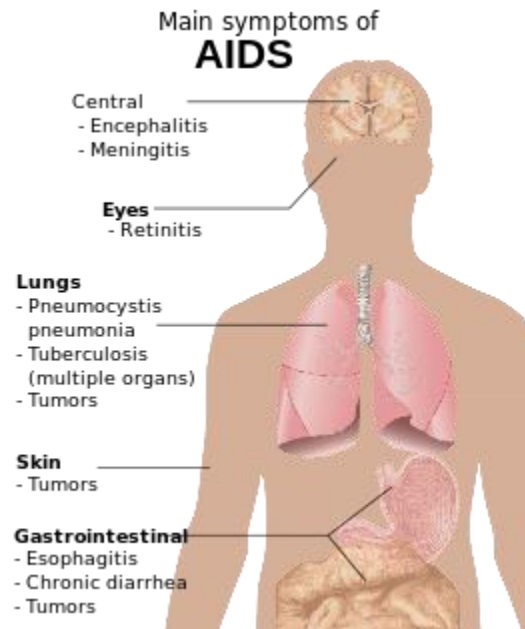


Main short-term effects of heroin usage.^[9]

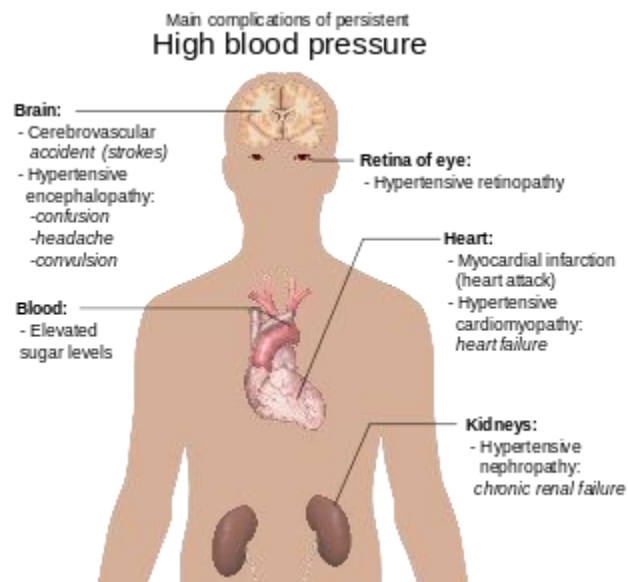


Main long-term effects of heroin usage.^[9]

Diseases



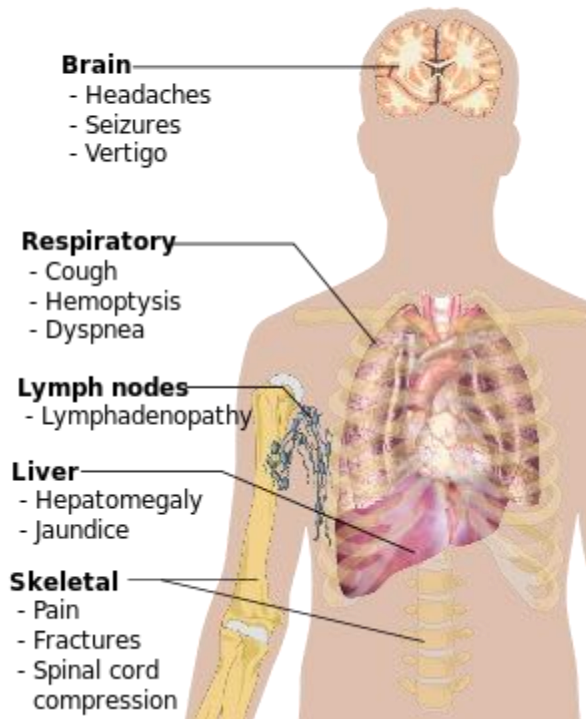
Main symptoms of AIDS.



Overview, showing main complications of persistent high blood pressure.



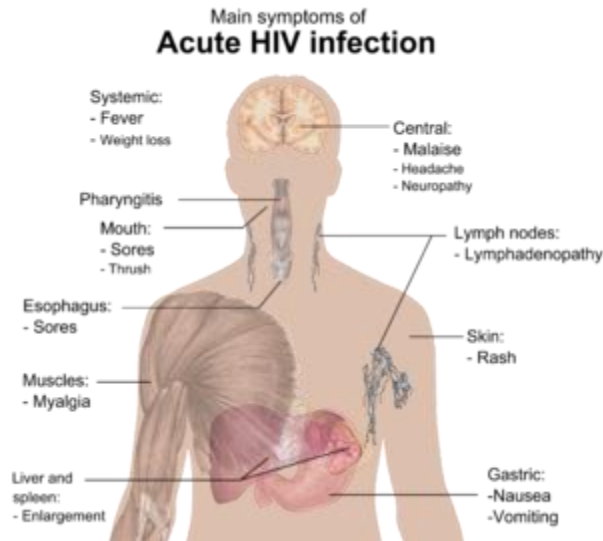
Common sites and symptoms of Cancer metastasis



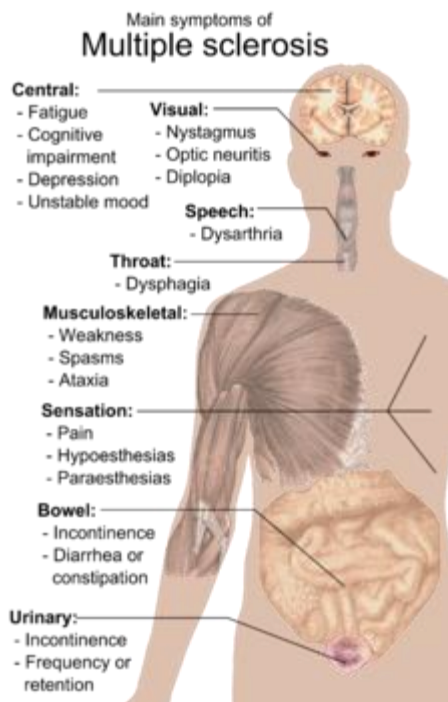
Symptoms of cancer metastasis depend location of the tumor.



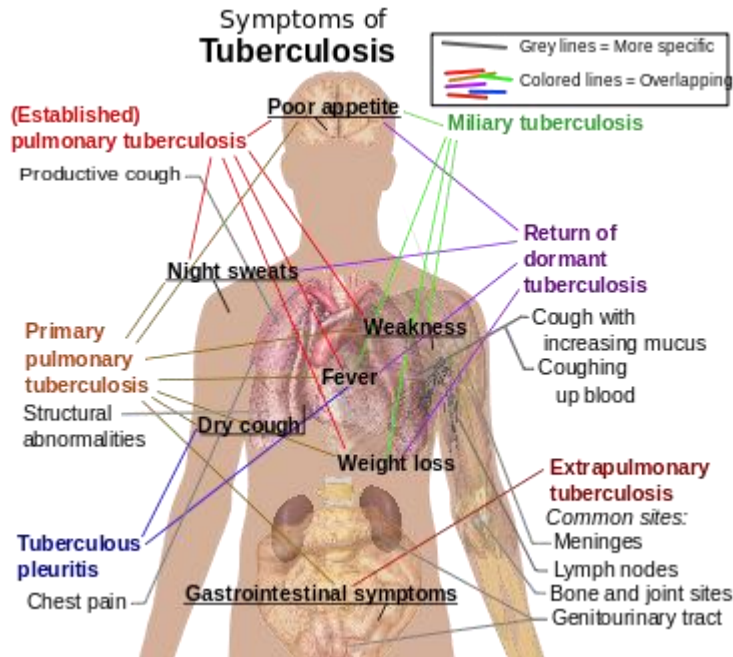
Overview of the most significant symptoms of diabetes.



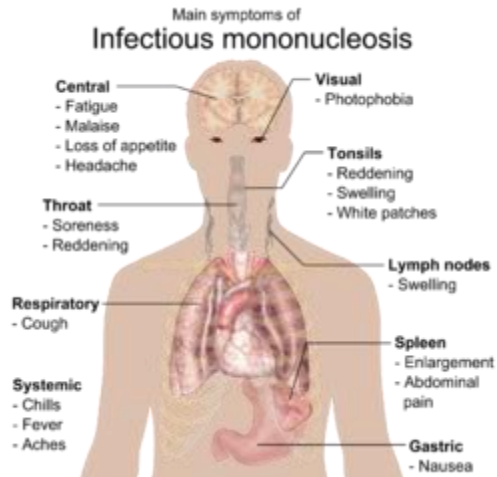
Main symptoms of acute HIV infection.



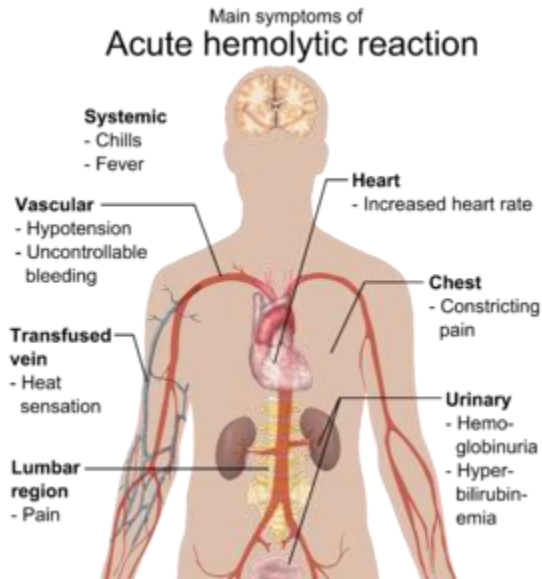
Main symptoms of multiple sclerosis.



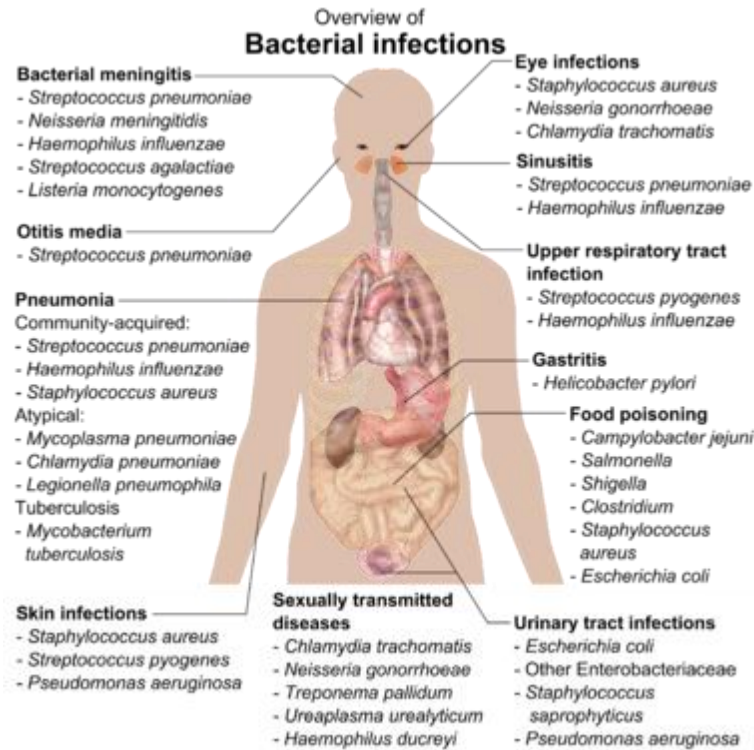
Comparison of symptoms of different variants and stages of tuberculosis.



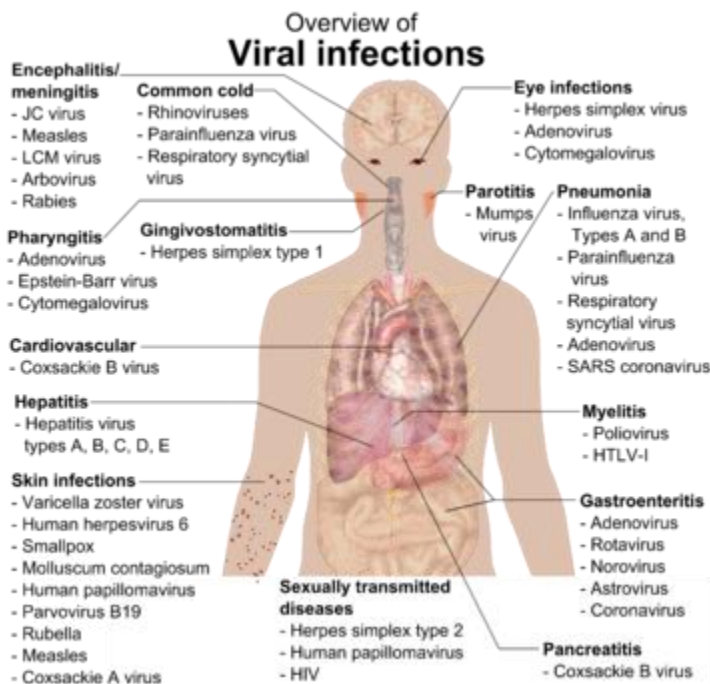
Main symptoms of infectious mononucleosis.^{[11] [12] [13]}



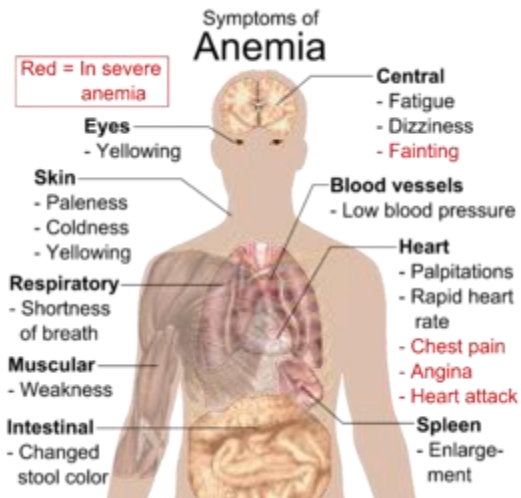
Main symptoms of acute hemolytic reaction due to blood type mismatch.^{[14][15]}



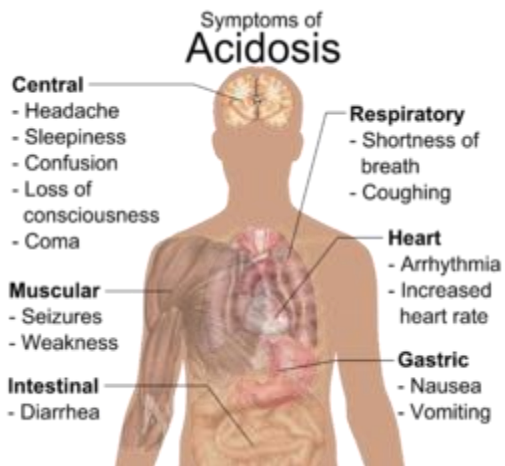
Overview of bacterial infections and main species involved. ^{[16][17]}



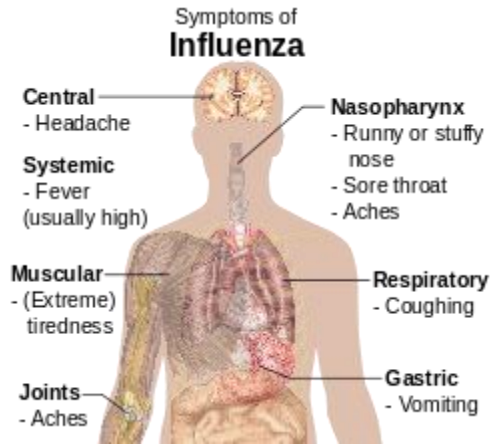
Overview of the main types of viral infection and the most notable species involved. ^{[18] [19]}



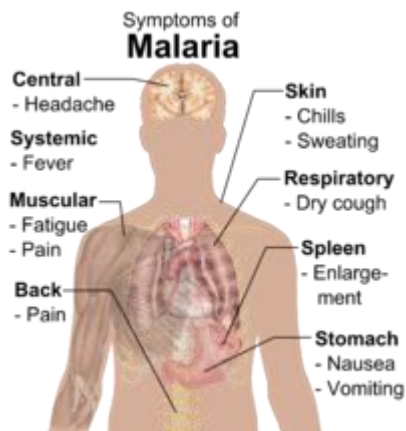
Main symptoms that may appear in anemia.^[20]



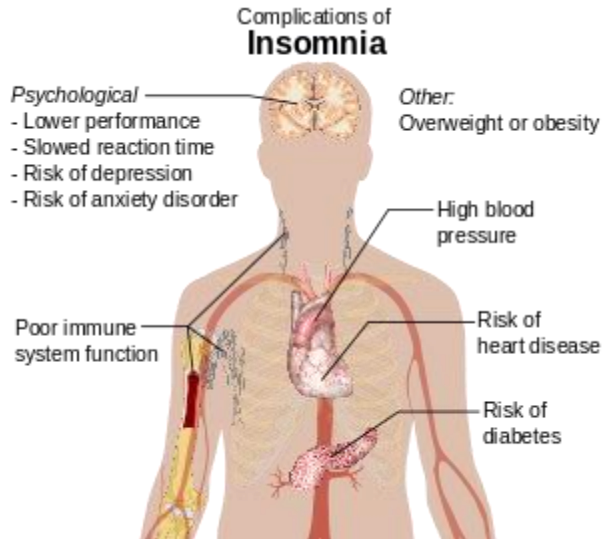
General symptoms of acidosis,^[21] ^[22] resulting from decrease in body pH.



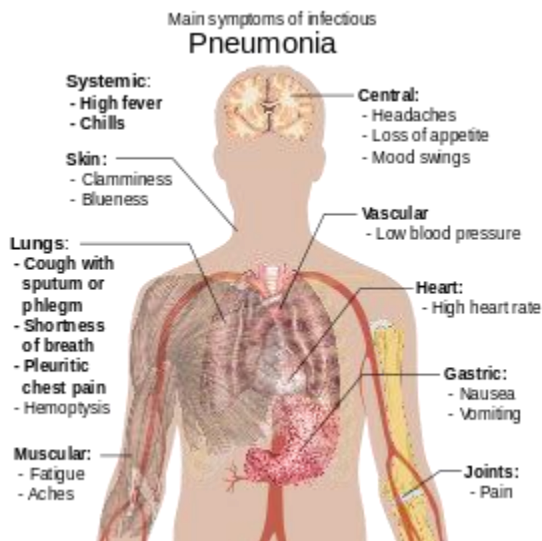
Main symptoms of influenza.^[23]



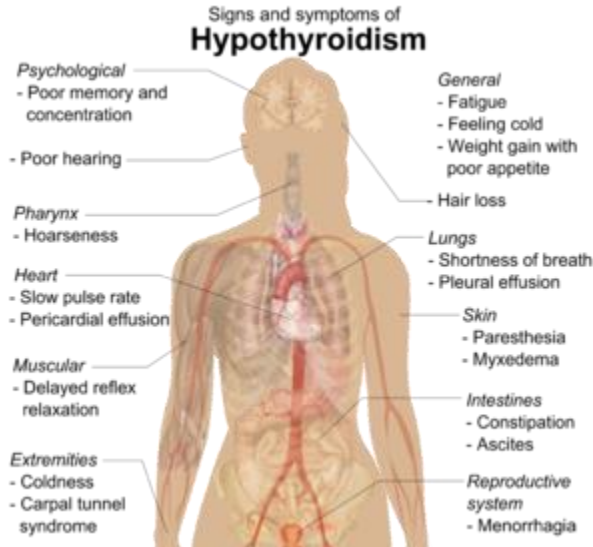
Main symptoms of malaria.^[24]



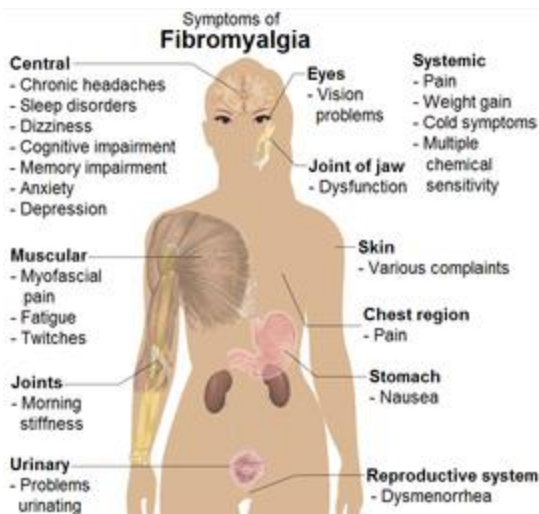
Potential complications of insomnia.^[25]



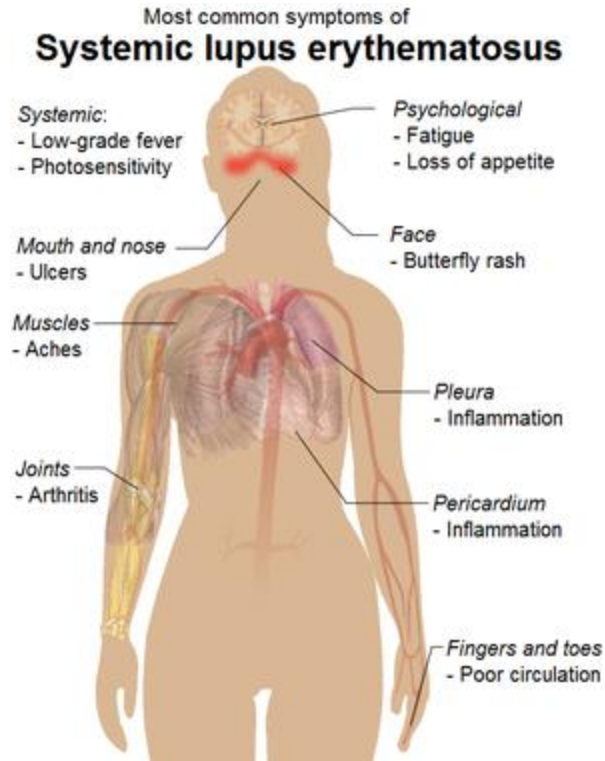
Main symptoms of infectious pneumonia.



Signs and symptoms of hypothyroidism.^[26]



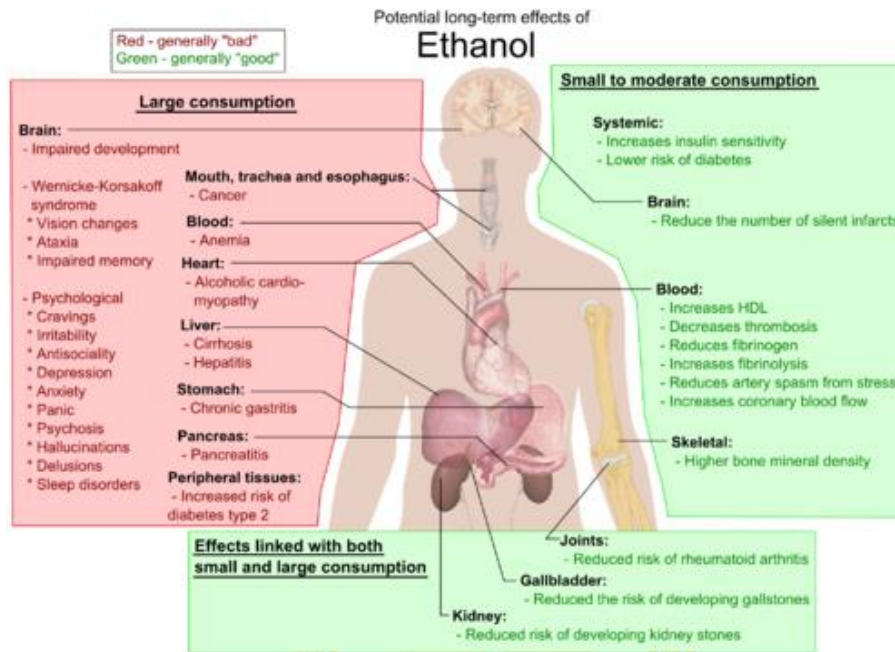
Symptoms of fibromyalgia.^[27]



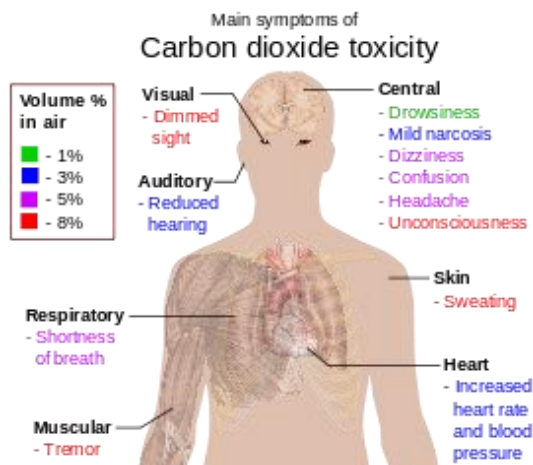
Symptoms of systemic lupus erythematosus.^[28]



Toxins



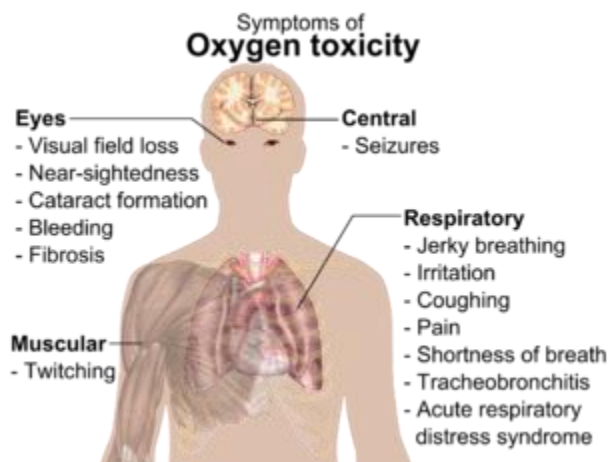
Most significant of the possible long-term effects of ethanol. Additionally, in pregnant women, it causes [fetal alcohol syndrome](#).



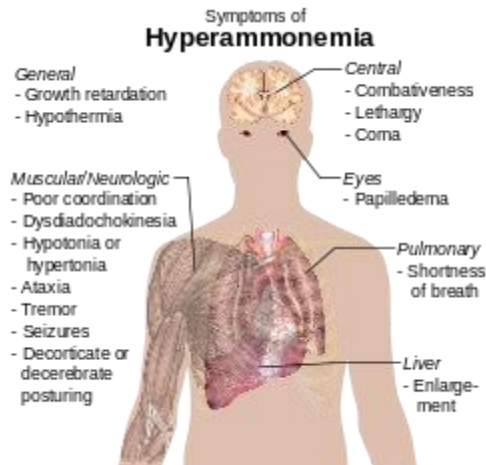
Main symptoms of [carbon dioxide](#) toxicity, by increasing [volume percent](#) in air.^{[29][30]}



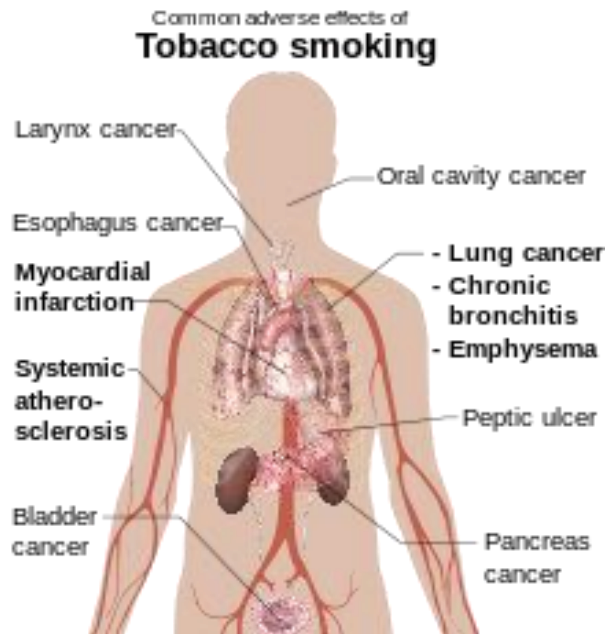
Most common symptoms of any kind of snake bite poisoning.^{[31] [32] [33]} Furthermore, there is vast variation in symptoms between bites from different types of snakes.^[31]



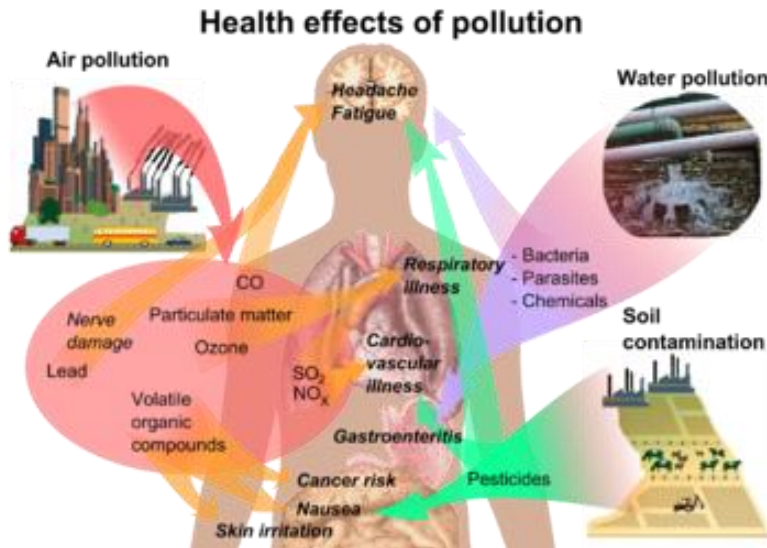
Main symptoms of oxygen toxicity.^[37]



Main symptoms of hyperammonemia (ammonia reaching toxic concentrations).^[38]



Common adverse effects of tobacco smoking.^[39]



Overview of main health effects on humans from some common types of [pollution](#). [\[34\]](#) [\[35\]](#) [\[36\]](#)

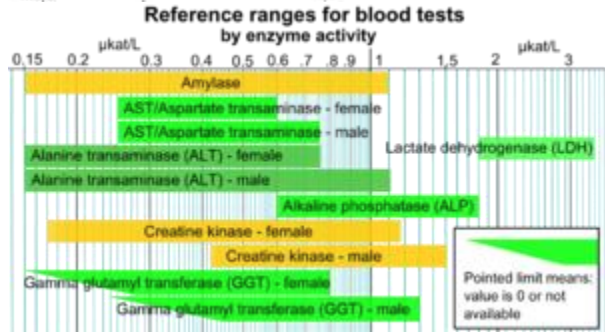
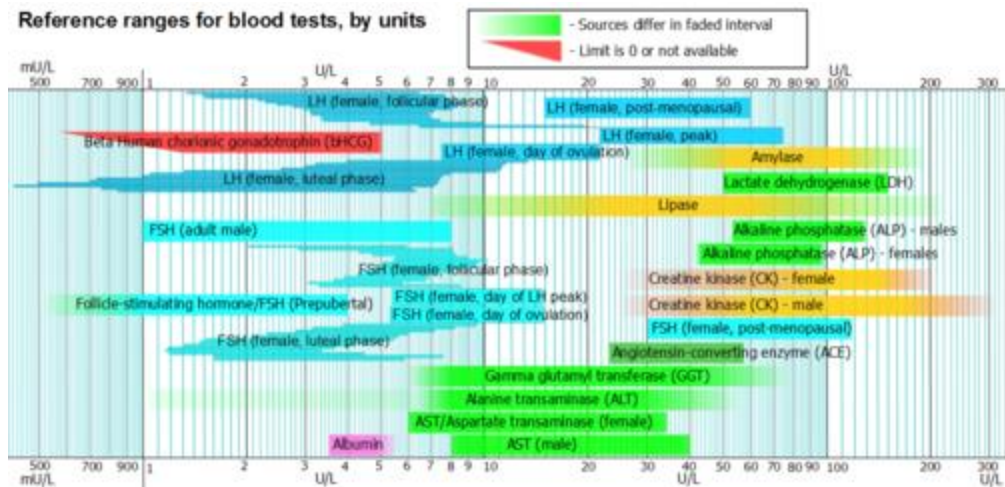
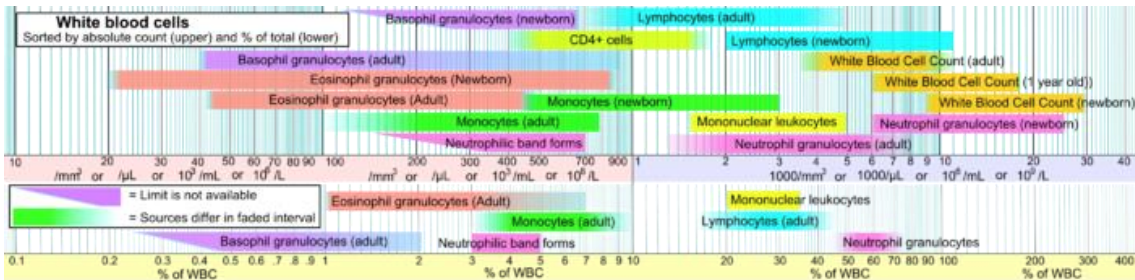
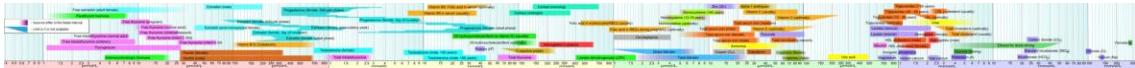
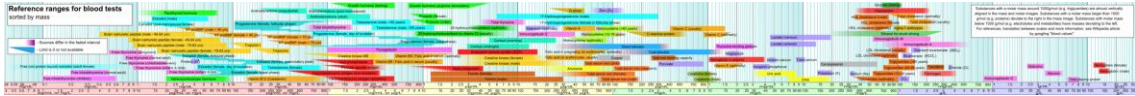


Side effects of nicotine.^[40]



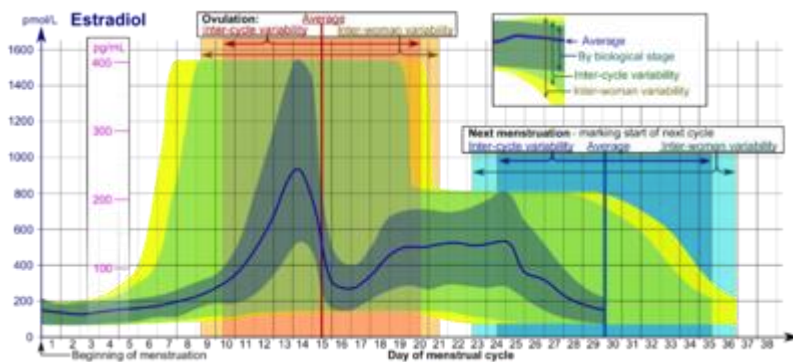
Blood values

Full length of images are found online.

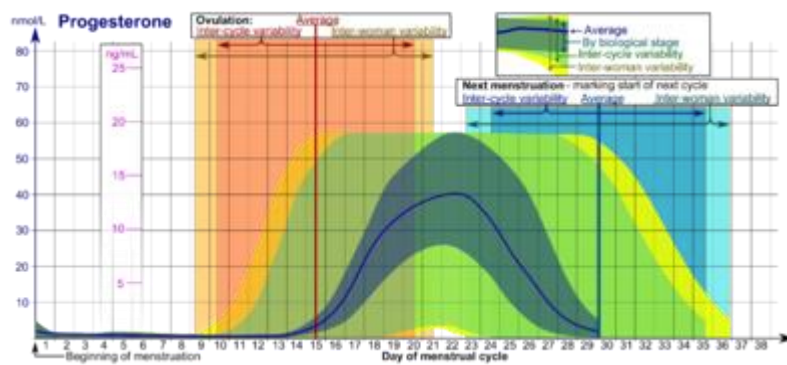




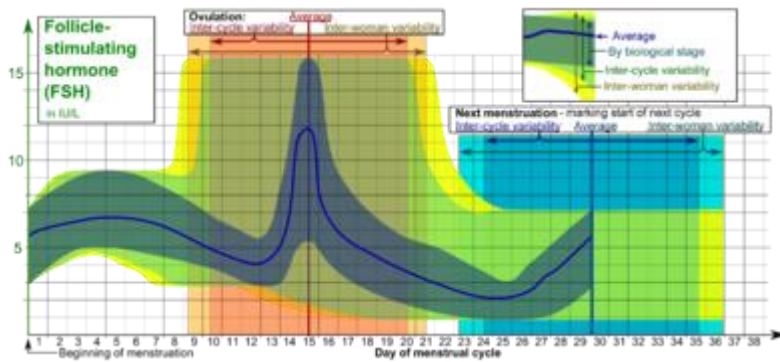
Other medical diagrams



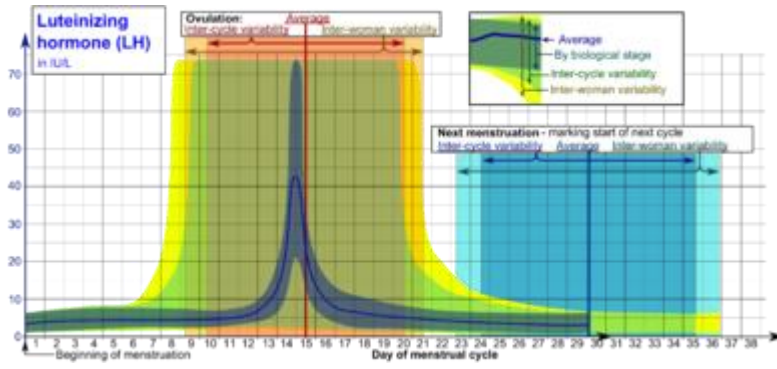
Estradiol during the menstrual cycle



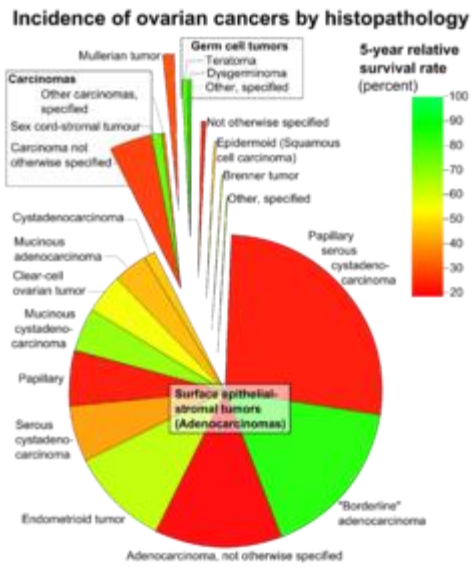
Progesterone during the menstrual cycle



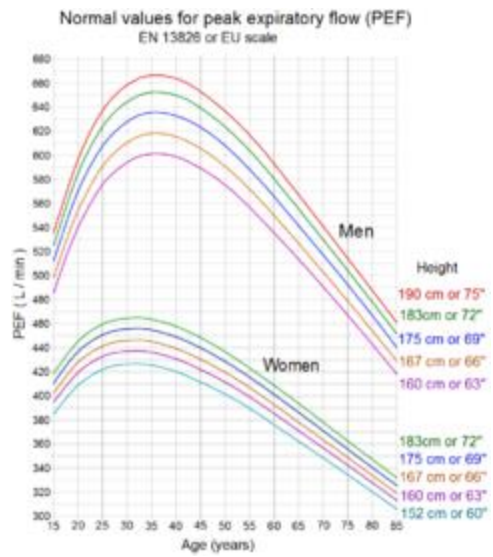
FSH during the menstrual cycle



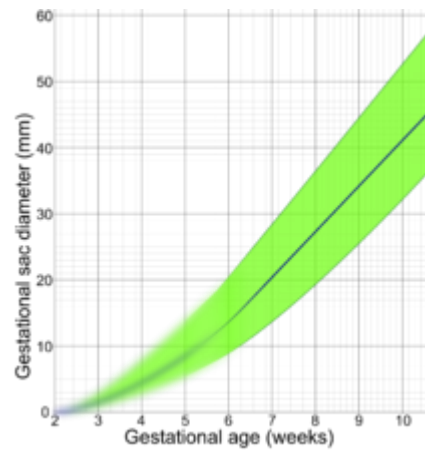
LH during the menstrual cycle



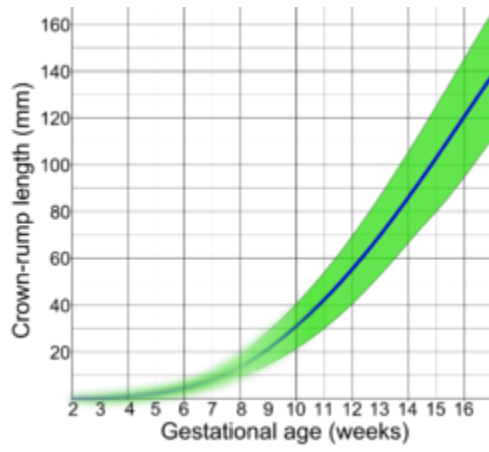
Incidence of ovarian cancers by histopathology



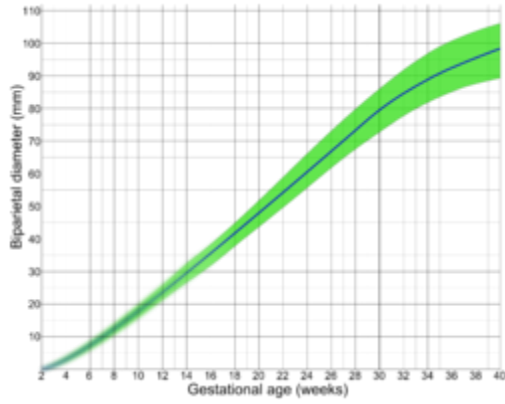
Normal values for peak expiratory flow



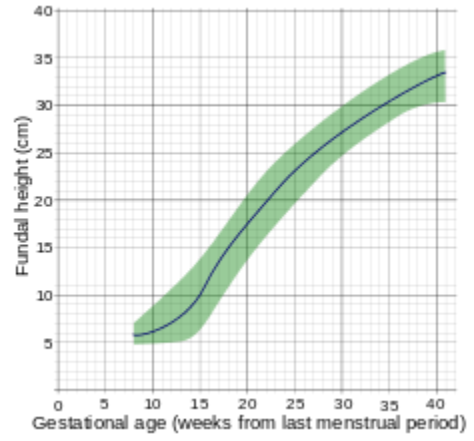
Gestational sac diameter by gestational age



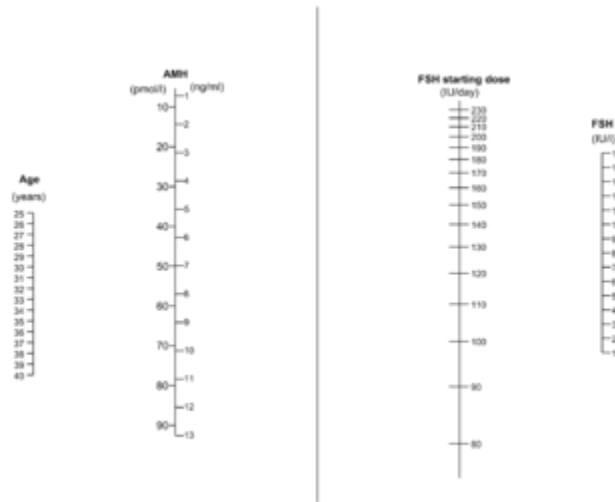
Crown-rump length by gestational age



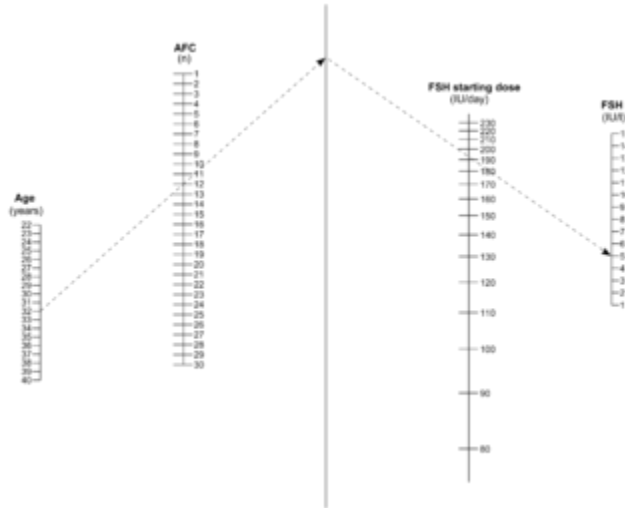
Biparietal diameter by gestational age



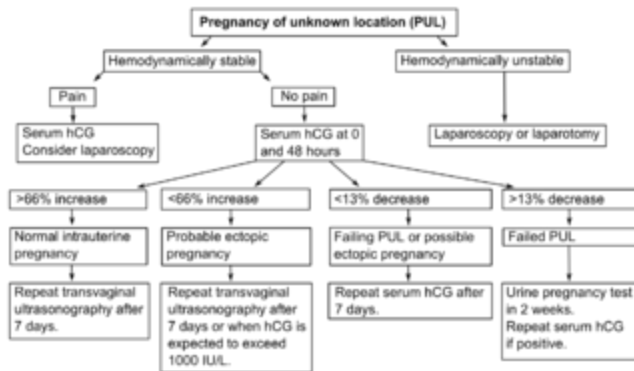
Fundal height by gestational age



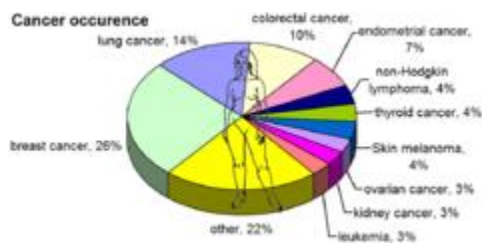
Dosage of FSH in hyperstimulation



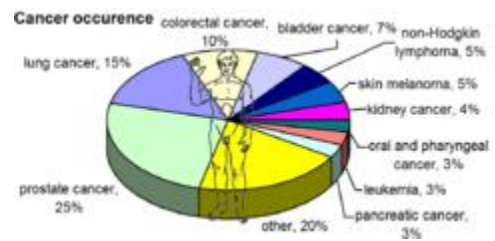
Dosage of FSH in hyperstimulation (using AFC instead of AMH)



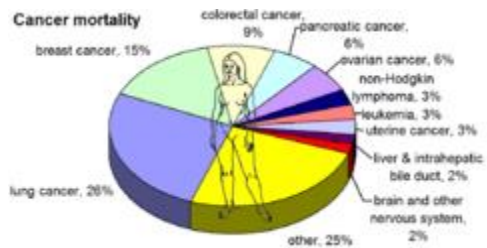
Algorithm in pregnancy of unknown location



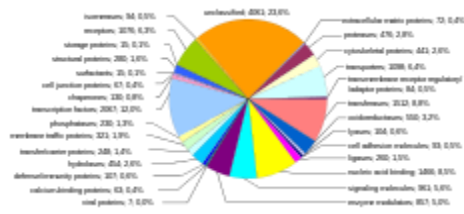
Most common cancers in females, by occurrence



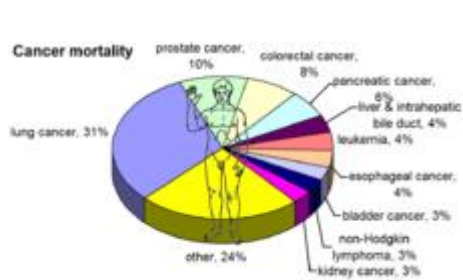
Most common cancers in males, by occurrence



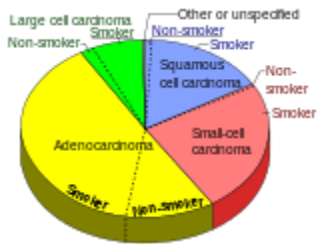
Most common cancers in females, by mortality



Human genome by functions



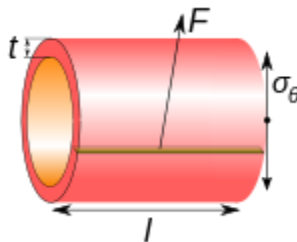
Most common cancers in males, by mortality



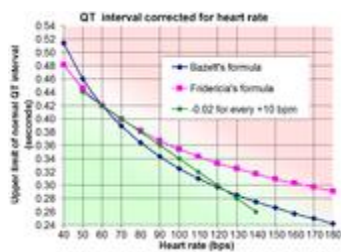
Lung cancer types



Maternal mortality rate worldwide



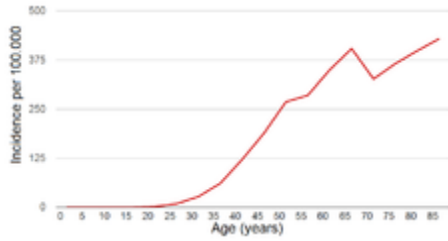
Circumferential stress



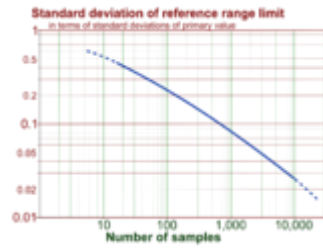
QT interval corrected for heart rate



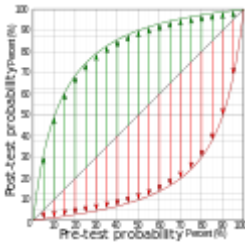
Relative survival in ovarian cancer



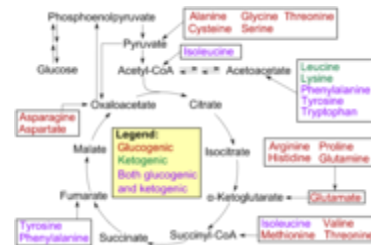
Breast cancer incidence by age



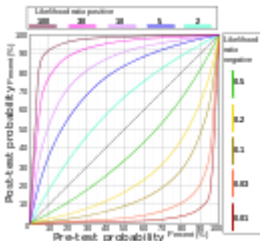
Standard deviation of standard reference range limit



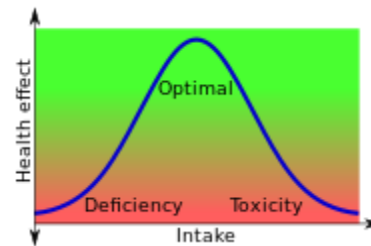
Pre- and posttest probabilities



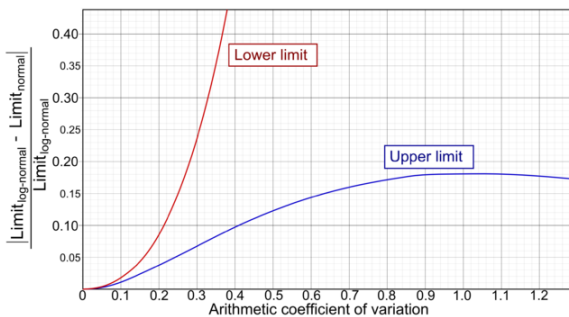
Amino acid catabolism



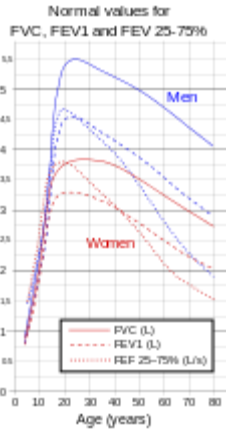
Pre- and post-test probabilities



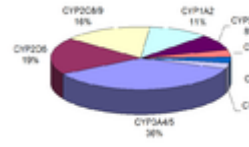
Bell curve of intake versus health effect



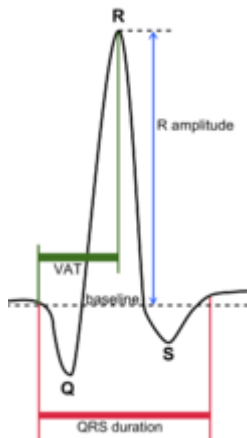
Coefficient of variation versus deviation in reference ranges "erroneously" not established by log-normal distribution



Normal values for Forced Vital Capacity (FVC), Forced Expiratory Volume in 1 Second (FEV₁) and Forced Expiratory Flow 25–75% (FEF_{25–75%}).



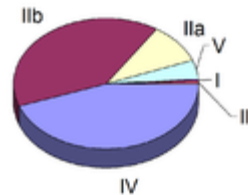
Proportion of drugs metabolized by different CYPs



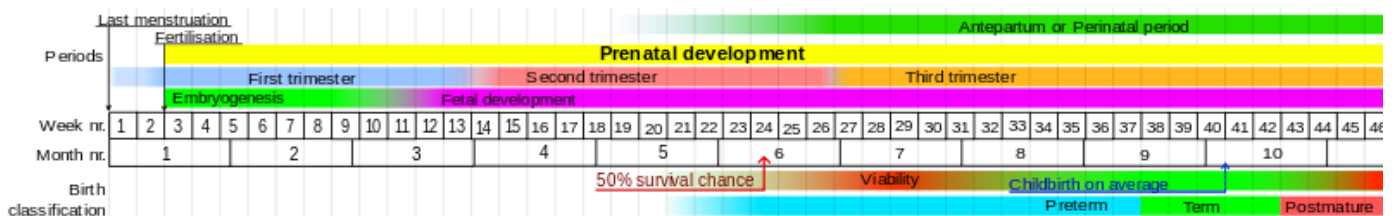
QRS complex



Causes of infertility

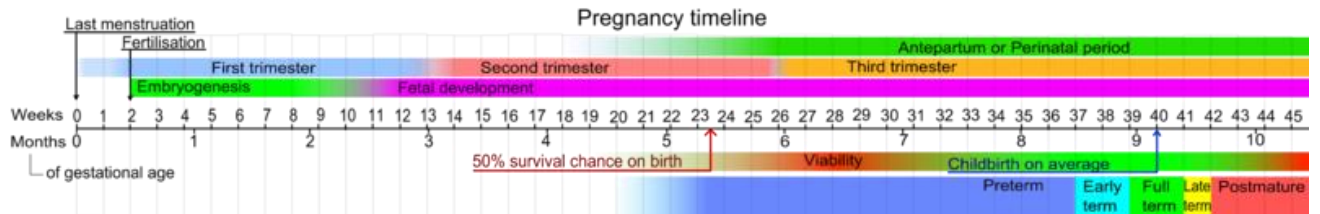


Relative prevalence of familial hyperlipoproteinemias

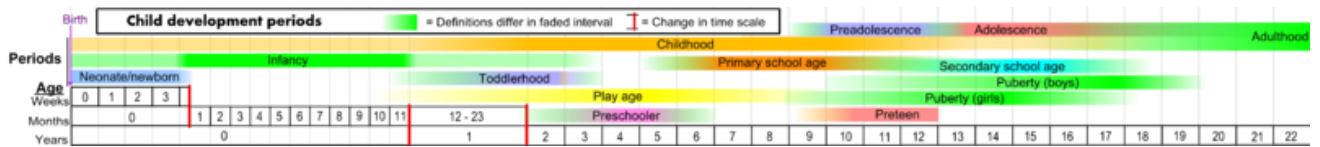




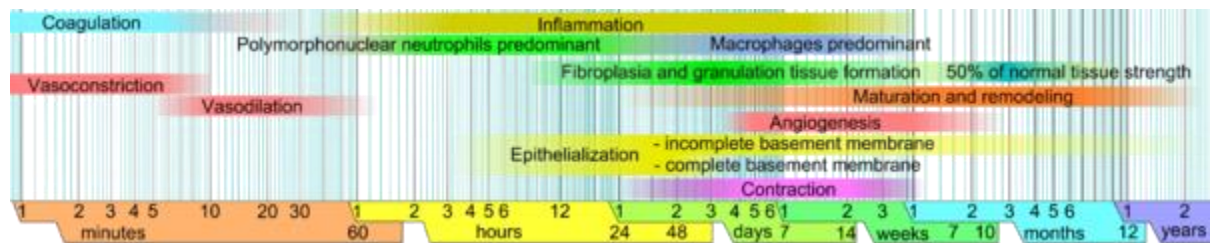
prenatal development.



Pregnancy timeline.



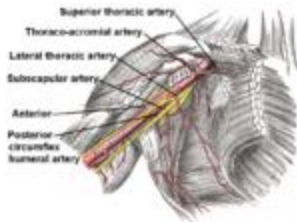
Child development stages.



Wound healing phases.

Gray's Anatomy labeling

The following images were taken from the now Public Domain version of Gray's anatomy from 1918, and were labeled for clarity.

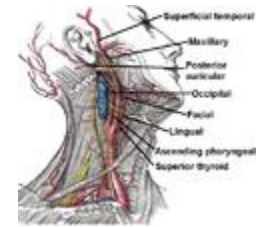


Axillary artery branches

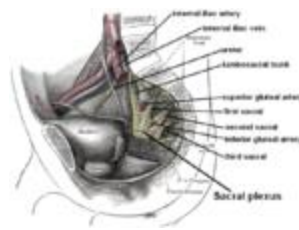


Axillary lines

Mandibular nerve branches

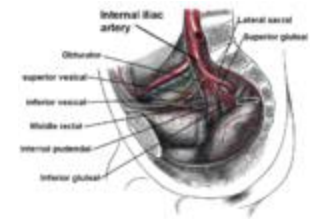


Dermatomes and cutaneous nerves

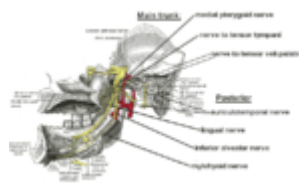


Sacral plexus

External carotid artery branches



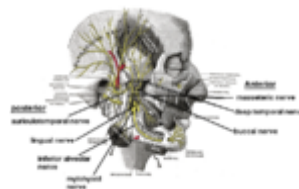
Internal iliac artery branches

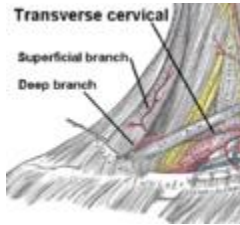


Mandibular nerve branches

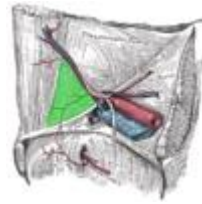


Adductor canal





Superficial and deep branches of the transverse cervical artery



Inguinal triangle



Arteries of the eye



Perineal body



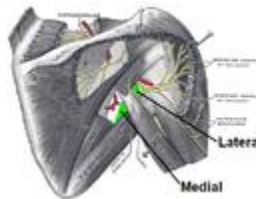
Frontal suture



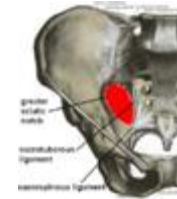
Deep temporal nerve



Posterior triangle of the neck



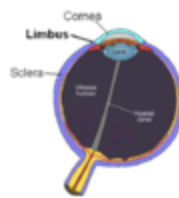
Axillary space



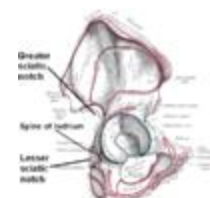
Greater sciatic foramen



Suboccipital triangle



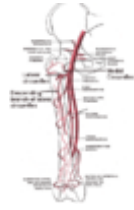
Limbus



Sciatic notches



Great saphenous vein



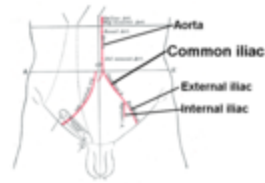
Circumflex femoral arteries



Supraspinatus muscle



Posterior fossa



Iliac artery
bifurcation and aorta



Lumbar triangle



Fibular artery



Suprahyoid muscles



External oblique muscle



Popliteal artery



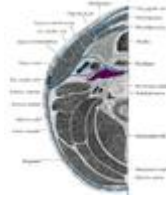
Nuchal ligament



Sternocleidomastoid
muscle



Rhomboid muscles



Prevertebral muscles



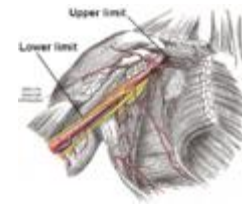
Inferior thyroid artery
and ascending cervical
artery



Splenius muscle



Orientation on the back



Limits of the axilla



Trapezius muscle



Prevertebral fascia



Costocervical trunk



Infraspinatus muscle



Jugular fossa



Vertebral artery



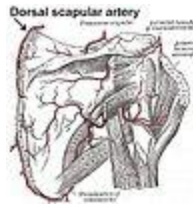
Costocervical trunk



Subclavian arteries, first part



Occipital artery



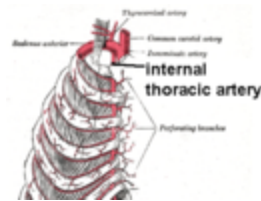
Dorsal scapular artery



External maxillary artery branches



Facial artery



Internal mammary branch



Superficial temporal artery



Lingual artery



Thyrocervical trunk



Maxillary artery



Ascending pharyngeal artery



Posterior auricular artery



Superior thyroid artery



Foramen caecum



Petrotympic fissure



Semitendinosus muscle



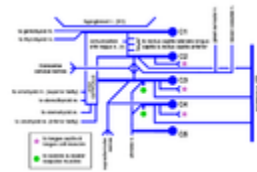
Carotid sheath



Stylomastoid foramen



Quadratus femoris muscle



Cervical plexus



Semimembranosus muscle



Inferior gemellus muscle



Infrahyoid muscles



Biceps femoris muscle,
long head



Gemellus superior muscle



Piriformis muscle



Gluteus muscles



Extensor pollicis longus muscle



Gluteus medius muscle



Prepatellar bursa



Extensor carpi ulnaris muscle



Gluteus minimus muscle



Rectus capitis lateralis muscle



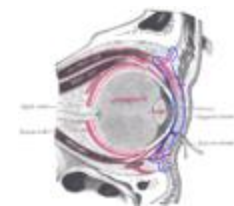
Extensor digitorum muscle



Gluteus maximus muscle



Extensor indicis muscle



Orbital septum



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Diabetes, rheumatoid arthritis, Parkinson's, Alzheimer's disease, osteoarthritis

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Replace missing teeth

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General

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