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EDITION



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# CYCLOPEDIC OMEDICAL DICTIONARY

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ectoperitonitis

ectasia iridis. Smallness of the pupil of the eye caused by displacement of the iris. ectasia ventriculi paradoxa. Hourglass stomach

ectatic. Distensible or capable of being stretched.
ectental [Gr. ektos, without, + entos, within].

Pert. to entoderm and ectoderm.

ectental line. Point of entodermal and ectodermal junction in the gastrula.

ectethmoid (ëk-teth moyd) [" + ethmos, sieve, + etdos, form]. Lateral mass of the eth-

moid bone.

rush! An infection of the skin. Usually a rerush! An infection of the skin. Usually a result of neglected treatment of impetigo, q.v. It
is marked by shallow lesions with adherent
crusts or scabs. May be followed by pigmentation and scarring. Treatment is the same
as that for impetigo.

ectiris (ēk-ti'ris) [Gr. ektos, outside, + iris, iris]. The external portion of the iris.
ecto-[Gr. ektos, outside]. Prefix meaning out-

ectoantigen (&k"to-an'ti-gen) (" + anti, against, + gennan, to produce). An antigen against, + gennan, to produce]. An antigen assumed to have its origin in ectoplasm of bacterial cells or one loosely attached to the surface of bacteria and capable of being separated from the bacterial cell.

ectoblast (ĕk'tō-hlăst) [" + blastos, germ]. 1. Ectoderm. 2. Any outer membrane, as a cell wall.

ectocardia (êk-tō-kar'dĭ-ā) [" + kardia, heart]. Displacement of the heart. ectochoroidea (êk"tō-kō-roy'dĭ-ā) [" + kho-

ectochoroidea (ēk"tō-kō-roy'dǐ-ā) [" + khorioeides, choroid]. Outer layer of choroid coat of the eye. ectocinerea (ēk"tō-sīn-ē'rī-ā) [" + L. cinereus,

ashen]. The outer gray matter of the brain.
ectocolostomy (ēk"tō-kō-lōs'tō-mē) [" +
kolon, colon, + stoma, opening]. Formation
through the abdominal wall of an opening
into the colon.

ectocondyle (ëk"tō-kon'dil) [" + kondylos, knuckle]. The outer condyle of the bone. ectocornea (ëk-tō-kor'nē-ă) [" + L. corneus,

horny]. External layer of the cornea.

ectocuneiform (ēk-tō-kú'nē-ī-form) [" + L.

cuneus, wedge, + forma, form]. External cuneiform bone.

ectocytic (ĕk"tō-sī'tīk) [" + kytos, hollow vessel]. Outside of the cell.
ectodactylism (ĕk"tō-dāk'tīl-īzm) [" + dak-

ectodactylism (ěk"tō-dàk'til-izm) [" + daktylos, finger, + ismos, state of]. Lack of a digit
or digits.

ectoderm (ĕk'tō-derm) [" + derma, skin]. The outer layer of cells in a developing embryo. From it are developed skin structures, the nervous system, organs of special sense, the

pineal, and part of pituitary and suprarenal glands. SYN: epiblast. SEE: entoderm; mesoderm.

ectodermal. Rel. to the ectoderm.
ectodermatosis (ěk'tō-der"mā-tō'sis) [" + derma, skin, + osis, diseased condition]. Illness resulting from congenital maldevelopment of ectodermal structures.

e. pluriorificialis. A form of erythema multiforme characterized by fever, chills, profuse salivation, small blisters on tongue, lips, and cheeks, and erythematous lesions on the hands. The disease is rare and occurs in children and young persons. SYN: dermatostomatitis.

ectodermic. Pert. to the ectoderm. SYN: ectodermal.

ectodermoidal (ëk"tō-der-moyd'āl) [" + derma, skin, + eidos, form]. Pert. to or resembling the ectoderm.

ectoentad (ěk"tō-ěn'tǎd) [" + entos, within]. From without inward.

ectoenzyme (ēk"tō-ēn"-zīm) [" + en-, in, + zyme, leaven]. An extracellular enzyme, or one that acts outside of the cell that secrets it.

ectogenous (šk-tōj'ē-nūs) [" + gennan, to produce]. I. Having its origin outside of a body or structure, as infection. 2. Ability to grow outside of the body, as a parasite.

ectodia (šk-tōj'']; ā) [" + glin, glue]. Smerfi.

ectoglia (èk-tôg'lì-à) [" + glia, glue]. Superficial embryonic layer in beginning of stratification of the medullary tube of the embryo. ectoglobular (èk''tō-glöb'ū-lar) [" + L. globulus, globule]. Not within blood cells or globular bodies.

ectolecithal (ĕk"tō-lēs'ī-thăl) [" + lekithos, yolk]. Pert. to ovum having food yolk placed near the surface.

ectomere (&k'tō-mēr) [" + meros, part]. One of the blastomeres forming the ectoderm. + ectomesoblast (&k'tō-mēs'ō-blāst) [" + mesos, middle, + blastos, germ]. Cells from which the ectoblast and mesoblast will develop.

ectomorph (ëk'tō-morf) [" + morphe, form]. Body build characterized by predominance of tissues derived from the ectoderm. Characterized by linearity of body build with sparse muscular - development. SEE: endomorph; mesomorph; somatotype.

ectomy (ěk'tō-mē) [Gr. ektome]. Excision of any organ or gland.

ectonuclear (äk-tō-nū'klō-ar) [Gr. ektos out.

ectonuclear (ek-tō-nū'klē-ar) [Gr. ektos, outside, + L. nucleus, kernel]. Occurring outside a cell nucleus.

ectopagus (ĕk-töp'ā-gūs) [" + pagos, something fixed]. An abnormal fetus consisting of twins fused at the thorax.

ectoparasite (ěk"tő-păr'ā-sīt") [" + Gr. parus

outer surface of the body, as fleas, lice, or

ectoperitonitis (čk"tō-pěr"ī-tō-nī'tis) [" + peritonaion, peritoneum, + itis, inflammation, Inflammation of the parietal layer of peritoneum (layer lining the abdominal wall)

ectopia (ëk-to'pi-a) [Gr. ektopos, displaced]
Malposition or displacement, esp. congenital
of an organ or structure.

e. cordis. Malposition of the heart in which heart lies outside the thoracic cavity. e. lentis. Displacement of the crystalline lens of the eye.

e., pupillae. Displacement of the pupil SYN: corectopia.

e. renis. Displacement of the kidney.

e. testis. Displacement of the testis.
e. vesicae. Displacement of the bladder,
esp. exstrophy of the bladder.

e. Visceral. An umbilical hernia.
 ectopic (ëk-töp'ik). In an abnormal position Opposite of entopic.

ectopic heat. Electrical stimulation of the heart beat beginning at a point other than sinoatrial node.

ectopic beat. Cardiac beat beginning at a point other than sinoatrial node.

ectopic pregnancy. Implantation of the fertilized ovum outside of the uterine cavity. There is usually a poorly developed decidual reaction in the uterus.

LOCATIONS: Abdominal: In the free abdominal cavity and attached to one of the abdominal viscera, usually secondary to tubal. Interstitial: In the interstitial portion of the tube. Ovarian: In the ovary. The ovarian and primary abdominal types are very rare. Tubal: In the fallopian tube, the most frequently encountered. The pregnancy may be situated in the interstitial, ampullar, or isthmic portion of the tube, the isthmic type being the most common.

being the most common.

ETIOL: Most commonly associated with inflammatory conditions of the tube and other conditions which mechanically interfere with the downward passage of the ovum, such as diverticula, polypi in the tubal lumen, and peritoneal adhesions. Any variety of pregnancy or any combination of varieties may occur (uterine plus ectopic, bilateral ectopic).

SYM: Missed menstruation; tenderness, soreness, pain on affected side; pallor, weak pulse, signs of shock or hemorrhage; pain may be reflected to shoulder; perhaps bluish discoloration of umbilicus.

Unruptured: Amenorrhea may or may not be present; vague pains in the abdomen usu-

on the ally on one side; irregular hemorrhage. The lice, or diagnosis at this stage can be made by the usual biological tests for pregnancy.

Ruptured: Without a severe hemorrhage; there is severe pain in the lower abdomen with repeated fainting spells. Diagnosis is made by transvaginal needle puncture of the peritoneal cavity. This will reveal free blood. If bleeding is severe and surgical therapy is not instituted without delay, death may result.

DIFF. DIAG: Ectopic pregnancy must be differentiated from appendicitis, uterine pregnancy, acute salpinghis, twisting of the pedicle of an ovarian cyst or pedunculated fibroid tumor, and hemorrhage from a ruptured graafian follicle or corpus luteum cyst.

TREATMENT: Once the diagnosis of ectopic pregnancy is made, operative treatment is indicated. In those cases where there
is profound shock from hemorrhage, the patient should be supported by blood transfusion and saline infusions before major surgery is attempted.

m m

ectopic rhythm. Any cardiac rhythm that is abnormal or irregular.

ectoplasm (Gr. ektos, outside, + plasma, a thing formed). The outermost layer of cell protoplasm.

ectoplasmic. Pert. to ectoplasm. SYN: ectoplastic.

ectoplast (ëk'tō-plāst) [" + plastikos, formed].
Cell membrane.
ectoplastic. Formed at the periphery SYN:
ectoplasmic.

ectopotomy (èk-tō-pōt'ō-mē) [Gr. ektopos, displaced, + tome, incision]. Removal of the fetus in ectopic pregnancy.

ectopterygoid (ek"tō-tēr"i-goyd) [Gr. ektos, outside, + pteryx, wind, + eidos, form]. External or lateral pterygoid muscle. Acts to bring jaw forward.

ectopy (ëk 'tō-pë) [Gr. ektopos, displaced]. Displacement. SYN: ectopia.
ectoretina. (ëk"tō-rēt'ī-nā) [Gr. ektos, outside. + L. rete. netl. Outer layer of retina.

side, + L. rete, netl. Outer layer of retina.
ectostosis (ek-tōs-tō'sis)[" + csteon, bone, +
osts, condition]. Formation of bone beneath
the periosteum.

Ectotrichophyton (ėk"o-tri-kôf'i-tŏn) [" + thrix, hair, + phyton, plant), former name for Trichophyton megalosporon ectothrix, a genus of parasitic fungi causing tinea or ringworm of the hair.

ectozoon (ĕk-tō-zō'ŏn) [" + zoon, animal].
Parasitic animal that infests the outer integument of the body.

ectrodactylism (ěk"trō-dăk"til-izm) [Gr. ektroma, abortion, + daktylos, finger, + ismos, state of]. Congenital absence of all or part of

TO

metrostaxis

tiseptic which derives its activity from the

as the sole therapeutic agent in acute urithus an acidifying agent, such as ammonium tion, esp. pyelitis and cystitis. It is necessary nary tract infections urine pH of 5.5. This drug should not be used chloride, usually is required to maintain a that the acidity of the urine be controlled; USES: In the treatment of urinary infec-

methionine (měth-ī'ō-nīn). C<sub>5</sub>H<sub>11</sub>NO<sub>2</sub>S. sulfur-bearing compound; an essential amino

method [Gr. methodos]. The systematic manner, procedure, or technique in performing details of an operation, tests, treatment, or any act. SEE: maneuver; stain; test; treat-

methomania (měth"ō-mā'nĭ-ă) [Gr. methe, intoxicants ical craving for intoxicating drinks or other drunkenness, + mania, madness). Patholog-

methotrexate (měth"ō-trěk'sāt). USP. An used in psoriasis. The drug acts by antagonizantimetabolite used in the treatment of cering the metabolism of folic acid kemia in children and choriocarcinoma. Also tain neoplastic diseases including acute leu-

methoxsalen (më-thok'sah-len). A psoralen psoralen; PUVA therapy; trioxsalen. used in treating vitiligo and psoriasis. SEE:

methyl (měth'il) [Gr. methy, wine, + hyle, wood]. In organic chemistry, the radical CH<sub>3</sub>, alcohol, CH3OH. seen, for instance, in the formula for methyl

coholic odor largely used as a solvent for paints or varnishes. m. alcohol. A colorless liquid with an al-

gaultheria. Produced from distillation of eaves of sweet birch; it has a characteristic m. salicylate. Oil of wintergreen, oil of 73. purine. An oxidation product of pu-Includes caffeine, theophylline and ether. An anesthetic gas without color. SEE: aminopurine; oxypurine.

counterirritant. preparations in the form of liniment or ointment for topical use as an analgesic balm and ACTION AND USES: Commonly used in

m. violet. Stain employed in histology

methyl alcohol poisoning. Symptoms are dominal cramping, difficult breathing, cold sweats, coma, and convulsions. May be condifferent from those of ordinary alcoholism. Depression, weakness, nausea, headache, aberal hours or not for several days; it may be ness which often follows may appear in sevfused with cerebrovascular accident. Blind-

cohol permanent.

TREATMENT: Gastric lavage, q.v., or inwill help to prevent metabolism of methyl alformic acid, 10 ml. of ethyl alcohol per hour supportive therapy. To prevent formation of duce vomiting. Intravenous alkali solution (5% sodium bicarbonate) in large amounts,

methylcellulose. USP. A tasteless powder methylene blue (měth'ĭ-lēn). A darkgreen which becomes swollen and gummy when wet. Used as a bulk substance in foods and stain. SYN: methylthionine chloride: crystalline powder, producing a distinct blue laxatives, also as an adhesive or emulsifier

an antidote for carbon monoxide and cyanide USES: As a test for kidney function and as

metnyimalonic acidemia. An inherited (1 mg. of dye per kilogram of body weight). ment of drug-induced methemoglobinemia tardation, and severe metabolic acidosis. Clinically there is failure to grow, mental revert methylmalonic acid to succinic acid metabolic disease caused by inability to conpoisoning. It is also valuable in the treat

metonymy (mě-tŏn'i-mě) [Gr. meta, beyond, + onyma, name]. Mental confusion exhibited precise term but of similar meaning. Ex: rifle in place of war; apple in place of by the patient's use of a word which is not the

metopic (mē-tŏp'ik) [Gr. metopon, forehead] Rel. to the forehead.

metopion (me-tō'pĭ-ŏn). Craniometric point nences. SYN: glabella. in forehead midway between frontal emi-

metopism (měť/o-pizm). Persistence of the metopic suture in an adult.

**metoxenous** (mět"ŏk-se'nŭs) [" + xenos, host] ecious two cycles on a different host. SYN: heter-Denoting a parasite that spends each of its

metoxeny (mět-ŏk'sĕ-nē). Condition of being

metra (me'tra) [Gr.]. Combining form mean-

**metralgia** (mē-tră'jĭ-ă) [Gr. *metra*, uterus, + algos, pain]. Pain in the uterus. SYN: metro dynia ing the uterus. SEE: metro-.

**metratome** (mē'tră-tom) [" +  $tome_r$  incision] Instrument for incising the uterus.

metratonia (mē"tră-tô'nĭ-ă). Uterine ateny metratomy (me-trăt'o-me). Surgical incision occurring after childbirth of the uterus. SYN: hysterotomy; metrotomy.

metratrophia (mē"tră-trō'fī-ă). Atrophy of the uterus.

**Metrazoi** (mět'ră-zŏl). A proprietary name în white powder, chemically neutral substance a preparation of pentamethylenetetrazole. A

> **metre** (mē'tēr) [Gr. *metron*, measure]. Meter. recorded. This may activate epileptic foci with USES: A diagnostic aid in epilepsy. It is injected intravenously as the EEG is being production of characteristic EEG changes.

metrechoscopy (mět"rē-kŏs'kō-pē) [" + echo, **metrectasia** (mē"trēk-tā'zĭ-ă) [Gr. metra, uterus, + ektasis, extension]. Uterine dilatamensuration, auscultation, and inspection sound, + skopein, to examine]. Combined

metreurynter (mē-troo-rĭn'těr) [Gr. metra, tended to dilate the cervix. bag which is inserted in the os uteri and disuterus, + eurynein, to stretch]. An inflatable

metreurysis (me-troo'rī-sīs). Dilatation of the cervix uteri with the metreurynter.

metric system. A system of weights and uid, or 0.908 qt. dry measure) as the unit of gr.) the unit of weight; the liter (1.057 qt. liqthe unit of measurement; the gram (15.432 measures based upon the meter (39.37 in.) as

0.064. To change gr. to gm. divide by 15 or multiply by 0.064. To change gm. to avoirduand Measures in Appendix. household measures; Troy weight; Weights ml. multiply by 28.3. SEE: avoirdupois; pois oz. divide by 28.3. To change fluid oz. to CONVERSION RULES: (Approximate) To change gm. to gr. multiply by 15 or divide by

**metritis** [Gr. metra, uterus, + itis, inflammanated endometritis if the endometrium is involved and myometritis if the musculature tion]. Inflammation of the uterus. Desig-

of lymphocytes. an increase in fibrous tissue and infiltration (myometrium) is involved, SYN: uteritis.

m., chronic. Condition in which there is

metro-[Gr. metra, uterus]. Combining form meaning rel. to the uterus

metrocarcinoma (mē"trō-kar-sī-nō'mă) [" + ine carcinoma karkinos, crab cancer, + oma, tumor]. Uter-

metrocele (mē'trō-sēl) [" + kele, hernia]

metrocystosis (mē"trō-sīs-tō'sīs) [" + kystis, **metrocolpocele** (mē"trō-kŏl'pō-sēl) [" + kolpos, vagina, + kele, hernia]. Protrusion of the vaginal wall downward. uterus into the vagina, which pushes the

metrodynia (mē"trō-dĭn'i-ă) [" + odyne, pain] metrofibroma (mē-trō-fī-brō'mă) [" + L. fibra, cysts: Uterine pain. SYN: metralgia.

cyst, + osis, intensive]. Formation of uterine

metromalacosis (mē"trō-măl-ă-kō'sĭs) [" + " fiber, +oma, tumor]. Uterine fibroma. metromalacia (mẽ"trō-măl-ã'shī-ã) [" +malakia, softness]. Softening of the uterus.

> uterine tissues. + osis, intensive]. Malacia or softening of

metronidazole. USP. Medicine, sold under the trade name of Flagyl, used in treating infections due to Trichomonas vaginalis.

symptoms such as vertigo, dizziness, and or vomiting, also central nervous system taking it may cause abdominal pain, nausea, of white blood cells. Drinking alcohol while CAUTION: This drug may depress the level

**metronome** (mět'rō-nōm) [Gr. *metron*, meaintervals or periods of time. sure, + nomos, lawj. Apparatus for recording

**metroparalysis** (mē"trō-pā-rāl'ĭ-sĭs) [Gr metra, uterus, + paralyein, to disable]. Uter-ine paralysis during or immediately following childbirth

metropathia hemorrhagica (mē"trō-păth'ī and ovarian cystic disease. trophy of the uterine mucous membranes hemorrhage, usually accompanied by hyper-Condition of the uterus characterized haima, blood, + rhegnynai, to burst forth] ă hem"o-rāj'ik-ā) [" + pathos, disease,

No.

metropathic (me"tro-path'ik). Pert. to or metropathy (mē-trŏp'ā-thē). Any uterine caused by uterine disease.

metroperitonitis (mē"trō-pěr"ī-tō-nî'tăs) [" + toneum tion]. Inflamed condition of uterus and periperitonaion, peritoneum, + itis, inflamma-

metrophlebitis (mē"trō-flē-bī'tĭs) [" + phleps tion of the uterine veins. vein, + itis, inflammation]. Inflamed condi-

formed]. Any plastic operation on the uterus. **metroptosis** (me-tro-to'sĭs) [" + ptosis, fallmetroplasty (mē"trō-plās'tē) [" + plastikos ing]. Dropping of the uterus

metrorrhagia (mět"rō-rā'jĭ-ă) [" + rhegnynai genital tract, specifically cancer of the cer suspect and search for a malignancy in the cervix uteri. Its occurrence should lead one to strual period. May be caused by lesions of the esp. at any time other than during the mento burst forth]. Bleeding from the uterus, vix. SEE: menorrhagia.

metrorthosis (me"tror-tho'sis) [" + orthosis, metrorrhexis (mē"trō-rěk'sĭs) [" + rhexis rupture]. Kupture of the uterus

metrosalpingitis (mē"trō-săl"pin-ji'tis) [" a straighteningl. Correction of uterine dis-

metroscope (mē'trō-skōp) [" + skopein, to ex-SYN: hysteroscope. salpinx, tube, + itis, inflammation]. amine]. Instrument for examining the uterus flamed condition of uterus and oviducts.

metrostaxis (mē"trō-stāk'sīs) [" + staxis, a