# STEDMAN'S <br> Medical <br> Dictionary 

## 27th Edition

## Illustrated in Color

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1. Medicine-Dictionaries. 1. Title: Medical dictionary. II. Title.
[DNLM: 1. Medicine-Dictionary_English. W 13 S812m 1999]
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$610^{\prime} 3-\mathrm{de} 21$
actinic k., a reaction of the cornea to ultraviolet light.
deep punctate k., sharply defined opacities in an otherwise clear comea, occurring in syphilitic initis.
dendriform $k$., dendritic $k$, a form of herpetic $k$.
diffuse deep $k$., $s$ sn $1<$ profunda.
Dimmer k., sYN K, nummularis
disciform k., large disk-shaped infiltration of the central or paracentral corneal stroma. This lesion is deep and nonsuppurative and is seen in virus infections, particularly herpetic. syn k. disciformis.
k. discifor'mis, syn disciform k.
exposure k., inflammation of the cornea resulting from irtitation caused by inability to close the eyelids. SYN lagophthalmic $k$.
fascicular $k$, a phlyctenular $k$. followed by the formation of a band or fascicle of blood vessels extending from the margin toward the center.
filamentary $k$, a condition characterized by the formation of epithelial filaments of varying size and length on the corneal surface. syn k. filamentosa.
k. filamentósa, syn flementaryk.
geographic $k$, $k$, with coalescence of superficial lesions in herpes keratitis.
herpetic $k$, inflammation of the comea (or cornea and conjunctiva) due to herpes simplex virus. syn herpes corneae, herpetic keratoconjunctivitis.
interstitial k., an inflammation of the corneal stroma, often with neovascularization.
lagophthalmic k., SYN exposure .
k. lineáris mi'grans, a deep, linear corneal opacity stretching from limbus to limbus; associated with congenital syphilis
marginal k., a corneal inflammation at the limbus.
metaherpetic k., a postinfectious corneal inflammation in herpetic $k$. leading to epithelial erosion, not due to virus replication.
mycotic $k$, an infection of the cornea of the eye caused by a fungus.
necrotizing $k$., severe inflammation and destruction of corneal tissue that may be seen in response to herpes infection.
neuroparalytic $k$, sYN neurotrophic $k$.
neurotrophic $k$., inflammation of the cornea after corneal anesthesia. SYn neuroparalytic $k$.
k. nummuláris, coin-shaped or round, discrete, grayish areas 0.5 to 1.5 mm in diameter scattered throughout the various layers of the cornea, syn Dimmer $k$.
phlyctenular $k$., an inflammation of the comeal conjunctiva with the formation of small red nodules of lymphoid tissue (phlyctenu lac) near the comeoscleral limbus. sy scrofulous $k$.
pneumococcal/suppurative $k$., syn seipiginousk.
polymorphic superficial k, epithelial degeneration occurring in starvation.
k. profun'da, an inflammation of the posterior corneal stroma. syn diffuse deep $k$.
punctate k, k, punctáta, syn keratie prectpitates, under precipe tate.
sclerosing $k$., inflammation of the comea complicating scleritis; characterized by opacification of the corneal stroma.
scrofulous k., SYN phlycenmetk
serpiginous k., a severe, creepung, central, suppurative ulcer often due to pneumococci. SYN pneumococcal/suppurative k., serpent ulcer of cornea.
K. Sićca, syn keratocomumervifs stcca.
sunerficial linear $k$, spontaneous, panful $k$ with epithelial ero sion and folds in Bowman membrane.
superficial punctate $k$., epithelial punctate $k$. associated with viral conjunctivitis. syN Thygeson disease.
trachomatous k., sEE pannus, comeal pannus.
vascular k., superficial cellular infiltration of the comea and neovascularization between Bowman membrane and the epithelium.
xerotic k., SYN ketatomatacia.
Skerato-, kerat-. 1. The cornea. 2. Homy tissue or cells. See at so cerat, cerato- [G. keras, hom]
Eker a to ac an tho ma (ker'ä-to ak'an-thómă). A rapidly grow ing tumor that may be umbilicated, and usually occurs on exposed areas of the skin in elderly white men, which invades the dermis but remains localized and usually resolves spontaneously if an treated; microscopically, the nodule is composed of well-differen tiated squamous epithelium with a central keratin mass that opens on the skin surface. [kerato- $+G$. akantha, thorn, + oma, tumort

ker:a to cele (ker'ă-to-sē). Hernia of Descemet membrane through a defect in the outer layers of the cornea. [kerato- +C kèlè, hernia]
ker a-to con junc-ti vi-tis (kerăa tō-kon-jüngk'ti-vi'tis). Inflan mation of the conjunctiva and of the cornea.
atopic k., a chronic papillary inflammation, of the conjunctiva showing Trantas dots in a patient with a history of atopy.
epidemic k., follicular conjunctivitis followed by subepithecirin corneal infiltrates; often caused by adenovirus type 8 , less comp monly by other types. SyN virus $k$.
flash k., SYN alfavidetk.
herpetic $\mathbf{k}$., SYN herpetic hermutis
microsporidian $k$, a form of $k$. often associated with immu: nosuppressed persons, such as those suffering from AIDS.
k. sićea, k. associated with decreased tears. SBe ALSO Sjogren syndrome. SyN dry eye syndrome, keratitis sicea.
superior limbic $k$, inflammatory edema of the superior corneoseleral limbus
ultraviolet $k$, acute $k$. resulting from exposure to intense ultravi olet irradiation. SYN actinic conjunctivitis, arc-flash conjunctivitis. flash $k$., ophthalmia nivalis, snow conjunctivitis, welder's conjunctivitis.
vernal k., SYN vennl coyumamum.
virus k., SYN epulemiek.
Kiverato co nus (keră-to-kónŭs). A conical protrusion of the cornea caused by thinning of the stroma; usually bilateral. ste Also Fleischer ring, Munson sign. Syn conical cornea. [kerate- t G. kōnos, cone]


## keratoconus

circumscribed posterior $k$, congenital corneal defect character ized by a craterlike defect on the posterior comeal surface.
ker a-to cri coid (ker'ä-tō kn'koyd). syn cevitoencold
kera-to eyst (ker'ä-tō-sist). Odontogenie cyst derived from rint nants of the dental lamina and appearing as a unilocular or nuiti locular radiolucency which may produce jaw expansion; epithelie lining is characterized microscopically by a unifom thicknesti: corrugated superficial layer of parakeratin, and a prominent bis, it layer composed of palisaded columnar cells; associated with the bifid rib basal cell nevus syndrome.
odontogenic $k$. (ke-ráto sist), a cyst of dentat lamina origin witl a high recurrence rate and well-defined histologic criteria of 4 corrugated darakeratin surface uniformlv thin enibhelium and a
palikinesia, pali.cine-sia (pali-kinézéă,-si-néze-ă). Involuntary repetition of movements. [G. palin, again, + kinésis, movement]
pali.nal (pal'i-năl). Moving backward. [G palin, backward]
palin drome (pal'in-drom). In molecular biology, a self-complementary nucleic acid sequence; a sequence identical to its complementary strand, if both are "read" in the same 5 ' to 3' direction, or inverted repeating sequences running in opposite directions (e.g., $5^{\prime}$-AGT-TGA-3') on either side of an axis of symmetry; $p$ 's occur at sites of important reactions (e.g., binding sites, sites cleaved by restriction enzymes); imperfect p.'s exist, as do interrupted p.'s that allow the formation of loops. [G. palindromos, a running back]
palin dro-mia (pal-in-drớmé-ă). A relapse or recurrence of a disease. [G. palindromos, a running back, + ia, condition]
palin drom-ic (pal-in-drom'ik), Recurring.
pali isade (pal'i-sãd). In pathology, a row of elongated nuclei parallel to each other. [Fr. palissade, fr. L. palus, a pale, stake]
pal la di unm (Pd) (pă-lä'dē-ŭm). A metallic element resembling platinum, atomic no. 46, atomic wt. 106.42. [fr. the asteroid, Pallas; G. Pallas, goddess of wisdom]
pall an es the sia (pal'an-es-the'ze-ă). Absence of pallesthesia. syn apallesthesia. [G. pallo, to quiver, + anaisthēsia, insensibility]
pall es the sia (pal'es-the' $z e-\quad$ ă $)$. The appreciation of vibration, a form of pressure sense; most acute when a vibrating tuning fork is applied over a bony prominence. syn bone sensibility, pallesthetic sensibility, vibratory sensibility: IG. pallō, to quiver, + aisthēsis, sensation]
pall es thet ic (pal-es-thet'ik). Pertaining to pallesthesia.
palli.al (paré-all). Relating to the pallium.
pal-li-ate (pal'ē āt). To reduce the severity of; to relieve slightly. syn mitigate. [L. palliatus (adj), dressed in a pallium, cloaked]
palli a tive (pal'ē-ă-tiv). Reducing the severity of, denoting the alleviation of symptoms without curing the underlying disease.
pal-li dal (pali'i-dăl). Relating to the pallidum.
pallidec to my (pali-dek'tô-më). Excision or destruction of the globus pallidus, usually by stereotaxy; a prefix may indicate the method used, e.g., chemopallidectomy (destruction by a chemical agent), cryopallidectomy (destruction by cold). [pallidum $+G$. ektomē, excision]
pal-li $\cdot$ do a myg da lot $0 \cdot \mathrm{my}$ (pal'i dō-ă-mig'dă-lot'o-mē). Production of lesions in the globus pallidus and amygdaloid nuclei. [pallidum + anygdala (1) + G. tomé, a cutting]
palli.do-an soto-my (pal'i-dö-an-sot'ó-mẽ). Production of lesions in the globus pallidus and ansa lenticularis.
palli.doto my (pal-i-dot'ö-me). A destructive operation on the globus pallidus, done to relieve involuntary movements or muscular rigidity. [pallidum + G. tomé, incision]
pal li dum (palí-dŭm) [TA]. srv globus pallidus. [L. pallidus. pale]
dorsal p. [TA], those parts of the globus pallidus located generally dorsal to the plane of the anterior commissure; along with the dorsal striatum, functions in motor activities with cognitive origins; also form part of the dorsal basal ganglia. syn p. dorsale [TA].
p. dorsale [TA], syn dorsal p.
ventral p. [TA], those parts of the globus pallidus located ventral to the anterior commissure, includes portions of the substantia innominata; along with the ventral striatum believed to function in moter activities with strong motivational or emotional contucts. syn p. ventrale [TA].
p. ventrale [LA], sYN ventral $p$.
palli.um (pale-um) [TA]. sxn cerebral cortex. [L. cloak]
pallor (pal'or). Paleness, as of the skin. [L.]
cachectic p., syn achromasia (1).
palm (pahm, pawlm) [TA]. The flat of the hand; the flexor or
liver p., exaggerated erythema of the thenar and hypothenar entnences.
pal-ma, pl. pal-mae (pawl'mă, pawl'me) [TA]. syn palit, paifin [L.]
p. mánus, palm of the hand. see palm.
pal-mar (pawl'măr) TTA]. Referring to the palm of the hand, volar. Syn palmaris [TA]. [L. palmaris, fr. palma]
pal-mar is (pawl-māris) $\lceil T A \mid$. sxn palmar, palmar. $\llbracket$.
pal mel lin (pal'mel-in). A red coloring matter formed by an alga. Palmella cruenta.
Palmer, Walter L., U.S. physician, 1896 . see P. acid rext fir peptic uleer.
palmic (pal'mik). Beating; throbbing; relating to a palmus.
pal-mi tal de hyde (pal-mi-tal'dé-hīd). Hexadecanal; the 16 carbon aldehyde analog of palmitic acid; a constituent of plasmale: gens.
pal mi tate (pal'mi-tăt). A salt of palmitic acid.
palmitic acid (pal-mit'ik). A common saturated fatty aced occurring in palm oil and olive oil as well as many other futs and waxes; the end product of mammalian fatty acid synthase. sris hexadecanoic acid.
palmi tin (palmi-tin). The triglyceride of palmitic acid occirring in palm oil. syn tripalmitio.
pal-mit-ole ic acid (pal'mi tō fē̉ik). 9 Hexadecenoic seid, a monounsaturated 16 -carbon acid; one of the common constituents of the tiacylglycerols of human adipose tissue. SyN zoomaric acid.
pal mityl al co hol (pal'mi til). syn cety alcolol.
pal-mod-ic (pal-mod'ik). Relating to palmus (1).
pal-mos co py (pal-mos'kö-pē). Examination of the cardiac pitsation. [G. palmos, pulsation, + skopeo, to examine]
pal-mus, pl. pal'mi (pal'mŭs, -mi). 1. syn facial tic. 2. Rhylimie fibrillary contractions in a muscle. SEe atso jumping disease: 3 . The heart beat. [G. palmos, pulsation, quivering]
pal pa-ble (pal'pä-bl). 1. Perceptible to touch; capable of being palpated. 2. Evident; plain. [see palpation]
pal-pate (pal'pat). To examine by feeling and pressing with the palms of the hands and the fingers.
Epal pation (pal-pä'shün). 1. Examination with the hands, feeling for organs, masses, or infiltration of a part of the body, fecling the heart or pulse beat, vibrations in the chest, etc. 2. Touching feeling, or perceiving by the sense of touch. IL. palpatio, ff palpo, pp. -atus, to touch, stroke]

palpation of liver
bimanual $p$., use of both hands to feel organs or masses. cepe-
neuromuscular r., an agent, e.g., curare or succinylcholine, that produces relaxation of striated muscle by interruption of transmission of nervous impulses at the myoneural junction.
nondepolarizing $r$., an agent, e.g., tubocurarine, that paralyzes skeletal muscle without depolarization of the motor endplate, as in phase II block.
smooth muscle $r$, an agent, such as an antispasmodic, bronchodilator, or vasodilator, that reduces the tension or tone of smooth (involuntary) muscle.
re-lax-a tion (re-lak-sä'shŭn). 1. Loosening, lengthening, or lessening of tension in a muscle. 2. In nuclear magnetic resonance, $t$, is the decay in magnetization of protons after the direction of the surrounding magnetic field is changed; the different rates of $r$. for individual nuclei and tissues are used to provide contrast in imaging. [L. relaxatio (see relax)]
cardioesophageal r., r. of the lower esophageal sphincter, which can allow reflux of acidic gastric contents into the lower esophagus, producing esophagitis.
isometric r., decrease in tension of a muscle while the length remains constant because of fixation of the ends.
isovolumetric r., SYN isovolumic i.
isovolumic r., that part of the cardiac cycle between the time of aortic valve closure and mitral opening, during which the ventricular muscle decreases its tension without lengthening so that ventricular volume remains unaltered; the heart is never precisely isovolumetric (vs. isovolumic) except during long diastoles with a midiastolic period of diastasis. syn isovolumetric r.
longitudinal r., in nuclear magnetic resonance, the return of the magnetic dipoles of the hydrogen nuelei (magnetization vector) to equilibrium parallel to the magnetic field, after they have been flipped $90^{\circ}$; varies in rate in different tissues, taking up to 15 s for water. SEe TI. syn spin-lattice r, spin-spin r.
spin-lattice r., SIN longitudinal r
spin-spin r., SYN longitudinal r.
transverse r., in nuclear magnetic resonance, the decay of the nuclear magnetization vector at right angles to the magnetic field after the $90^{\circ}$ pulse is turned off; the signal is called free induction decay. SEe T2; Cf. longitudinal r.
re-lax in (rē-lak'sin). A polypeptide hormone secreted by the corpora lutea of mammalian species during pregnancy. Facilitates the birth process by causing a softening and lengthening of the pubic symphysis and cervix; it also inhibits contraction of the uterus and may play a role in timing of parturition. syn cervilaxin, ovarian hormone, releasin. [relax + -in]
re-learning (rē-lern'ing). The process of regaining a skill or ability that has been partially or entirely lost; savings involved in r., as compared with original learning, give an index of the degree of retention.
re-leas-in. syn relaxin.
re-li a bility (rë-lī-ă-bilíitē). The degree of stability exhibited when a measurement is repeated under identical conditions. SEE correlation coefficient, reliability coefficient. [M.E. relien, fr. O.Fr. relier, fr. L. religo, to bind]
equivalent form r., in psychology, the consistency of measurement based on the correlation between scores on two similar forms of the same test taken by the same individual. SEF Al So reliability coefficient.
interjudge r., in psychology, the consistency of measurement obtained when different jitges or examiners independently ad minster the same test to the same individual. syn interrater I.
interrater $r$., syv interiudge .
test-retest $r$., in psychology, the consistency of measurement based on the correlation between test and retest scores for the same individual. SEE ALSO coefficient, reliability.
re-lief (re-lef'). 1. Removal of pain or distress, physical or mental. 2. In dentistry, reduction or elimination of pressure from a specific area under a denture base. see also relief area, relief chamber. [see relieve]
relieve (relev'). To free wholly or partly from pain or discom-
re.line (rélin'). In dentistry, to resurface the tissue side of a denture with new base material to make it fit more accurately. ster also rebase.
REM 1. Acronym for rapid eye movements, under movement, 2. Acronym for reticular erythematous mucinosis. SEE REM shidrome.
rem Abbreviation for roentgen-equivalent-man.
Remak, Robert, Polish-German anatomist and histologist, 1815 1865. see R. nuclear division, fibers, under fiber, ganglia, under
ganglion, plexus.

Remak, Ernst J., German neurologist, 1848-1911. SEE R. refle, sign.
re.me.di a ble (ré-médè-ă-bl). Curable. [L. remediabilis, fi: remedio, to cure]
re-me.di al (rè-médē-ăl). Curative or acting as a remedy.
rem e dy (rem'é-dē). An agent that cures disease or alleviates is symptoms. [L, remedium, fr. re, again, + medeor, cure $]$
re-miner alilza tion (rémin'er-ăli-zäshün). 1. The retuin to the body or a local area of necessary minerat constituents lost through disease or dietary deficiencies; commonly used in referring to the content of calcium salts in bone. 2. In dentistry, a process enhanced by the presence of fluoride whereby partially decalcified enamel, dentin, and cementum become recalcified by mineral replacement.
rem.i-nis cence (rem-i-nis'sens). In the psychology of learring. an improvement in recall, over that shown on the last triat, of incompletely learned material after an interval without practice. [L. reminiscentiae, from reminiscor, to remember]
re-mis sion (re-mishün). 1. Abatement or lessening in severity of the symptoms of a disease. 2. The period during which such abatement occurs. $[$. remissio, fr. re-mitto, pp. -nissus, to send back, slacken, relax]
spontaneous r., disappearance of symptoms without formal treatment.
re mit (rë-mit'). To become less severe for a time without abso. lutely ceasing. [see remission]
re.mit.tence (re-mit'ens). A temporary amelioration, withour actual cessation, of symptoms.
re-mit tent (rē-mit'ent). Characterized by temporary periods of abatement of the symptoms of a disease.
rem-nant (rem'nant). Something remaining, a residue or vestige:
[O. Fr., fr. remaindre, to remain, fr. L. remaneo]
re-mod el ing (ré-mod'el-ing). 1. A cyclic process by which bone maintains a dynamic steady state through sequential resorption and formation of a small amount of bone at the same site; unlike the process of modeling, the size and shape of remodeled bone remain unchanged. 2. Any process of reshaping or reorganizing.
heart chamber r., an architectural change in any cardiac chamber (usually one or both ventricles) due to a pathologic or normal (neonatal) stimulus.
ren, gen. re:nis, pl. re.nes (ren, rénis, rénez). syn kidncy, [L.] re nal (rén năl). Syn nephric.
re nat ur ation (rē-nā-tū-rā'shŭn). The conversion of a denatured and inactive macromolecule back to its natured and bioactive configuration.
renculus (reńkoo-lŭs). 1. syn contical lubules of kidney, unier lobilte. 2. syn reniculus (2).
Rendu, Henti JI.M. French physician, 1844 1902. ser R-Osler-Weber syndrome.
STreni- sef reno-
reni cap-sule (ren'-kap'sool). The capsule of the kidney, Irent+ L. capsula, capsule]
renicar diac (rení-kar'dè-ak). syn cardiorenal. [reni- +0. kardia, heatt]
re nic ulus, pl. re-nic-uli (re-nik'i-lŭs, -hi). 1. syv contest lobules of kidney, under lobule. 2. A lobe of the human felt! kidney and that of some lower animals in which fibrous septt subdivide the organ sxn renculus (2), renmeulus (2). [L. dint of

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