February 2009

plain language **thesaurus**



for Health Communications

NATIONAL CENTER FOR HEALTH MARKETING





Plain Language Thesaurus For Health Communications

This *Plain Language Thesaurus* has been put together by the Centers for Disease Control and Prevention's National Center for Health Marketing. Our aim is to help make health information clear and easy to understand.

This thesaurus offers plain language equivalents to medical terms, phrases, and references that we often use. The technical terms found in health information can be confusing. This thesaurus is a tool to help you find words that people may understand better.

While the plain language choices given here may not have the specific nuances of meaning that technical terms have, they offer the possibility for better understanding by your audience. With plain language equivalents, it is more important to be understood than to be medically precise.

Precise medical terminology is vital when communicating to those with a technical background. But the public often stumbles over such terms and misunderstands their meaning. This is especially a concern for people who do not speak English as their first language and those without strong reading skills. Reaching your audience–on their terms–is the main goal of plain language.

This is a living document. It is intended to be refined and to grow as more health communicators and experts add words, topics, health conditions, and synonyms. We have started the process of building this tool by defining the scope, format, and broad categories of terms to be included. Excellent existing resources and glossaries from CDC, HHS, universities were reviewed for terms and subject areas. Key sources included

- www.pandemicflu.gov glossary
- CDC Community Strategy for Pandemic Influenza Mitigation glossary
- National Immunization Program Glossary http://www.cdc.gov/vaccines/about/terms/glossary.htm
- *Simple Words and Phrases* thesaurus at plainlanguage.gov
- *Clear Language and Design* (CLAD) thesaurus http://www.eastendliteracy.on.ca/ClearLanguageAndDesign/thesaurus/
- Harvard's three *Plain Language Glossaries* (one for asthma, lupus, and arthritis).

The foundation for the terms in this initial edition was formed when preparing information for the public health threats of an influenza pandemic. We have also included other categories of disease and health conditions to provide a tool that can be referenced to make any health topic more easily understandable.

We invite you to suggest additional terms, plain language synonyms, and topics to be added in future editions. For more information, please contact Sarah Gregory at CDC by email at sgg7@CDC.GOV.

Α

abscess sore, wound, infection

abdomen stomach, stomach area, belly, tummy, abdominal

ability

skill, are able, can

abolish end, do away with, get rid of

abrasion cut, scratch, scrape

absenteeism missing work or school, how often you miss work or school

absorption take in, soak up

accelerate hurry, speed up, make worse, make more severe

accessible available, on hand, understandable, usable (handicapped)

accommodate

house, let stay with, give shelter, adjust, adapt

accompany go with, take with (medicine)

accomplish do, finish

accumulate add up, gather, collect

accurate true, right, correct

acellular vaccine a vaccine that only contains part of the virus

Acquired Immune Deficiency Syndrome-AIDS

a disease that makes it hard for your body to fight diseases

active immunity

being able to fight off a specific disease once you have had that disease

acute

sudden start, short term, quick

additional extra, added, more

adequate enough, the right amount

adhere stick, follow

adjacent beside, next to, near, touching

adjuvant something added to a vaccine to make it work better

administer give, manage, take care of

adverse event something bad that happens, bad reaction, unexpected or unwanted effects

adverse health effect bad side effect, bad reaction

adverse bad, dangerous, hurtful, harmful

advise tell, warn, say

advocacy support, fighting on behalf of, arguing for support

advocate fight for, support, support person

aerobic exercise

exercise; slow and steady exercise like walking, running, biking, swimming, etc.; exercise that helps your heart stay healthy and work better; exercise that gets your heart pumping; exercise that makes you breath faster

aerobic needs oxygen

aerosol

spray, mist

agency other groups, partner

aggravate make worse, harm, anger, hurt

aggregate

taken together, looked at all together, total, sum, combined

aggressive

pushy, dangerous, gets worse fast, fast growing

airways

windpipe, breathing, tubes that take air in from the nose and mouth to the lungs, pathway from nose and mouth to lungs, air tubes

alienate

push away, put by itself, turn away from, set apart

allergen

something like pollen that causes the body to react by sneezing or forming a rash; something that causes an allergic reaction

allergic

the body's reaction to something, like pollen, resulting in sneezing, sniffling, a rash, etc.

allergic reaction

bad reaction, possibly deadly reaction, allergy, problem

allergist

allergy doctor

allergy

reaction, itch, rash, hives, breathing problem

alleviate

lessen, ease, soften, improve, make better

alopecia

hair loss, balding, loss of hair

alteration

change, shift, adjustment

alternate

take turns, one and then the other, rotate

alternative

option, another choice, other, different way, another option, different, another way

alveoli

tiny air sacs in the lungs

amalgam or amalgam fillings

silver-colored fillings, mixture of mercury, silver, tin, copper and sometimes other metals used to fill cavities in teeth

amalgamate

put together, join, combine, unite

ambulate

walk, move around

ambulatory

can walk, mobile, able to move about, walking, able to walk

ameliorate make better, improve, lessen, ease

amend change, change later on, adjust, fix

amnesia forgetfulness, memory loss, not being able to remember

amniocentesis test for a baby's health before it's born

amniotic fluid water, fluid surrounding unborn baby in womb

amyotrophic lateral sclerosis Lou Gehrig's Disease, motor neuron disease

anaerobic exercise exercise, fast-burst exercise, muscle-building exercise like weight lifting

anaerobic needs lack of oxygen, without oxygen

analgesic pain reliever, aspirin, Advil, or Tylenol

anaphylaxis

shock, a sudden and severe allergic reaction, stop breathing, poisoning, life threatening allergic reaction

anemia

tired, low iron, a low blood count

anesthesia

numbing drug, drug that puts you to sleep or puts you under

angina

chest pain

annual

yearly, every year, once every year, once a year, each year

annually

yearly, every year, once every year, once a year, each year

anomaly

defect, change, difference, unusual, exception

anorexia

eating disorder, too thin, not hungry

anterior teeth

front teeth

antibiotic

drug, medicine, drug that fights bacteria, infection-fighting medicine, medicine that fights infection

antibody

your body's way to fight off infections, infection-fighting cells, cells that fight infection

antifungal agent

drug to treat fungus infections

antigen

germ, bacteria, virus, poison, something in your body that your body tries to fight off, something that helps your body fight disease

anti-inflammatory

a drug to reduce swelling, something that reduces swelling and pain, aspirin, cortisone, a drug that brings down the swelling; drug that prevents swelling

antiphospholipid

antibody test a test to see if you're at risk for blood clots

antiviral medicine, drug that fights viruses

anti-virus medicine

medicine, drug that fight viruses like the flu

anxiety

fear, worry

appellant

name, name of the person, you, person making an appeal

aphasic

not able to talk or understand words

applicant

your name, name of the person, person who is applying

apply

use, put on, rub onto, sign up for

appreciate thank, be grateful

appropriate take, take over, a good fit, proper, right

approximate

about, guess, around, near, close, estimate, bring together

aptitude

ability, skill, gift, talent

aqueous

watery

arguably

maybe, perhaps, possibly, could be

arrhythmia

irregular heartbeat, skipped heartbeat, heart problem

arthralgia

pain, pain in your joints

arthritis

pain in joints; disease of the joints that causes swelling, pain, heat, and a sense of stiffness

ascertain

find, find out, learn, make certain

asphyxiate choke, smother, suffocate

aspiration choke, breathe in a fluid, take out fluid or tissue to test

assess

review, sum up, evaluate, to determine value, find

assist

help, aid

association group, relation, organization

asthma

disease, breathing disease; long term disease of swelling of the airways of the lungs; lung disease where you have trouble breathing; disease of lungs or respiratory system

asymptomatic infection

when you're sick, but you don't feel bad, no symptoms

asymptomatic

someone who is sick but does not feel or look sick

at the present time now, right now

ataxic not able to coordinate movement

atherosclerosis

hardening of the arteries, clogged blood vessels

attack

violent start, suddenly overcome by a disease, begin to harm

attempt

try, effort attenuated vaccine vaccine, vaccine that has a weakened form of the virus in it

attire

clothes, clothing, to dress, wear

authentic

original, real, true, actual

authority

trusted source, trusted person, official, power **authorize** allow, approve, give the power to, let

autism

brain disorder, illness that makes it hard for someone to talk to other people

autoimmune disease

disease that makes your body attack itself

autoimmunity

body fighting itself, rejecting problem with your immune system

autonomous

free, by itself, independent

avail help, aid

available

on hand, at hand, ready, nearby, handy, ready

avian flu bird flu

avoid do not, shun

axilla armoit

armpit

В

bacteria

germ

become more familiar

learn more about...

benign

harmless

bereavement

grief after death, loss, sadness, mourning

beverage

drink, fluids, liquids

biannual

twice a year, two times every year

biennial

lasting two years, happening every other year, every two years

bilateral

with both sides considered, two-sided, when both sides get a say, even, balanced; on both sides

biological agent

disease, poison, germs, bacteria, viruses, fungi

biofilms (plaque)

sticky film with germs on teeth

biopsy

take tissue (usually for testing)

bioterrorism

spreading virus or disease to cause fear or hurt

biota

plants and animals

BMI

body mass index, a measure of body fat based on height and weight, a measure of body fat

bona fide

real, true

bone density test

bone strength test, a test of how solid and how strong your bones are; test for osteoporosis, xray test for brittle bones

bone marrow

area (or the space) inside your bones where blood cells are made

booster shot

shot you get months or years after your vaccine shot, shot to keep you safe from

disease

brachial neuritis swelling of the nerves in your arms

bradycardia slow heartbeat

breakthrough infection getting a disease even though you've been protected against it

breastfeeding nursing/feeding a baby with milk from the breast

breech birth baby born feet or rear-end first

bronchial tubes the tubes letting air in and out of the lungs

bronchodilator medicine, drug that helps you breathe easier

bruxism clinching and/or grinding teeth

buccal side of mouth, inside cheek

bursitis swollen, painful joints, disease that causes joint pain

by means of by, using, with

by which time by then; when

С

calculus hard crusty deposit on teeth

capacity size, amount something holds, ability, space, number open

carcinogen cancer-causing

carcinoma cancer starting in the skin or organ lining

cardiologist

heart doctor

cardiology medical department that treats heart problems

cardiovascular having to do with the heart and blood vessels

caries (dental) cavities, tooth decay, holes in teeth

carrier

someone who is sick and can get other people sick; animal that is sick and can make other animals sick

cartilage the smooth covering on the end of bones

case fatality ratio how many people die from a disease

CAT scan (CT scan) test that shows inside body parts, scan, special x-ray, test

cataracts

a clouding of the eye that makes it hard for people to see, cloudy eyesight, cloudy vision, eye disease

catheter

tube

catastrophe

disaster, tragedy

causal association

causes, leads to, can cause causes your body to react

cauterize

burn the skin, burn tissue (to stop bleeding)

cease end, stop, quit

censure blame, punish, limit

Centers for Disease Control and Prevention CDC

central nervous system brain and spinal cord

cerebral hemorrhage stroke, bleeding in the brain cerebrovascular disease stroke

cerumen earwax

cervix lower part of the womb

Cesarean delivery C-section, baby born through surgery, cut abdomen area to get baby out

cessation stopping, quitting, ending

characteristic mark, trait, feature

characterize tell about, describe, define

chemotherapy cancer drug, cancer medicine, cancer treatment

chronic

constant, never ending, does not go away, long term, lasting a long time, long-lasting

chronic disease

long-lasting disease, disease that lasts for years

chronic health condition

constant health problem, something that effects your health for a long period of time

chronic obstructive pulmonary disease

lung disease, such as asthma or emphysema

circulation blood flow, flow of blood through the body

circumstance event, situation, facts

clade group of animals that can all get the same disease

clavicle collar bone

cleft lip and/or palate

harelip, birth defect(s) that affect the upper lip and roof of the mouth

client

you, name of person, customer

clinical work, studies, a medical setting that involves patients

clinical medical, work or studies in a medical setting that involve patients

clinical trial clinical research study, medical research study

clinically ill sick, diseased

close proximity near, near by, close, close to

coagulate clot, set, clump together

coerce force, make, press

cognizant aware, know about, think of, have learned

colic stomach pain, sick, fussy or upset baby

collaborate work together, team up, help each other

colonoscopy

check your colon, check your intestines, look inside your intestine, check for colon cancer

comatose in a coma

combination mix, mixture

combination vaccine a vaccine that helps stop more than one type of disease

commence start, begin

communicable catching, can be spread, can be passed to other people, can make other people sick

communicate tell, say, call, write, talk to

community immunity

group protection from a disease

comparable like, similar, almost the same as, equal to

compensate make up, pay, reward

competent skillful, able, well trained

complete finish, fill out, end

completion end, finish, no more

complimentary free

comply do, follow, give in, obey, go along with

component part, section

composite or composite filling tooth-colored filling

comprehensive

complete, covers everything important, thorough, all

compress squeeze, press down on

comprise be made up of, include,

compromised weakened

compulsion want, urge, desire, drive

conceive imagine, think up, become pregnant, create

concentration strength, focus

concerning about, for, on

conclude

end, finish, judge, deem,

conclusive definite, final, last,

concur agree, feel the same way

condition a medical problem, a disease, an illness

conditioning physical training, training your body, fitness

conduct do, carry on, run, lead

congenital born with, inborn, there at birth

conjugate vaccine a specific type of vaccine

conjunctivitis eye infection, pink eye, swelling and redness around your eyes

conscientious careful, thoughtful, alert,

consequently so, which means that, as a result

consistent stays the same

conspicuous plain to see, obvious, easy to see

constitute made of, form, make up

construct make, build

consult talk with, ask, talk to, see, meet, opinion, discuss

consume eat, drink, use up

contact talk to, call, write, talk with, get in touch with, touch

contagious disease

illness that spreads to others, disease that you can give to other people, disease that can make other people sick

contagious

catching, spreading, able to make others sick, spreadable, a disease that can be spread from one person to another; someone who is sick and might make you sick too, sick

contain have, keep together, hold

contaminant pollutant, poison, harmful ingredient, harmful chemical

contaminate spoil, infect, dirty, poison, pollute, taint, get dirty

contemplate think about, consider, ponder

continue to keep on, still, remain

contraceptive birth control

contract arrange, agree, make smaller and shorter

contraindication

dangerous to give, not good for, when a drug or procedure may be harmful, wrong, opposite

contribute help, give, volunteer

control manage, have power over, take care of

contusion bruise

convenient easy to use, on hand, handy, useful

convulsion seizure, spasm, shaking

co-operate help, work together, assist

COPD

Chronic Obstructive Pulmonary Disease, emphysema, a lung disease that makes breathing hard

coronary heart disease

heart disease

coronary thrombosis heart attack, blood clot in a blood vessel in the heart

correspond agree with, match, write, email, go with

corroborate confirm, agree with,

corticosteroids asthma drug, asthma medicine

cot death SIDS, sudden infant death syndrome

cough etiquette how to cough or sneeze

countermeasures drugs to help fight sickness; flu shots; vaccines

crib death SIDS, sudden infant death syndrome

criterion sign, standard

Crohn's Disease digestion disease, problem with bowels

crossbite upper teeth are biting inside the lower teeth

crown (gold, porcelain or stainless steel) cap that covers tooth (stainless steel most often used on "baby teeth")

cure heal, fix, make better; make completely better

currently now, at this moment, right now

cushingoid signs of high doses of medicine, drug

cutaneous skin related, about the skin, on the surface, skin

cyst pus under your skin, boil, cancer cells, lump

cystitis bladder infection, pain when you pee

D

dander flakes of skin, cradle cap

deceased dead, passed away, died

deciduous tooth baby tooth

decompose decay, rot, break down

decontaminate clean, kill germs, disinfect, purify, sterilize

decrease take less, cut back, drop, lower, fall, lessen, make less

deficiency lack, not enough

deficient lacking, not enough, poor

deformity

a change from the normal shape, not normal, not a normal shape, oddly shaped

degenerative weaken, worsen, decline, decay, droop

dehydrate need water, water loss, remove water, remove water

deltoid arm muscle, muscle in upper arm

dementia memory loss that gets worse over time, Alzheimer's

demonstrate prove, show

demyelinating disorder nerve disease

dental caries cavities, tooth decay, holes in teeth dental implant fake tooth drilled into jaw bone

dental sealant (pit and fissure sealant) thin layer of plastic painted onto teeth to prevent decay

dentin main bone-like part of a tooth

deoxygenated no oxygen, without oxygen

deplete empty, take all of, reduce, sap, lessen

dermal related to the skin, skin related

dermatologist skin doctor

dermatology skin doctor's office, study of the skin

designate call, label, name

detect find, discover

deteriorate get worse, fall apart, become unusable,

determine figure out, decide, find out, test

detrimental bad, harmful, dangerous

develop create, change, grow

developmental disability physical or mental disability, challenged, learning problem

deviate stray, change, take a different path

diabetes diabetes, disease with too much sugar in the blood, problem with making food into energy

diabetic person with diabetes

diagnose

test, find out, figure out, learn cause, name

diagnosis

finding out the cause of an illness, condition, disease, medical answer

diarrhea diseases

diarrhea

difficulties

problems, trouble

dilate

become wider, become larger, become bigger, open

dilator

something used to make something become larger, wider, or bigger

dilute

weaken, make weaker, add liquid, make less strong

dimension size, width, height or length

diminish make smaller, become less, take less, ebb

diminutive small, tiny, very little, petite

diplopia double vision

directed to told

discharge going home, leaving

disclose show, tell, uncover

discoid shaped like a disk, round and flat

discoloration

change in color, not the color it normally is, odd color

discontinue stop, end, quit

discuss talk about, talk with, talk over disease illness, sickness

disguise hide

disorder condition, illness, medical problem

display show

dissemination (disseminate) spread, distribute, send out, make available

distal back of

distinguish tell apart, set apart

distribute hand out, give, spread, mail

DNA genes

domicile home, house

donate to give

donation gift, present

don't be alarmed don't worry

dose amount of medicine, chemical, or radiation; amount, size

drowsy

sleepy

due to the fact that... because, due to

dust fine, dry earth, powdery dirt

dwelling home, house

dysarthria

slurred speech

dyspepsia indigestion, heartburn

dysphagia swallowing disorder, swallowing problem

Ε

early childhood caries (ECC) baby bottle tooth decay, tooth decay in infants

economical cheap, low cost, low priced

edema swelling

edentulous no teeth effect result, cause

effective works well, good, strong

efficacy rate how well something works

EHR (Electronic Health Record)

synonymous with EMR (Electronic Medical Record) which is a digitally formatted medical record

EKG

heart test, test of your heart

electrocardiogram (EKG or ECG) heart test, EKG

electrolytes blood salts, a type of necessary salt found in blood

elevate raise, lift, make higher

eliminate stop, end, drop, get rid of

emaciated very thin, starving embolism

blood clot

embryo unborn baby (up to 12 weeks)

emergency emergency, urgent, threat, disaster, crisis

emphasize stress, point out, highlight

emphysema a lung disease, Chronic Obstructive Pulmonary Disease (COPD)

EMR (Electronic Medical Record) chart, medical records, computer medical record; medical record in a digital format

enamel hard covering on outside of tooth

encephalitis swollen brain, brain swelling, swelling of the brain

encephalopathy brain dysfunction

encourage urge

endeavor try, attempt

endocrine hormone system

endodontic treatment of root canal for diseased nerve in tooth

enhance add to, improve

environment all the things around you in your daily life, at home and at work, world around you, your home

environmental control removing harmful things from your home and work; doing something to improve the space you live in and the air you breathe

epidemic disease that most people get, widespread sickness

epidemiology disease study epidermis skin

episode event, set amount of time, attack, brief time

epizootic widespread disease in animals

equilibrium balance

equivalent of equal to

erosions small pits, small holes in teeth or bones

erythematosus

red rash on the face

escalate worsen, make worse, get worse, increase, grow, rise

ESR a blood test

estrogen female hormone, woman's hormone

etiology the cause of

evident plain to see, visible, seen

exacerbate worsen, make worse

excess rate how many people become seriously sick during a pandemic

excessive too much, more than needed

excise cut out, cut off

exert work hard, push, struggle, exercise

exertion effort, work exhale breathe out

exhibit show, display

expectorate spit, cough, spit out

experience feel, have, go through

expertise knowledge, skill, know-how, training

exposure around, contact, come in contact with

expressive language speaking, saying words or sentences

extend make longer

extremely very

F

facilitate make easier, help

factor cause, reason

failed to did not

family history health information about your close relatives

fallacy error, myth, not true

fast go without any food or drink, not eat or drink anything

fatigue tired, weak feeling of the whole body, feeling tired all over

feasible

possible, doable, workable, can be done, can do

febrile

caused by a fever, feverish

fertility

ability to have a baby

fetus

unborn baby (12 weeks to birth)

finalize

complete, end, finish, settle

flare

a period of time when symptoms of a disease are worse, when your disease hurts more than normal

flexible moving easily, stretch easily, bend and stretch without hurting; bendable, able to bend

fluctuate

change, rise and fall, go back and forth from high to low, not steady

following after

fracture break

frequently often, commonly, normally, regularly, many times

fundamental basic, real

G

gamete sex cell, egg or sperm

general anesthesia put to "sleep"

generation time time needed for disease to spread from one person to another

genetics

family traits, science or study of family traits, study of blood relatives

genital area

genital area, privates, [name specific reproductive body parts]

Genital Herpes Simplex

Herpes (sores) in the genital area

gestation

pregnancy

gingiva

gums

gingivectomy

gum surgery, remove or reshape gums to remove space between teeth and gums

gingivitis

inflammation of the gums

glaucoma

eye disease, increased eye pressure; an eye disease that can lead to blindness

glucose

sugar, energy, blood sugar

gradually slowly, over time

gravid pregnant

Guillain-Barre Syndrome GBS; a disease that makes it hard to move

Η

H5N1 bird flu virus

Haemophilus influenzae type b (Hib) a lung disease

hallucinate see things that are not there

hand hygiene hand washing

hazard hazard, harmful, danger

hazardous harmful, bad, dangerous, risky hazardous waste harmful trash like used needles, bloody tissues, etc.

hematocrit (hct) amount of red blood cells in the blood

hematocrit test blood test, a test that counts your red blood cells

hematological related to the blood and blood forming organs

hematuria blood in the urine

hemodialysis use of a machine to clean your blood

hemoglobin A1C a test to show your blood sugar levels over the last 3 months

hepatic related to the liver

hepatitis A disease that you get from drinking bad water or eating bad food, impaired liver

hepatitis B disease that you get from someone else's blood or from unsafe sex, impaired liver

hepatitis C

liver disease that you get from someone else's blood or unsafe sex, impaired liver

hepatitis D

virus that can only be found in your blood if you also have hepatitis B, impaired liver

hepatitis E

disease that you get from drinking bad water or from eating bad food, a disease not found in the United States, impaired liver

herd immunity group protection from disease, community immunity

herpes simplex

cold sores, virus

herpes zoster

shingles, a disease that causes painful sores on your skin

high risk

dangerous, good chance something will happen

highly

very probably, most likely, will probably happen

hives

rash; red, itchy swellings on your skin

Hodgkin's disease

lymph node cancer

homologous similar, like, alike

hormone

chemical, natural or manmade chemical that effects your growth, chemicals that help different parts of your body know how they should work

host person; animal

HPAI a dangerous bird flu

HPV a virus that may cause cervical and/or oral cancer

humidify to moisten air

hyperglycemia high blood sugar

hyperlipidemia

high cholesterol

hypertensive heart disease high blood pressure

hypersensitivity strong reaction

hypertension high blood pressure

hypoglycemia low blood sugar

hyposensitivity weak reaction

hypotension low blood pressure

hysterectomy

surgery to remove the womb

identical same, exactly the same, similar, alike

illness rate or clinical attack rate

number of sick people; (Use a ratio like "3 in every 10 New Yorkers are sick" or a percentage like "30 percent of all Floridians are sick.")

illustrate show, draw, picture

immediately at once, right away, now

immerse put completely in, completely cover

immune globulin

something in your blood that helps fight disease

immune

protected from, resistant to

immunity protection from disease, ability to fight off an illness

immunization

getting a vaccine (shot); vaccine, vaccination

immunize

to protect again disease, usually by a shot

immunological related to the immune system

immunosuppression when your body can't fight disease

immunotherapy medical treatment that helps your body fight off diseases

impaction

teeth pressing together, teeth not visible above sum line

impaired

not normal/something is wrong

impede get in the way, slow

imperative important, pressing, urgent **imperceptible** hard to see, hidden; can't be seen

implement start, begin, put into action; carry out;

inability not able to

in excess of more than

inevitable likely, will happen

insert put, put into

institute start

instructed told, taught

in the absence of without

in the course of during, in

in the event of if

in utero in the womb, in the uterus

in vitro

out of the body, outside the body, laboratory grown, in a test tube

in vivo within the body, inside the body grown inside animal

inaccuracy error, mistake, chance that there is a mistake

inactive vaccine

a vaccine that uses germs that have been killed

inadvertently without meaning to

inadvisable risky, not smart, may be dangerous

inapparent infection

when you are sick but you don't feel bad

incidence

how many people get sick, number of sick people

incident of national significance

national emergency

incipient beginning, starting

incise cut

incision cut

incisors front teeth, front "biting" teeth, fangs

inclement harsh, extreme, dangerous

incorrect wrong, not true, false

increase add to, raise

incubation period

the length of time a disease is in someone's body before they feel or look sick

indicate suggest, point to, show

indication sign, signal, symptom

indigenous local to, comes from, native

individual person, you, man, woman, one

inexpensive cheap, low cost, low priced

infant baby

infect disease spread by germ or virus, to get sick, to make someone sick, to spread a disease

infection

disease, illness, sickness, virus, bug, illness caused by germs, a sickness you get from germs, control how to stop sickness

infectious agent

virus, germs, something that makes you sick, disease, flu, parasite

infectious

something that can spread disease

infertile

sterile, unable to have a baby, unable to become pregnant

inflame make hot, red, or swollen; swollen

inflammation swelling, injury, sore

inflammatory bowel disease

digestive system disease, intestinal problems

influenza flu, a virus

inform tell

information information, to learn more

infusion

put fluids or drugs directly into your blood

ingestion eating, drinking, swallowing

inhalation breathing, breathing in

inhale breathe in, take a breath

inhaler

breathing medicine/drug, asthma medicine, device that helps give medicine into the breathing tubes

inherent natural, built in, native

inherit acquire, get, obtain, be left

inheritance from parents, passing from parent to child inhibit check, bar, forbid, stop, slow

initial first, earliest, basic

inject/injection shot

injection shot, to give medicine by needle, booster, dose

innocuous safe

inquire ask

instrument tool, device

insufficient not enough, too little, failing, poor

insulin blood sugar

integrate combine with, make part of, mix

intention goal, aim, desire, end, plan, purpose

internal organs inside parts of your body (heart, lungs, stomach, kidneys, etc.)

interrupt stop, break

intervention care

intrauterine device IUD, birth control

intravenous (IV) into your vein; into your blood stream, putting drugs or fluids directly into your blood

investigational vaccine vaccine still being tested

irrefutable certain, final, obvious, proven

irritable

sensitive, complaining, grouchy, testy

irritant

bother; pain, pest, problem

isolate

a specific type of virus; a specific type of flu

isolation of ill people

staying away from people who are sick; keeping sick people at home

J

jaundice skin and eyes turn yellow

joint

where bones come together, bone connection

Κ

kidney organ that filters blood

L

lacerate ragged cut, tear

laceration ragged cut, tear

lesion cut, injury, wound, sore

ligament bone connector, joint tissue

lingual on the tongue

live vaccine a vaccine that has a weakened form of the virus in it

local anesthesia

drug that causes numbing only in the area of the body where the drug is put by

spreading it or with a shot

localized in a small area, only in one place

locate find, place, settle, turn up

location place, spot

long-term for a long time, over a long period of time

lower respiratory infection pneumonia

lung function measure of how strong your lungs are

lungs breathing organs

lymphatic related to the lymph system

lymphocytes white blood cells, lymph cells

lymphoma cancer of lymphatic system

Μ

macrophage disease-fighting cell

macular a spot on your cornea; eye disease, blindness

magnitude extent, size, how serious

maintain take care of, keep, keep up

mammogram breast health test, breast check

malignant cancer

malignant tumor cancer, tumor, mass

malocclusion crowded teeth, misaligned teeth, crossbite, overbite, underbite, open bite

manage control, direct, be in charge of, take care of, watch

mandible lower jaw

manifest clear, plain, evident, show

mask hide

mastectomy breast cancer surgery; surgery to remove your breast

maxilla upper jaw

maximum the largest possible, the most

medication drug, pill, medicine

medicine drug, medication

melanoma skin cancer

memory cell a cell that helps your body quickly fight diseases that you've gotten before

menopause

women's "change of life", the change, time in a woman's life when her periods stops, no longer have periods

menstruation period

mental health condition mental disorder, mental illness

mentality frame of mind, mind, outlook, feeling

mesial front of

metabolism

process of getting energy from food, converting food into energy

mg

milligram

microbes

very tiny fungi, sometimes viruses, that are too small too see; bacteria, protozoa

might qualify might get

migrate move, travel

migration moving, transfer, traveling

mild gentle, not severe, slight, small

mildew fungus that grow in damp warm areas

minimal least, small, smallest

minimize make smaller, make less, lessen, reduce

miniscule very small, tiny

miscarriage lose the baby, miscarry

mites very tiny, spider-like, animals that cause allergies and skin rashes

mitigate make less harmful, soften, lessen, reduce

mobility ability to move

moderate medium, mild, controllable

modify change

molars back teeth, back "grinding" teeth

mold growth on food and damp surfaces

monitor watch, check on, watch for changes, device that measures changes

morbidity diseased, sick, ill

mortality death

mortality rate number of deaths

motor vehicle accident car crash

MRSA bacteria that resists antibiotics

mucosal (mucus) membranes soft, moist areas just inside the openings to your body

mucus phlegm, nose fluid, mouth fluid, throat coating

multiple sclerosis central nervous system disease, MS

muscle contraction muscle twitch, movement

mutagen cause

mutation change over time, change, difference, different

myocardial infarction heart attack

Ν

narcotic addictive pain medicine, drug

nebulizer asthma medicine mister

necessary needed negligent careless, lax, not careful

neonatal death infant death, death in the first month of life

neonatal newborn, baby for first month of life

neonatologist baby doctor, baby doctor for preemies

nephrology study of kidney problems

neuraminidase enzyme on the surface of the virus

neuritis swelling of a nerve

neurologic relating to the nervous system, brain or spinal cord

neurological related to the brain and nervous system

neurology study of the nervous system

neuropathy disease of the nervous system

neutralize cancel, stop, offset

nominal small, not important, token, cheap, not costly

nonpharmaceutical intervention

ways to stop the spread of illness without drugs, such as hand washing, covering sneezes, closing schools, etc.

nosocomial an infection you catch in the hospital

notification notice

noxious dangerous, poisonous

nutrition

food, meal, diet, healthy food

nutritious wholesome, food that is good for you, healthy eating, healthy food

0

obesity dangerously overweight, too heavy

objective goal, end

obscure hidden, unclear, blur, confuse

observation close look, remark, watching, sighting

observe look closely, watch, see, detect, find, notice, see

obstetrician pregnancy doctor

obstruct block, stop

obstruction barrier, block, hurdle

obtain

get

obvious clear, plain, easy to see

occasionally sometimes, not often, once in a while

occlusal chewing or grinding surface of back teeth

occupation job, work

occupational therapist someone who helps people who are sick or injured learn or relearn activities of daily life

occupational therapy therapy that helps you relearn everyday activities

occur

happen, take place, result

occurrence

event

on an empty stomach

do not eat or drink

open bite

upper and lower front teeth do not touch even when mouth is closed and/or back teeth are touching

opportunistic infection

infection you get because you're already weak

optic neuritis eye disease, disease of the eyes

optimal/optimum best, best way

option choice, way

oral mouth and jaw

oral consent you say it is OK for the doctor to do a test or procedure

oral medication medication you swallow

oral surgery mouth operation, mouth surgery, teeth operation

orchitis side effect of mumps

originate start, begin, create

orthodontic braces, teeth straightening

orthopedic surgeon bone and joint doctor

orthopedic's bone and joint doctor's office

orthotic support or brace ossification bone formation, hard, stiff

osteonecrosis bone death

osteoporosis brittle bones

otitis media middle ear infection

outbreak beginning, start, onset

outermost farthest, top

ova/ovum egg/eggs, a woman's egg/eggs

overabundance too much, excess

overbite front upper teeth overlap lower teeth, "bucktoothed"

Ρ

palatable pleasing, tasty, good

palate roof of mouth

pandemic flu deadly flu, fast and wide-spread flu

pandemic vaccine pandemic flu vaccine

panzootic

a flu pandemic in animals, a deadly flu pandemic in animals, fast and wide-spread flu in animals

papule small red dot on your skin, skin rash

paralysis can't move parameter limit, factor, value

paramount most important

parasite animal or plant living off another animal or plant

participate take part, join, share

passive immunity temporary disease protection from mother, disease protection from vaccine

pathogen germ, virus, disease-causing agent

pathogenic disease causing

peak flow meter small tool used to measure how fast you can blow out air

peak flow the fastest you can blow out air

pediatrician baby doctor; children's doctor

pedodontic (pediatric dentistry) children's dentistry

pending coming, until, waiting on something or someone

perforation hole

perform do, carry out, act

pericarditis heart inflammation, swelling of the tissue covering the heart

perinatal near the time of birth

perinatal death death around birth, stillborn

perinatologist high-risk pregnancy doctor, doctor for pregnancy at risk

periodontal disease (periodontitis)

gum disease

periodontic treatment of gum disease and related bone loss

periphery edge, boundary, outside

peritoneum lining of your stomach, belly, tummy

permanent lasting, long term, forever

permit allow, let

permutation change

persevere hold on, keep at, last, keep trying, not give up

persistent there all the time, constant, doesn't go away, not giving up

personal protective equipment (PPE)

gowns, face shields, gloves, face masks, and respirators, hearing protection, protective clothing

personnel people, staff

perspire sweat

persuade convince, talk into, win over, urge

pertinent fitting, important

petechiae tiny red or purple spot on your skin,

pharmacist druggist, drug dispenser

photosensitive sun-sensitive, sensitive to the sun

physical/physically body, bodily, real

physical activity of the body, exercise, movement

physical examination check-up, doctor's appointment

physical therapist someone who treats pain and weakness by exercise

physical therapy treatment of pain and weakness through exercise

physician doctor

pica craving, dirt or clay eating, unusual appetite; eating materials that are not food

pictographs symbols (examples below)

Hospital	Ambulance Entrance	Cardiology	Care Staff Area
Chapel	Diabetes (Education)	EMERGENCY Emergency	Family Practice Clinic
Immunizations	Infectious Disease	Intensive Care	Internal Medicine
Interpretive Services	Laboratory	Mammography	Medical Records
OB Clinic	OB/Gyn (Obstetrics/Gynecology)	Oncology	Outpatient
Pediatrics	Pharmacy	Physical Therapy	Radiology



Stairs-Up	Escalator	Escalator-Down	Escalator-Up
Elevator	Cashier	First Ald	Lost and Found
Coat Check	Mail	Litter Disposal	No Dogs
Barbershop - Beauty Salon	Barbershop	Beauty Salon	Bar
Shops	Currency Exchange	Ticket Purchase	Waiting Room
Air Transportation	Arriving Flights	Departing Flights	Heliport

Taxi	Bus	Ground Transportation	Rail Transportation
Water Transportation	Car Rental	Baggage Lockers	Baggage Check
Customs	Immigration	Hotel Information	No Entry
Exit	Right Arrow	Forward and Right Arrow	Up Arrow
Forward and Left Arrow	Left Arrow	Left and Down Arrow	Down Arrow
Right and Down Arrow			

PID

Pelvic inflammatory disease

pigmentation

color

pit and fissure sealant (dental sealant) thin layer of plastic painted onto teeth to prevent decay

placebo

sugar pill, drug with no active ingredient and will cause no effect

placed

put

placenta organ that attaches umbilical cord to the inside of the womb

plaque sticky film with germs on teeth

platelet blood clotting cell

pleurisy lung inflammation

pneumonia lung infection

PO

taken by mouth, eat or drink

podiatry

treating feet problems, medical care for feet, foot doctor

poliomyelitis

polio; a disease that can make you unable to move

pollute dirty, poison, taint, spoil

polysaccharide vaccines sugar vaccines

polyurethane plastic

plastic

portion piece, amount, part, serving

position job, rank, class, grade

possess

have, own

possibility chance

posterior teeth back teeth

post-exposure prophylaxis

drug given to someone who has been near someone sick, prevention drug, drugs to prevent the spread of disease

post-partum depression

baby blues, overwhelmed, depressed, unexplained sadness after having baby

postpone put off, wait, delay

potency strength, force, power, level, dose

precaution safeguard, caution, guard, care

predicament problem, bad situation, plight, difficulty

pregnancy pregnant, expecting a baby

preliminary early, not final, initial

pre-pandemic vaccine pandemic flu or deadly flu vaccine; shot

preparedness

readiness, alertness, to be ready, to prepare, be prepared, planned

prepuce foreskin

prerogative right, choice

prescriber doctor, nurse, any medical person who is licensed to write prescriptions

prescription doctors orders, medicine, drug order,

present give, send, now, show, here

prevalence

number of sick people, spread, disease spread, number, figure

prevent

stop, keep from happening, forbid, bar, keep

preventive

(i.e.; preventive services) practices that help keep you well

prevention

stop, bar, not permitted, not allowed, to avoid ill effects

primary teeth

baby teeth, first teeth

principal

main, first, head, chief, most important

prior to

before

probability chance, likelihood

proximal near to, close, area closer to the center of the body

procedure

steps, method, course of action, how-to, way, test

proceed

go, move forward

prodromal signs of disease or attack

proficient skilled, experienced, able, apt

progression move forward, go on, get worse, advance

prohibit ban, forbid, prevent

projectile flying object, fast object, thrown object

proliferate grow, spread, reproduce

prophylactic pregnancy prevention drug, sickness prevention drug, birth control, condom

prophylaxis prevention, protection

prophylaxis (dental, oral)

basic teeth cleaning

prostate

gland in male body that makes semen

prostatitis infection of the prostate

prosthodontic treatment using crowns, bridges, partials and/or dentures

protocol way of doing things, method, standard, step-by-step process, rules, code

provide give, offer, send, supply

provider professional, insurer

provoke make worse, cause, anger, annoy

proximal near to, close, area closer to the center of the body

psoriasis a dry, scaly, skin rash

psoriatic arthritis

joint swelling disease with skin rash

psychiatrist

mental health doctor, shrink

psychiatry study of mental health

PSA prostate test, prostate check

PTSD

problem with fear after seeing or having a fearful event, flashbacks of negative experience

public health everyone's health, our health, health of the community as a whole

puff a short, gentle burst; a small breath

pulmonary

related to the lungs

pulmonary cancer cancer of lung, trachea, bronchus

pulmonary care unit lung disease treatment area of hospital

pulmonary fibrosis lung disease, scarring of lung tissue, shortness of breath

pulmonologist lung doctor

pulmonology study of lung disease

pulp tooth nerve

pulpectomy remove nerve from tooth

pulpitis infection of nerve inside tooth

pulpotomy take out the nerve from a tooth

purchase buy

purulent pus

pyrexia fever

Q

qualified suited, capable; has the education to perform, license to perform

quarantine

isolate, staying away from other people, staying home by yourself

R

RA rheumatoid arthritis, disease of joints

radiation energy, rays, waves, heat

radioisotope medicine, special medicine, drug or radioactive tracer

radiologist

a doctor who studies x-rays and other images, x-ray specialist, x-ray doctor

radiology x-ray department

radionuclide medicine, special medicine or drug

rampant unchecked, raging, uncontrolled

rapid diagnostic test fast result test, quickly check if someone is sick

rationale reason, thinking, intent, purpose

Raynaud's syndrome circulatory disease

reaction a response

reassortment change, new type of virus

receive get, admit, welcome

receptive language understanding

recipient person who gets something

recognize accept, know, see, find

recombinant new gene combination

recommend advise, suggest, urge, says

recover get better, feel better, heal recrudescence relapse, to get sick again

recuperate get better, feel better, get well, recover

recur come back, get again, happen again

reduce lower, cut, trim, dilute

redundant extra, not needed, excess, surplus, spare

refills number of times one can get more medicine from the drugstore without going back to the doctor

reflux spit up, backward flow of body fluid

regarding about

regimen diet, plan, program

register sign up, sign in **regular** usual, normal, everyday, common

regulate control, restrict, watch over, govern

regulation rule, law

rehabilitate get better, restore

reimburse pay back, refund

reinforce make stronger, brace, support

reiterate repeat, say again

relief feel better, ease, not as bad, less painful, more comfortable

relieve ease, make better, soothe, rest

remission when a disease is not active

renal related to the kidney

request ask for, beg

require need, ask for

requirements needs, regulations

rescind cancel, take away

resemble look like, take after, match

reside be in, live in

residence home, apartment, house

Residual Seizure Disorder seizures, sudden attack, brain problem

respiration breathing, taking in oxygen

respiratory therapist breathing therapist

respite rest, relief, quiet time

respond answer, react to

restoration filling, fix a tooth, tooth replacement

restrain hold back, stop

restrict limit,stop restrictions limitations, changes

retain keep

retrieve get, bring back, get back

return go back

reveal show, tell

review go over, check;

Reye's Syndrome brain disease in children

rheumatoid arthritis disease of joints, joint swelling

rheumatologist joint, bone, and immune system doctor

rheumatology study of the immune system, joints, and bones

rigorous hard

risk reduction lowering the chances, making less likely

risk chance

root canal remove the nerve from inside the root of a permanent tooth

root planing and scaling deep tooth cleaning

Rotavirus germ causing stomach flu

Rubella German measles

Rubeola measles rupture break, burst, break open

S

sanitary clean, germ free, healthful

sanitize clean, wash, clean up, make germ-free, disinfect

SC subcutaneously, shot into fat, injection into fat

scaling and root planing removal of hard and soft deposits from teeth above and below gums

Scarlatina scarlet fever

schedule plan, planning a time to do something

sealant (pit and fissure, dental) thin layer of plastic painted onto teeth to prevent decay

seasonal influenza common flu; winter flu

second- and third-order effects things that happen as a result of your actions

sector group, community, neighborhood

sedentary inactive, sitting a lot, couch potato

segment part, piece

seizure fit of uncontrolled movements

sensation feeling

sensitive easily hurt, easy to damage, sore

seroconversion

becoming immune, reacting against disease, fighting disease

serology

study of blood strength

serosurvey

test to see how likely you are to get a disease

several

many

severe

strong, serious, harmful, dangerous, very bad

severity

how bad

shift

change

shortness of breath

difficulty catching breath, difficult breathing

side effect reaction, reaction to a medicine

significant big, serious, important

similar

like

situated placed, located

Sjogren's syndrome

dry eyes and mouth

skull

head bones, bones that protect the brain

social distancing stay at home; keep away from people

socialize make friends, talk with people, meet people

solicit

ask for

soreness hurt, pain, ache

spasm

sudden, strong muscle tightening, jerk, painful twist

species

group of plants or animals, same type, alike

spirometer

breathing test, breath strength machine, breath strength indicator

spontaneous

unplanned, sudden

sprain

muscle injury, muscle tear

stable

okay, no change, constant, even, unchanging

stamina strength, endurance

state of readiness ready, now ready, prepared

state say, tell, condition

status state, condition

sterile unable to have children, clean

steroid

medicine, drug to lessen swelling, illegal sports drugs

stigma

mark, spot, blemish, embarrassment

stimulate

excite, stir up, activate

strain

type of germ, type of animal, type of plant

stress

physical strain, mental strain, pressure, worry

stringent strict, tight, controlled

subclinical infection minor illness

submit

give, hand in, send

subsequent following, next, later

subsequently after that, later, afterward

substance chemical, material, matter, stuff

Sudden Infant Death Syndrome (SIDS) crib death; sudden, unexplained death of a baby

suffice be enough

sufficient enough, plenty, ample

suffocate choke, smother, not able to breathe

summon call for, request

sun protection factor sunscreen, sun block

superficial not important, not harmful, slight

supersede replace, take the place of

supplement add to, in addition to, additive, vitamins

supply give, budget, fund, pool, source, kitty

suppress hold back, stop, slow down

surge capacity being able to offer more services in an emergency, ability to expand

surgery operation

surgical mask face mask, mask

surveillance keep a close eye on, watch closely, monitor **susceptible** more open to, in danger of getting, likely to get

sutures stitches

symptom sign (of disease or sickness), indicator, warning

syndrome illness, sickness, condition

synthesis summary, make, take up

synthesize combine, form, summarize

systematic planned out, orderly, regular

Systemic Lupus Erythematosus immune system disease

systemic throughout your body, in all parts of your body

Т

tallus heel

taper reduce, slow, lower, shrink, decrease

tartar crust on teeth, plaque

telework work from home

temperature heat, fever

temporal association when two things happen at the same time but aren't actually related to each other

temporary short, brief teratogenic something that can hurt your baby before he is born

terminal deadly, fatal

terminate stop, end

testosterone male hormone

tetanus disease affecting muscles

therapeutic healing, improving, getting better

therapy treatment

therefore so

thimerosal drug or vaccine preservative

third molars wisdom teeth, last teeth to come into mouth

thrombus clot

time period time

titer blood test

titrate to change the dose/level of a medicine

topical on the surface, on the skin, on the body

toxicology study of harmful materials

toxin poison, pollution

transform change, alter transparent clear, see-through

transpire happen, take place

transverse myelitis of the spine, back disease

traumatic shocking, upsetting

treat give care, take care of, cure, heal

treatment action, medicine, therapy

tremor shaking, trembling

trigger cause, start, bring on, lead to

trimester three months, three month's time

tuberculosis TB, lung disease

tumor growth, lump

U

ulcer open sore, canker

ulterior secondary, hidden, alternate, further

ultimate final, last

umbilicus belly button, navel

underbite lower teeth extend past upper front teeth

understand

know, to get

unfavorable bad, harmful, damaging, unwanted

unnecessary not needed, needless

upper respiratory system nose, throat, and windpipe

urinate pee

urticaria hives, itch, rash on your skin

until such time until

use caution be careful

uterus womb

utilize use, make use of

UVA UV light, sunlight

UVB UV light, sunlight

V

vaccinate to protect against disease, usually by a shot

Vaccine Adverse Event Reporting System VAERS, a way for doctors to make sure that vaccines aren't hurting anyone

Vaccine Safety Datalink Project VSD, a way for doctors to learn more about vaccines

vaccine shot, flu shot, medicine, immunization

vague unclear, not for sure, not certain validate prove, test

validity truth, proof

variant version, slightly different

Varicella chicken pox, herpes zoster

variola smallpox

vary change, shift

vehicle car, truck, bus, automobile

verbatim exact, word for word

verify check, find out

vesicular blisters, small bumps on your skin

viable able to live, usable, can be used

vicinity area, location

viral shedding coughing and sneezing

viremia viruses in the blood

virulence strength; harm; how harmful; how dangerous the disease is

virulent strong, dangerous

virus germ

vital important, imperative, crucial

voluminous

large, bulky

voluntary

your choice; on your own; without being forced

vomit

throw up, upchuck, emesis

W

waning immunity not immune any more; more likel to get sick; lost your disease resistance

warning sign sign of trouble; problem; alert

waterfowl water birds; birds that live on water; ducks, geese, and swans

wheeze breathing problem, difficulty breathing; gasp; gag; pant

whereas while, but

white spot lesion

white spot on tooth, beginning decay

whooping cough

disease of the lungs that is very easily spread to others

withhold

deny, keep from, hold back, refuse

withstand take, bear, resist

witness see, note, observe

Χ

x-ray picture of your bones; picture of your insides

Ζ

zoonoses

diseases that people can get from animals; diseases that are passed between animals and people