

Suffixes:

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|---------|---------|
| - itis | –osis |
| - oma | –iatria |
| –iasis | -lysis |
| – ismus | |
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Suffix **-itis** – inflammation

- **itis, itidis, f**

means **inflammatory process or disease/inflammation.**

e.g. *arthritis* – inflammation of joints

hepatitis – inflammation of the liver

NB! There is one more word which doesn't follow this pattern.

pneumonia – lung inflammation

Suffix – oma – tumor

– **oma, atis, n**

means tumor, new growth.

e.g. *osteoma* – **bone tumor**

lipoma – **fat/adipose tissue tumor**

Suffix – iasis – disease

–**iasis**, **is**, **f**

means disease (without specifying its origin).

e.g. ***lithiasis*** – **stone disease**

(when stones form in different organs, e.g. kidneys).

(“*lithus*” is a “stone” in Greek)

cholelithiasis – **stones in the biliary tract (or gallbladder).**

Suffix – ismus – disease, pathology

– **ismus, i, m**

means the presence of characteristics named by the stem of the word.

e.g. *infantilismus* – this is a pathology when an adult behaves childish/childish characteristic of an adult.

Suffix – osis – disease, condition, pathological process

–osis, is, f

It has several meanings.

I. Degenerative, non-inflammatory or chronic disease

It occurs in the pattern:

1.1. Organ/body part + -osis non-inflammatory, degenerative, chronic disease

e.g. *arthrosis* – non-inflammatory, chronic disease of joints

1.2. Substance/causative agent/pathogen + -osis disease caused by this causative agent/substance

e.g. *toxycosis* – a disease caused by toxic substances

ascaridosis – a disease caused by ascarides

(worms, which may inhabit both human organisms and animals)

Suffix – **osis** – disease, condition,
pathological process

II. The 2nd meaning can be subdivided into 2 meanings as well:

2.1. Names of blood cells/cells + -osis - increased number/high count of blood cells

e.g. *leucocytosis* – increased number of white blood cells
white blood cell

2.2. tumour + -osis - proliferation/enlargement/growth (of tumor)

e.g. *lipomatosis* – proliferative (big, enlarged) fat tumor

Suffix – **osis** – disease, condition,
pathological process

III. Process or its result.

describe properties + -osis

e.g. *sclerosis* – getting harder/hardening
hard

stenosis – getting narrower/narrowing
narrow

necrosis - dying
dead

Suffix – **lysis** – operation, condition

-lysis

It has several meanings:

1.1. When “**lysis**” is added to the name of the substance or fluid it means “**destruction of smth.**”

e.g. *haemolysis* – **destruction of blood cells**

1.2. When “**lysis**” is added to the name of an organ, it means “**operation on this organ for eliminating adhesions, scars, etc.**”

e.g. *cardiolysis* – **operation on the heart for eliminating any adhesions, scars.**

1.3. When “**lysis**” is added to some phenomenon, it means “**stopping/cessation of this**”

e.g. *spasmolysis* – **stopping of spasms (involuntary contraction of muscles).**

Suffix –iatria – treatment

Mind the words with –iatria.

e.g. *paediatrics* – treatment of children

geriatrics – treatment of old people

psychiatrics – treatment of mentally sick people

phthisiatrics – treatment of infectious diseases of lungs (e.g. TB).

If we want to say about a doctor, we add – iater: *paediatrician*

psychiatrist

phthisician

In other cases if we want to say about science, we add – logia: *cardiology*,

pulmonology

And for naming doctors we use –logus: *cardiologist*,

pulmonologist