

**High-dose exposure**

(Exposed to a large amount of radiation)

**Low-dose exposure**

(Exposed to a small amount of radiation)

**Acute exposure**

(Radiation exposure on one occasion or in a short time)

**Chronic exposure**

(Radiation exposure over a long period of time)

Skin injury,  
nausea, hair  
loss?Acute disorders  
appear when having  
been exposed to a  
large amount of  
radiation in a short  
time.

Physical effects of radiation depend on the amount of exposure, not on whether a person is ever exposed to radiation.

Whether any significant effects appear in the human body due to having been exposed to radiation depends on whether it is internal exposure or external exposure, whole-body exposure or local exposure, or which part was exposed in the case of local exposure, the amount of radiation, or the duration of exposure.

Types and levels of radiation effects on the human body can be ascertained more accurately when there is more information available.

Included in this reference material on March 31, 2013

Updated on March 31, 2019