

Safety

19 Do you know about the risk of radiation?

Radiation can be separated into 2 types, natural radiation from the universe and man-made radiation. What can create radiation include radioactive materials and instruments.

Radioactive materials are substances which mainly create radiation α beam which is blocked by a piece of paper, β beam which is blocked by several mm of aluminum plate, and gamma radiation which is blocked by 10cm of lead plate due to high penetrating power.

The other hand, instruments mainly create X-ray.

There are vulnerable places to affect by radiation due to researches and medicals in the university. It is necessary to have special knowledge and techniques when using radiation. Keep out the places where being used radiation with no reason.

In order to avoid health problems by radiation, it is important to observe laws and rules regarding radiation and learn those knowledge and techniques from an expert.

There are vulnerable places to sustain health damage by radiation in the university. Take the lesson from teaching staff and observe the rule when using radiation.