Medical group
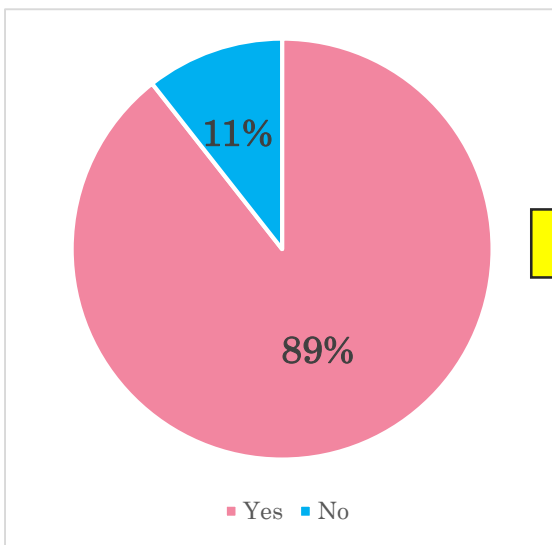
3－1（34)D Hosoya Miho

In order to examine the actual conditions of image processing surrounding patients, we sent a questionnaire.

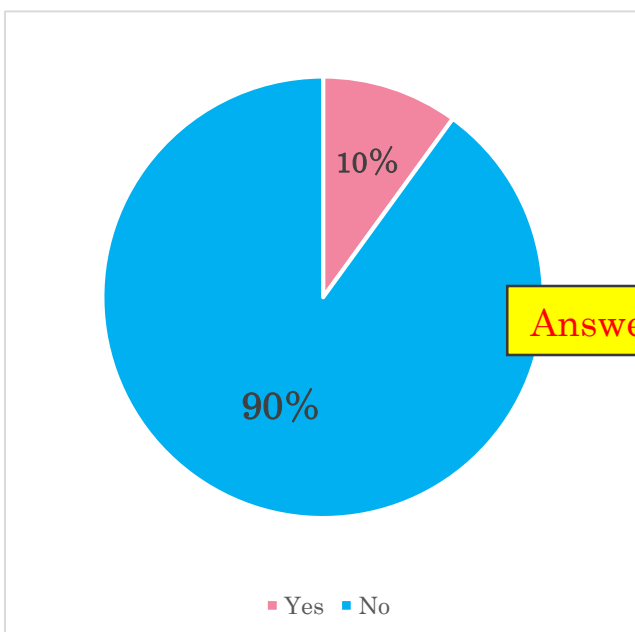In Google classroom to first and second year students in our school.

〇List of questions are below

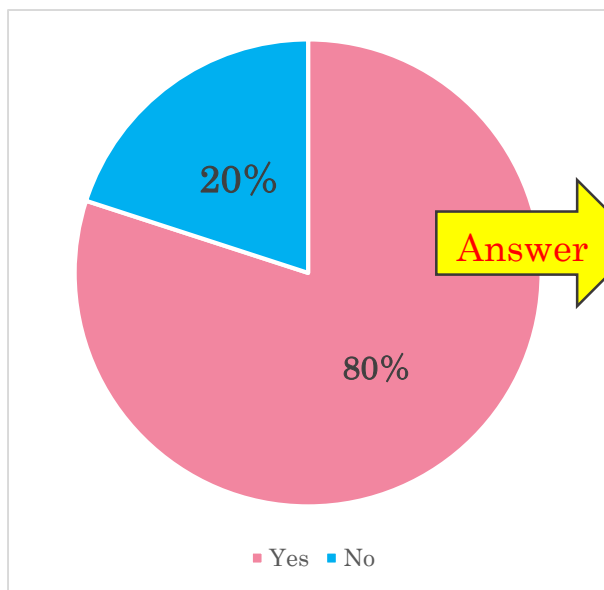## Q1　Have you ever made a diagnosis with image processing machine？

11%

89%

■ Yes　■ No

Answer

People who have received image processing

occupied about 90％ of all.

Q2 Have you received explanation by a radiologist？

10%

90%

■ Yes　■ No

Answer

More than 80％ of people did not

explanation in advance.

Q3 Did you feel psychological anxiety?

Answer

A3, People who felt fear occupied about 10% of all people who have received image processing.
For example, some people were afraid of a dark room, machine sounds and being alone in examination room.
Other people felt scared of using MRI because he were a claustrophobic.

Conclusion

All things considered, we concluded that we do not need to develop a new machine. However, medical workers should explain the inference of radiation beforehand. Furthermore, we suggest using opend-MRI to remove fears of patients like claustrophobic and young. Lastly, we want to continue learning about image processing to offer all the patients better treatment.

Website   references

- National Research and Development Agency

- Japan Atomic Energy Agency

- Ministry of the Environment

- Tokyo Metropolitan Health and Hospitals Corporation

- Tokyo Metropolitan Cancer Detection Center

- KUKI Medical Clinic

- Shioya Digestiveorgan Internal Cutdacyn Clinic