

Appendix 1. Questionnaire

Question No	Question
1	What is your specialty in medicine? Please write
2	How old are you? Please write
3	How many years have you been working as a doctor? Please write
4	What is your title in your speciality medicine? a) Specialist doctor b) Research assistant c) General practitioner
5	Do you think you have sufficient knowledge about radiation doses? a) Yes b) No
6	In your judgment, the radiation dose of a standard thoracic CT examination equals how many chest X-rays? a) 10 b) 50 c) 100 d) 500 e) 1000
7	How long do you think one PA chest X-ray corresponds to a daily average amount of radiation in nature (cosmic rays, earth and underground sources, etc.)? a) 1 day b) 3 day c) 7 day d) 15 day
8	How long do you think one abdomen CT scan corresponds to a daily average amount of radiation in nature (cosmic rays, earth and underground sources, etc.)? a) 6 month b) 1 year c) 2 year d) 4 year
9	In general, how many CT scans do you request per month? Please write
10	Do you inform patients about radiation when requesting a radiation-containing examination? a) No b) Yes
11	When you request CT, do patients ask you about radiation dose or harm? a) No (please go to question 13) b) Yes
12	When you request CT, how often do patients ask you about radiation dose or harm ? a) Rarely b) Sometimes c) Often
13	Do you check patients' previous examinations when requesting examinations containing radiation? a) No b) Yes
14	Is your CT request affected if more than ten CTs have been requested in the last two years? a) No b) Yes
15	If less than ten CTs have been requested in the last two years, do you make the CT request easier? a) No b) Yes
16	If the hospital system displays the patients' two-year dose history while making a request, would this cause you to reconsider making a request in patients who have received high doses? a) No b) Yes
17	What are the factors that affect your request while making a CT request? (You can select multiple options) a) Indication b) Patient's age c) Patient's demand d) Patient density e) Concern about doing malpractice f) Concern about not being able to diagnose g) Other (Please write.....)
18	Do you request CT even though there is no clinical indication? a) No (please go to question 18) b) Yes
19	Why do you request CT even though there is no clinical indication? (You can select multiple options) a) Patient's demand b) Patient density c) Concern about doing malpractice d) Concern about not being able to diagnose e) Desire to complete diagnosis quickly f) Length of US and MR appointment times g) Other (Please write.....)
20	What do you think should be done to prevent non-indication CT? (You can select multiple options) a) Patient education and patient demand reduction b) Educating physicians about the radiation dose of CT c) By reducing patient density and allowing physicians adequate time for examination d) Appointment times for radiological examinations can be shortened e) Other (Please write.....)