

A Survey on Students' Knowledge of Radiation Protection

1. I am a student of:

- a/ 1st year
- b/ 2nd year
- b/ 3rd year
- c/ 4th year
- d/ 5th year

2. I am studying at:

- a/ medical faculty
- b/ physiotherapy
- c/ nursing
- d/ radiography
- e/ paramedic

3. Where did you obtain knowledge about radiation protection during medical procedures using ionizing radiation?

- a/ during classes at the university
- b/ from scientific journals
- c/ from public media
- d/ I was not interested in this topic

4. Who do you think is particularly sensitive to the adverse effects of ionizing radiation?

- a/ children
- b/ adults
- c/ people over 65
- d/ age doesn't matter

5. Organs that are particularly sensitive to radioactivity are: (multiple choices possible):

- a/ eye lens
- b/ kidneys
- c/ gonads
- d/ bone marrow

e/ muscles

f/ stomach

5. Methods of protection against ionizing radiation: (multiple selection possible):

a/ lead aprons

b/ distance from radiation source

c/ carbohydrate-rich diet

d/ dosimeters

e/ Faraday cage

6. What is the absorbed dose (per single chest X-ray) that a patient receives during the following types of imaging examinations? Mark the correct answer with X

No.	Type of imaging exam	0	1-9	10-49	50-99	100-199	200-299	300-399	400-499
0	Chest X-ray		X						
1	Abdominal X-ray			X					
2	Lumbar spine x-ray			X					
3	Double contrast barium enema				X				
4	Limb arteriography					X			
5	Head CT exam without and after contrast			X					
6	Chest CT exam with and without contrast					X			
7	Abdominal CT exam with and without contrast							X	
8	Voiding cystourethrography (VCUG)				X				
9	Abdominal ultrasound exam	X							
10	Lower limb doppler exam	X							
11	Thyroid scintigraphy			X					
12	Brain MRI with and without contrast	X							
13	Mammography			X					