**Clinical radiotherapy application in vunerable patients 2023**

1. Palliative radiotherapy - general aspects of application.

2. Specificities of the radiotherapy application in the geriatric population.

3. Specificities of the radiotherapy application in the pediatric population.

4. Radiation toxicity (type, manifestations).

5. Emergency conditions in radiotherapy.

6. Radiotherapy of secondary tumors of the central nervous system.

7. Palliative radiotherapy of the chest.

8. Late side effects of radiotherapy in the pediatric population.

9. Craniospinal radiotherapy.

10. Risk factors for the occurrence of acute and chronic radiation toxicity.

11. Criteria for assessing the presence and intensity of radiotherapy side effects.

12. Combined treatment modalities and radiation toxicity.