

№ЛД-16-ИИ

Federal State Budgetary Educational Institution
higher education
"North Ossetian State Medical Academy"
Ministry of Health of the Russian Federation
(FGBOU VO SOGMA Ministry OF HEALTH OF Russia)

Department of Radiation Diagnostics with Radiation Therapy and Oncology

METHODOLOGICAL MATERIALS

" Radiation Therapy "

the main professional educational program of higher education - the specialist's program
on 31.05.01 General Medicine , approved on 03/30/2022

LIST OF METHODOLOGICAL MATERIALS:

(with the application of all methodological materials of the department for the discipline)

1. Physical basis of radiation diagnostics
2. Physical foundations of radiology. Radioactivity, Radioactive radiation, their characteristics. Radionuclide diagnostics
3. Radiation diagnosis of lung diseases
4. Radiation diagnostics of the heart and blood vessels
5. Radiation diagnosis of diseases of the esophagus, stomach, intestines
6. Radiation diagnosis of diseases of the urinary system, liver and biliary tract, and the reproductive system of a woman
7. Radiation diagnosis of diseases of the pancreas and spleen, spinal cord and brain
8. Technological basis of radiation therapy. Radiation therapy of malignant tumors, body's response to radiation treatment.
9. Biological basis of radiation therapy. Classification and planning of radiation therapy.