



مرکز پزشکی، آموزشی و درمانی کوشر



دانشگاه علوم پزشکی خدمات بهداشتی درمانی کرمان

## Nuclear Medicine

Radioisotope materials are used for imaging function and anatomy of body. Nuclear medicine center of Kowsar hospital is equipped with Siemens SYMBIA Evo Excel (Model 2018), one of the most state-of-the-art nuclear medicine imaging machines in the world. SPECT imaging technique is used for diagnosing services.

List of services:

1. ECG Gated scan (perfusion, viability, EF calculation, ...)
2. Lungs perfusion and ventilation scan (VQ scan)
3. Bone scan
4. Renal and urinary tracts scan like DMSA, DTPA, DRNC, EC
5. Gastric system scan (salvation glands, esophageal transit, esophageal vacuum, gastric evacuation, liver, splenagia, liver hemangioma, gall bladder perforation, HIDA)

6. Gastrointestinal bleeding scan with Tc-RBC radio medicine, diverticular scan,
7. Brain scan (perfusion, cisternography, brain shunt survey, trodat scan
8. Thyroid and parathyroid scan tests
9. Whole body scan with gallium and thallium radio medicines, MRIB, DMSA
10. Iodine scan test, MIBG
11. Lymphoscintigraphy
12. Bone mass density test

Radioisotope treatment services:

1. <sup>131</sup>I iodine thyroid elective treatment
2. Palliative treatment of bone metastatic cancers with radio medicines like samarium and lutetium