

**Radionuclides and Radio-Nuclide Generators commonly used in Nuclear Medicine**

<b>List of Radio-nuclides</b>		
	<b>Radionuclide</b>	<b>Half-life</b>
1	Fluorine-18	110 min
2	Iodine-131	8 days
3	Lutetium-177	6.7 days
4	Phosphorus-32	14 days
5	Chromium -51	28 days
6	Iodine-125	60 days
7	Iron-59	46 days
8	Rhenium-186	3.8 days
9	Samarium-153	47 hours
10	Strontium-89	50 days
11	Yttrium-90	64 hours
12	Cobalt-57	272 days
13	Copper-64	13 hours
14	Gallium-67	78 hours
15	Indium-111	2.8 days
16	Iodine-123	13 hours
17	Thallium-201	73 hours
18	Actinium-225	10 days

<b>List of Radio-nuclide Generators</b>			
	<b>Generators</b>	<b>Parent/ daughter</b>	<b>Half-life</b>
1	Molybdenum-99	Parent	66 hours
	Technicium-99m	Daughter	6 hours
2	Tungsten-188	Parent	69.4 days
	Rhenium-188	Daughter	17 days
3	Germanium-68	Parent	271 days
	Gallium-68	Daughter	68 min
4	Strontium-82	Parent	25 days
	Rubidium-82	Daughter	1.26 min