

***Primary: Comparison of <sup>68</sup>Ga-DOTATOC PET/CT vs <sup>99m</sup>Tc-Tektrotyd SPECT-CT***

**Comparison of <sup>68</sup>Ga-DOTATOC PET/CT vs <sup>99m</sup>Tc-Tektrotyd SPECT in the detection of global tumor (M1) – Number of lesions**

	<sup>99m</sup> Tc-Tektrotyd SPECT					p-value
<sup>68</sup> Ga-DOTATOC PET/CT	<5	5-10	10-20	>20	Total	0.002
<5	4 (80)	1 (20)	0	0	5 (16.7)	
5-10	3 (75)	1 (25)	0	3	14 (13.3)	
10-20	4 (80)	1 (20)	0	0	5 (16.7)	
>20	1 (6.3)	5 (31.3)	9 (56.3)	1 (6.3)	16 (53.3)	
Total	12 (40)	8 (26.7)	9 (30)	1 (3.3)	30 (100)	

**Comparison of <sup>68</sup>Ga-DOTATOC PET/CT vs <sup>99m</sup>Tc-Tektrotyd SPECT in the detection of liver tumor lesions**

	<sup>99m</sup> Tc-Tektrotyd SPECT				p-value
<sup>68</sup> Ga-DOTATOC PET/CT	<5	5-10	10-20	Total	0.004
<5	8 (88.9)	1 (11.1)	0	9 (30)	
5-10	3 (100)	0	0	3 (10)	
10-20	2 (66.7)	1 (33.3)	0	3 (10)	
>20	1 (6.7)	8 (53.3)	6 (40)	15 (50)	
Total	14 (46.7)	10 (33.3)	6 (20)	30 (100)	

**Comparison of <sup>68</sup>Ga-DOTATOC PET/CT vs <sup>99m</sup>Tc-Tektrotyd SPECT in the detection of infra-nodal lesions**

	<sup>99m</sup> Tc-Tektrotyd SPECT		p-value
<sup>68</sup> Ga-DOTATOC PET/CT	<5	Total	0.05
<5	24 (100)	24 (80)	
5-10	5 (100)	5 (16.7)	

	<sup>99m</sup> Tc-Tektrotyd SPECT		p-value
10-20	1 (100)	1 (3.3)	
Total	30 (100)	30 (100)	

**Comparison of <sup>68</sup>Ga-DOTATOC PET/CT vs <sup>99m</sup>Tc-Tektrotyd SPECT in the detection of supra-nodal lesions**

	<sup>99m</sup> Tc-Tektrotyd SPECT		p-value
<b><sup>68</sup>Ga-DOTATOC PET/CT</b>	<5	Total	0.046
<5	26 (100)	26 (86.7)	
5-10	4 (100)	4 (13.3)	
Total	30 (100)	30 (100)	

**Comparison of <sup>68</sup>Ga-DOTATOC PET/CT vs <sup>99m</sup>Tc-Tektrotyd SPECT in the detection of lung lesions**

	<sup>99m</sup> Tc-Tektrotyd SPECT		p-value
<b><sup>68</sup>Ga-DOTATOC PET/CT</b>	<5	Total	0.317
<5	29 (100)	29 (96.7)	
>20	1 (100)	1 (3.3)	
Total	30 (100)	30 (100)	

**Comparison of <sup>68</sup>Ga-DOTA PET/CT vs <sup>99m</sup>Tc-Tektrotyd SPECT in the detection of bone lesions**

	<sup>99m</sup> Tc-Tektrotyd SPECT				p-value
<b><sup>68</sup>Ga-DOTATOC PET/CT</b>	<5	5-10	10-20	Total	0.261
<5	25 (100)	0 (0)	0 (0)	25 (83.3)	

	<sup>99m</sup> Tc-Tektrotyd SPECT				p-value
5-10	2 (100)	0 (0)	0 (0)	2 (6.7)	
10-20	0 (100)	0 (0)	1 (100)	1 (3.3)	
>20	0 (0)	1 (50)	1 (50)	2 (6.7)	
Total	30 (100)	1 (33.3)	2 (6.7)	30 (100)	

**Comparison of <sup>68</sup>Ga-DOTATOC PET/CT vs <sup>99m</sup>Tc-Tektrotyd SPECT in the detection of soft tissue lesions**

	<sup>99m</sup> Tc-Tektrotyd SPECT		p-value
<sup>68</sup> Ga-DOTATOC PET/CT	<5	Total	0.223
<5	27 (100)	27 (90)	
5-10	2 (100)	2 (6.7)	
>20	1 (100)	1 (3.3)	
Total	30 (100)	30 (100)	