

Table 2a FDG PET CT parameters of patients free of disease

| | n | Average | Median | Min | Max | SD |
|-----------------------|----|----------|----------|----------|----------|----------|
| Activity of FDG (mCi) | 68 | 9,166 | 8,750 | 4,3000 | 13,10 | 1,716 |
| Glucose level (mg%) | 68 | 91,221 | 88,000 | 60,0000 | 160,00 | 17,258 |
| SUVmax | 68 | 14,353 | 13,275 | 4,5600 | 32,61 | 5,366 |
| SUVmean | 68 | 8,353 | 7,695 | 2,5800 | 17,93 | 3,171 |
| TumorSUV | 68 | 4992,336 | 3847,545 | 925,7000 | 20205,41 | 3871,716 |
| TLG | 68 | 319,520 | 246,260 | 59,2400 | 1293,15 | 247,797 |
| MTV | 68 | 36,275 | 33,610 | 9,4800 | 87,78 | 18,460 |
| SUVtotal | 68 | 23,274 | 21,930 | 10,6300 | 44,98 | 8,836 |
| TLGtotal | 68 | 355,113 | 255,975 | 65,2100 | 1769,20 | 303,581 |
| MTVtotal | 68 | 39,550 | 38,590 | 11,0100 | 90,00 | 19,227 |
| SUVLN | 68 | 8,921 | 7,440 | 1,9400 | 26,47 | 5,546 |
| TLGLN | 68 | 35,593 | 7,310 | 0,1000 | 1667,97 | 201,298 |
| MTVLN | 68 | 3,275 | 2,475 | 0,0500 | 12,97 | 2,790 |
| AUC-CSH | 68 | 0,582 | 0,579 | 0,5170 | 0,71 | 0,039 |
| Heterogenity | 68 | 0,268 | 0,271 | 0,1710 | 0,32 | 0,026 |

MTV - metabolic target volume (MTV) of the cervical tumor, MTVLN - MTV obtained from all the metastatic pelvic lymph nodes (PLN), MTVtotal - the sum of MTV of tumor and MTVLN

SD - standard deviation, SUVLN - maximum standardized uptake value of PLN, SUVmax - maximum standardized uptake value of the cervical tumor, SUVmean - mean of standard uptake value of the cervical tumor, SUVtotal the sum of SUVmax of a tumor and SUVmax obtained from all the metastatic PLN, TLG - total lesion glycolysis of the cervical tumor, TLGLN- total lesion glycolysis obtained from all the metastatic PLN, TLGtotal- the sum of TLG of tumor and TLG obtained from all the metastatic PLN, TumorSUV is the sum of all SUV values within the tumor