Comparison: 18F-PSMA PET/CT of 20.12.2022 and external Whole Spine-MRI of 21.07.2023.

Findings:

Head/Neck:

Physiological radiopharmaceutical distribution in the lacrimal and salivary glands. Mastoid cells and paranasal sinuses free. Partial response of left lower cervical LN lesions, currently only one is detected presenting faint PSMA-expression (from Se2752/Im84 to Se2751/Im93).

Thorax:

In the low-dose CT, no evidence of suspicious pulmonary lesions. Absence of pleural

or pericardial effusion. Normal appearance of the mediastinal lymph nodes without

PSMA expression. Complete response of the left infraclavicular LN metastasis.

Abdomen/Pelvis:

Physiological radiopharmaceutical distribution in the abdominal organs and intestine.

Partial response of prostate malignancy and its extension to left seminal vesicle in

terms of intensity and extent of PSMA-extension (from Se2752/Im246-258 to

Se2751/Im257-266). Almost complete response of the infradiaphragmatic LN lesions.

Musculoskeletal system:

Progress of the intensity and extent of some of the known skeleton metastases, e.g.

of left iliac bone (from Se2752/Im210,238 to Se2751/Im219,247), right iliac bone

(from Se2752/Im234 to Se2751/Im243) and L2 (from Se2752/Im181 to

Se2751/Im189). Partial to complete response of the rest osseous secondaries; the

vital lesions present less intense PSMA-expression (e.g. from Se2752/Im97 to

Se2751/Im105).