

Title: [18F]PSMA-1007 PET for biochemical recurrence of prostate cancer, a comparison with [18F]Fluciclovine.

Name authors: Cato C. Loeff, Willemijn van Gemert, Bastiaan M. Privé, Inge M. van Oort, Rick Hermesen, Diederik M. Somford, James Nagarajah, Linda Heijmen, Marcel J.R. Janssen

Corresponding email: [cato.loeff@radboudumc.nl](mailto:cato.loeff@radboudumc.nl)

**Table 7.** Contingency tables of the consensus majority reads per-region.**Table 7a.** Prostate (bed) (T).

|                                  | [ <sup>18</sup> F]PSMA-1007 + | [ <sup>18</sup> F]PSMA-1007 - |
|----------------------------------|-------------------------------|-------------------------------|
| [ <sup>18</sup> F]Fluciclovine + | 9                             | 2                             |
| [ <sup>18</sup> F]Fluciclovine - | 11                            | 28                            |

p value 0.022

**Table 7b.** Pelvic lymph nodes (N).

|                                  | [ <sup>18</sup> F]PSMA-1007 + | [ <sup>18</sup> F]PSMA-1007 - |
|----------------------------------|-------------------------------|-------------------------------|
| [ <sup>18</sup> F]Fluciclovine + | 9                             | 1                             |
| [ <sup>18</sup> F]Fluciclovine - | 2                             | 38                            |

p value 1.000

**Table 7c.** Distant lymph nodes (M1a).

|                                  | [ <sup>18</sup> F]PSMA-1007 + | [ <sup>18</sup> F]PSMA-1007 - |
|----------------------------------|-------------------------------|-------------------------------|
| [ <sup>18</sup> F]Fluciclovine + | 1                             | 0                             |
| [ <sup>18</sup> F]Fluciclovine - | 3                             | 46                            |

p value 0.250

**Table 7d.** Skeletal lesions (M1b).

|                                  | [ <sup>18</sup> F]PSMA-1007 + | [ <sup>18</sup> F]PSMA-1007 - |
|----------------------------------|-------------------------------|-------------------------------|
| [ <sup>18</sup> F]Fluciclovine + | 3                             | 0                             |
| [ <sup>18</sup> F]Fluciclovine - | 1                             | 46                            |

p value 1.000

**Table 7e.** Visceral lesions (M1c).

|                                  | [ <sup>18</sup> F]PSMA-1007 + | [ <sup>18</sup> F]PSMA-1007 - |
|----------------------------------|-------------------------------|-------------------------------|
| [ <sup>18</sup> F]Fluciclovine + | 0                             | 0                             |
| [ <sup>18</sup> F]Fluciclovine - | 0                             | 50                            |

p value -

**Table 7f.** Other distant lesions (M1x).

|                                  | [ <sup>18</sup> F]PSMA-1007 + | [ <sup>18</sup> F]PSMA-1007 - |
|----------------------------------|-------------------------------|-------------------------------|
| [ <sup>18</sup> F]Fluciclovine + | 0                             | 2                             |
| [ <sup>18</sup> F]Fluciclovine - | 0                             | 48                            |

p value 0.500