

Supplemental Figure 1: Example of a 58-year old patient with biochemical recurrence after radical prostatectomy (Gleason Score 7; PSA level at PET examination 0.45 ng/ml) and a putative false positive LN by ^{68}Ga -PSMA HBED-CC PET imaging: an unsuspecting, 3 mm LN is visible in the left obturator fossa on CT imaging (A, red arrow) that shows intense, focal and thus suspicious tracer uptake on ^{68}Ga -PSMA HBED-CC PET (B) and PET/CT fusion imaging (C). Salvage lymphadenectomy with histological evaluation revealed no LNM. However, follow-up ^{68}Ga -PSMA HBED-CC PET/MR 6 months after operation later revealed an increasing focal uptake of ^{68}Ga -PSMA HBED-CC raising the question that the LN might have been missed during surgery (D).

