### Outlining benchmark case 1

**Post-operative chemoradiotherapy for T2 N2 M0 G2 SCC of penis (no pelvic nodal dissection)**

History: Patient with T2 N2 M0 grade 2 squamous cell carcinoma of the penis and bilateral mobile inguinal nodes. He underwent partial penectomy, and was subsequently randomised to arm A of the InPACT trial. Bilateral therapeutic inguinal dissections were performed.

Post-operative histology (inguinal lymph node dissection): 1 lymph node in the left groin and 2 lymph nodes in the right groin are infiltrated with grade 2 SCC. There is no evidence of extracapsular spread in bilateral groins.

Post-operative staging: Post-operative changes noted including a seroma in the left groin. There is no evidence of residual disease and no evidence of distant metastatic disease.

Adjuvant treatment: Patient underwent 2nd randomisation within the InPACT trial and is to receive adjuvant chemoradiotherapy to the groin and pelvis.

**Radiotherapy Outlining Exercise:**

Please import patient **InPACT Outlining Case 1** (both CT scan and structure set) into your TPS. The Body contour has been pre-outlined to ensure that the structure set has imported correctly when the case is submitted for review by the QA team (Structure set name: **InPACT Outlining Case 1**):

* Body 138 slices, 20483.6 cm3

Please outline the following structures according to the InPACT outlining guidelines (Section A):

* CTV\_5700 – if applicable
* CTV\_5400 – if applicable
* CTV\_4500 – if applicable
* Rectum
* Bladder
* BowelBag
* FemoralHeadNeck\_R
* FemoralHeadNeck\_L
* Scrotum