

Technical Note

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Subject **SSD Modification - Radiation Oncology and PET Suite**

This technical note has been produced to assess the parking impact of the uplift in staff and patient numbers in relation to the Radiation Oncology and PET Suite departments. The additional staff and patient numbers expected are as follows:

- Radiation Oncology – 13 staff and 8 patients / carers at any one time; and
- PET Suite – 10 staff at any one time and 10 patients throughout the day.

The additional staff and patient numbers were applied to the Stage 1 parking demand model and the changes in demand are presented in the table below.

Time period		SSD (Stage 1)	Updated (Stage 1)	Change
AM Peak	Arrivals	858	864	+6
	Departures	234	237	+3
PM Peak	Arrivals	282	284	+2
	Departures	903	907	+4

The addition of these departments increases the maximum parking accumulation for Stage 1 from 2347 to 2355, an increase of 8 vehicles. Noting the current plan for the completion of Stage 1 is to have 2,539 parking spaces within the hospital. We have concluded the increase in parking demand can be accommodated within the parking proposed for Stage 1.