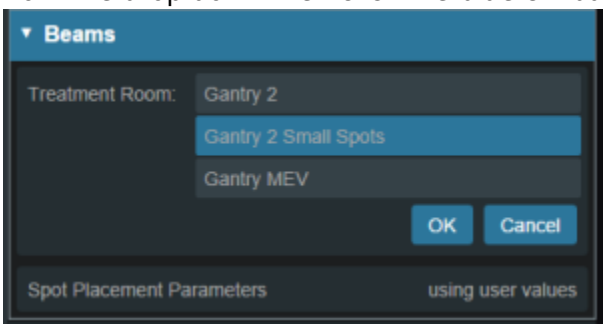
Creating a PBS Beam

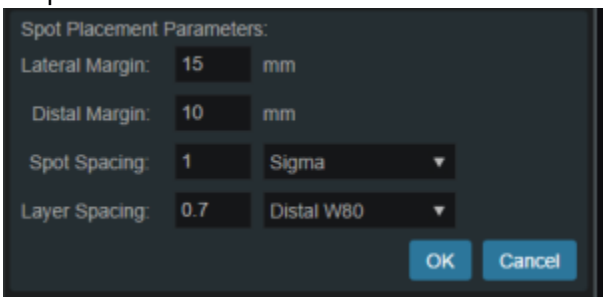
After a calculation grid is defined, a pbs beam can be added to the plan. From within the *beam creation* task, the geometry, target, beam devices, and spot optimization can be defined.

1. From within the *plan overview* select the *Beams* block

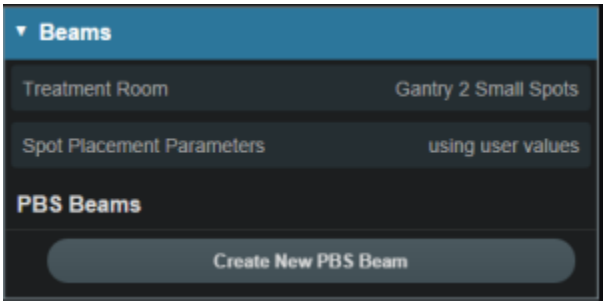
2. Select the treatment room from the drop down then click the blue *OK* button



3. Next select the *Spot Placement Parameters*. You may either choose to go with the default parameters or enter your own parameters



4. Once your *Spot Placement Parameters* are set the *Create New PBS Beam* button will become active



5. After you select the *Create New PBS Beam* you will be able to set the beam geometry parameters:
    1. Select the intended target
    2. Select the Isocenter
    3. Set the gantry angle
    4. Set the couch angle
    5. If desired, add an aperture
    6. Refer to Creating a New Aperture for detailed instruction
6. Select the snout size
7. If desired, select the range shifter to use based on the ones available for the selected snout
8. Set the air gap distance