

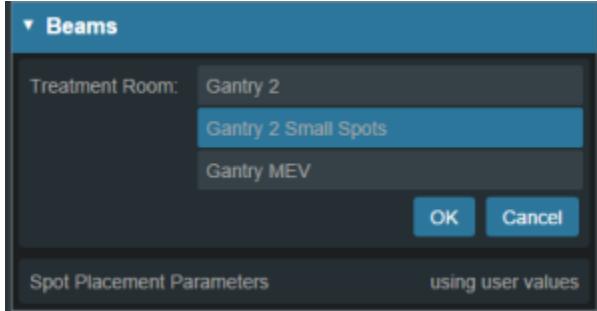
Creating a PBS Beam

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.

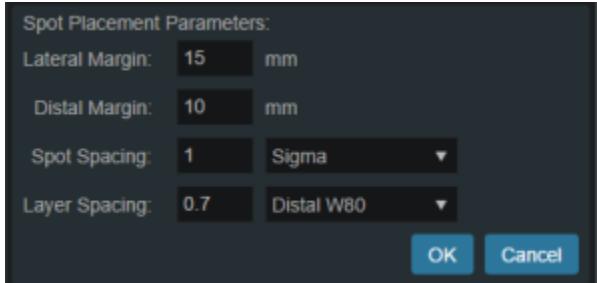
- From within the *plan overview* select the *Beams* block



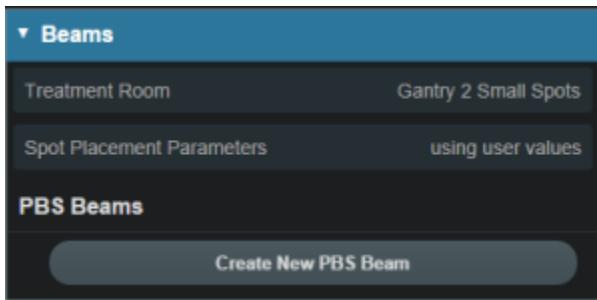
- Select the treatment room from the drop down then click the blue *OK* button



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

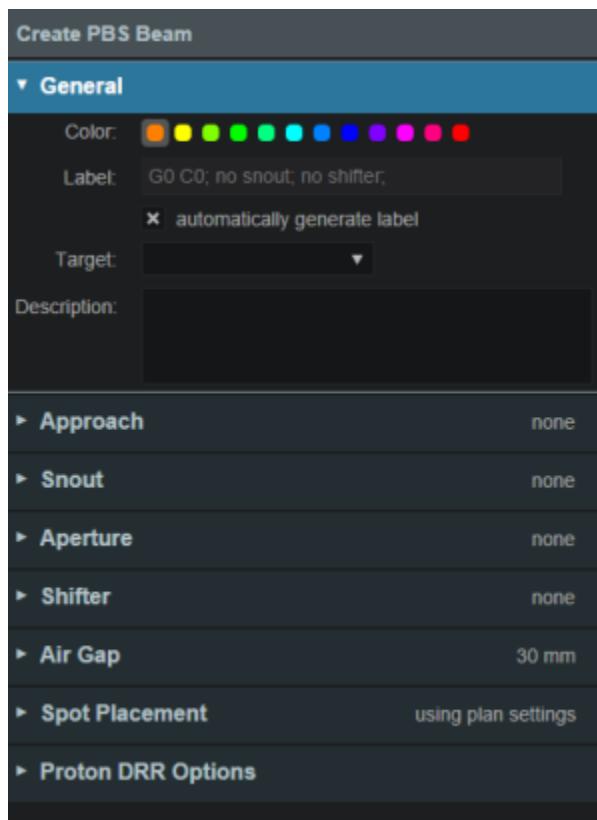


- Once your *Spot Placement Parameters* are set the *Create New PBS Beam* button will become active



- After you select the *Create New PBS Beam* you will be able to set the beam geometry parameters:

- Select the intended target
- Select the Isocenter
- Set the gantry angle
- Set the couch angle
- If desired, add an aperture
- Refer to [Creating a New Aperture](#) for detailed instruction
- Select the snout size
- If desired, select the range shifter to use based on the ones available for the selected snout
- Set the air gap distance



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