Creating a New 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 new *Dosimetric Beam* button
3. Set the beam geoemtry parameters:
    1. Select the Isocenter
    2. Set the gantry angle
    3. Set the couch angle
4. Select the intended target
5. If desired, add an aperture
    1. 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
9. Set the spot placement parameters

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