## **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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