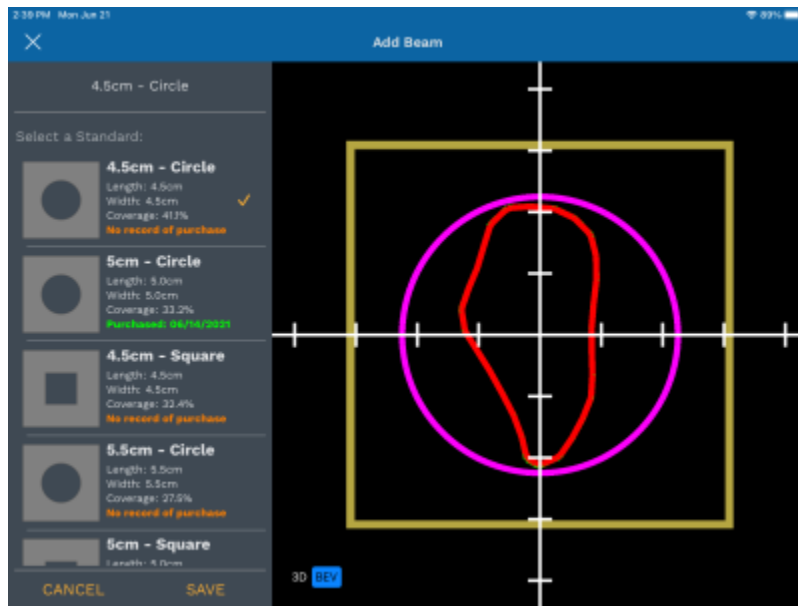# Application Features

Beams

Standard Blocks

decimal3D allows users to select and order a standard block from a predetermined library of shapes. Currently the library is compromised of:

- Circles
  - 1 to 23cm diameter in 0.5cm increments
- Squares
  - 1 to 23cm diameter in 0.5cm increments

When creating a beam users can choose to check their patient contour against the fit of the supported standard blocks.

The top 10 best fitting supported standard blocks for the current cone size that are larger than the contour will be displayed to the user based on a coverage ratio (digitized area / block area). If applicable, at least two of the top fitting standard blocks will include any previously purchased standard blocks.

When a standard block is selected for a beam the original patient contour will be displayed along with the standard block shape. The selected standard block shape will then be used for ordering and DICOM export of that beam/block.

> **Note:**
> When editing a beam with a standard block the standard block will be automatically removed. Any changes to the beam will invalidate the block so the best fitting blocks must be re-computed and re-selected.