

# Development of phantom using 3D printer for veterinary radiosurgery

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The rapid expansion of the 3D printer market paves the way for a health revolution, currently researchers using 3D printers in the design of phantoms applied in radiotherapy, quality assurance, planning and dosimetry [1,2,3,4].

This work used 3D printer to development a phantom for application in veterinary radiosurgery. The results were shown in figure 1, was promising for the use in the areas of quality assurance, optimization planning in radiotherapy and dosimetry, because this phantom presented quite real when submitted to a treatment of radiosurgery

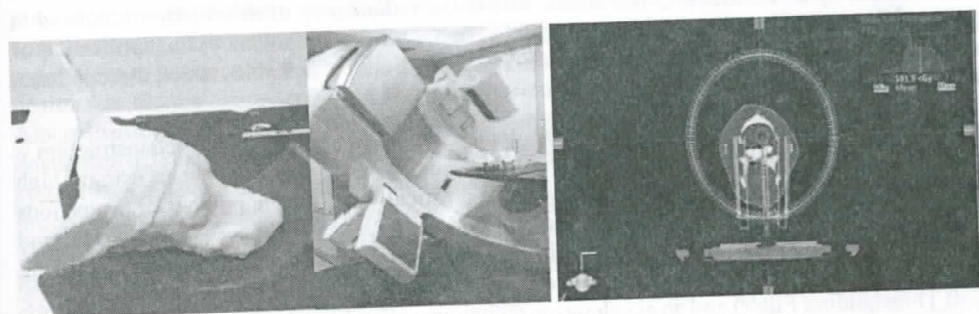


Figure 1 – Phantom developed in 3D Printer submitted to radiosurgery.

**Keywords:** Phantom; 3D printer; radiotherapy; dosimetry, quality assurance

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