

Review of: "Dose Reduction in Medical Radiography: Advancing Veterinary Diagnostic Solutions"

Oguz Calisici¹

¹ Tierärztliche Hochschule Hannover

Potential competing interests: No potential competing interests to declare.

The manuscript describes dose reduction in medical radiography using a newly constructed mechanical system. The idea of dose reduction is innovative, and generally, the manuscript contains interesting observations. However, there are some questions to be addressed and revisions to be done as follows:

1. Please insert a paragraph at the end of the introduction that elucidates the objective of the study.
2. In math and methods: You mention, "As LAD Hamamatsu C9750T line scan camera (Fig. 2A) was used. In fact, this detector was built for NDT." For which purpose was the line scan camera used? Is this a detector or a camera? Please elucidate more on the properties of the camera and/or detector.
3. Figure 3: You have to mention the details of the pictures in the materials and methods. Please indicate the origin of the phantom, which model, etc. Human image: which gender? which age? etc. Same for veterinary images: which species? which gender? which age? veterinary lumbar? which lumbar, please indicate the numbers? Knie: which animal? which side (right, left)?