Author's response to reviews

Title: Decision Theory Applied to Image Quality Control in Radiology.

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Author's response to reviews: see over
Dear Dr. Melissa Norton,

We are resubmitting the study entitled “Decision Making Theory Applied to Image Quality Control in Radiology” for your consideration as an original research article to be published in BMC Medical Informatics and Decision Making. The authors attempt to a further observation from Dr. Xin He (reviewer).

Briefly, the manuscript reports a specific formulation of Decision Theory applied to quality control of radiographic films. We have simulated the theoretical constructs based on real datasets. The results show evidence that it is possible to minimize the risk of accepting a non-diagnostic image for clinical use. This work also represents a concrete application of the guidelines set by experts at the International Commission of the European Communities – ICRU, recommending this specific approach as the most promising way to manage Image Control in Radiology.

Having attempt to all essentially corrections and suggestions we anxiously expect for the final acceptance of the present manuscript. The authors thank for all kind support of this journal and the good quality of the reviewers’ observations during the resubmission process.

Best regards,

Patrícia Silva Lessa, PhD.