Author's response to reviews

Title: Magnetic resonance imaging-radioguided occult lesion localization (ROLL) in breast cancer using Technetium-99m albumin macro-aggregated and distilled water control.

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Version: 2 Date: 11 September 2012

Author's response to reviews:

Dear editorial board of BMC Medical Imaging:

Please find enclosed the manuscript: “Magnetic resonance imaging-radioguided occult lesion localization in breast cancer using Tc-99m albumin macro-aggregated and distilled water control”, by Fernanda Pereira, et al., to be submitted as an original research article to BMC Medical Imaging. All co-authors have seen and agree with the contents of the manuscript and there is no financial interest to report. We certify that the submission in not under review at any other publication.

In this manuscript we report a technique used to perform magnetic resonance imaging-radioguided occult lesion localization, a recent procedure in the literature, that needs to be establish. We also describe our initial results using this technique.

We believe that our manuscript could be of interest to the readers of BMC Medical Imaging because it describes a new technique useful to diagnose the breast cancer only seen by magnetic resonance imaging (MRI), each day more common with the increased use of MRI. To the best of our knowledge, there is only one study in the literature describing the use of radioactive substances in the localizations guided by MRI, and using a different technique than the one described in this study. The radio-guided localization allows a better surgical outcome compared to wire localization, however it has been largely used only by mamography and sonography, not by MRI.

Sincerely yours,

Fernanda Pereira and Lea Fonseca on behalf of the authors