ERRATUM

Erratum to: Thin film based semi-active resonant marker design for low profile interventional cardiovascular MRI devices

Engin Baysoy^{1,3} · Dursun Korel Yildirim¹ · Cagla Ozsoy¹ · Senol Mutlu² · Ozgur Kocaturk¹

Published online: 12 October 2016
© ESMRMB 2016

Erratum to: Magn Reson Mater Phy DOI 10.1007/s10334-016-0586-8

Unfortunately, the captions of Figs. 5, 6, and 7 were transposed in the original online publication of this article.

The correct figures and captions are given here (Figs. 5, 6, 7), and the article itself has been corrected.

Fig. 5 Computer aided design drawings of the fabricated RF marker (not to scale). **a** Cross sectional view and magnified views of RF marker showing thickness of thin film layers deposited on cylindrical catheter tube (PEBAX). **b** Overall view of the RF resonant marker including all components

The online version of the original article can be found under doi:10.1007/s10334-016-0586-8.

✉ Engin Baysoy
enginbaysoy@gmail.com

¹ Institute of Biomedical Engineering, Bogazici University, Istanbul, Turkey

² Department of Electrical and Electronics Engineering, Bogazici University, Istanbul, Turkey

³ Vocational School of Biomedical Device Technology, Acibadem University, Istanbul, Turkey

Fig. 6 Resonant frequency measurements of the RF resonant marker using a non-contact RF search probe. **a** Signal drop at the tuned frequency (63.86 MHz) for the S11 measurement. **b** Photograph of the custom designed non-contact search probe and magnified view of the tip. **c** Photographs (*left to right*) of the calibration probes used for measurements (short circuit probe, open circuit probe and 50 Ω matching probe) connected to the network analyzer and magnified views of their tips

Fig. 7 The RF resonant marker appeared as a “bright spot” (indicated by *white arrows*) under MRI 1.5 T. Images show the MRI visibility of the RF resonant marker (Windowing parameters WL: 350,

WW: 650) when placed **a** parallel to the main magnetic field B_0 , **b** oriented 45° relative to B_0 , and **c** placed perpendicular to B_0