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This is to certify the manuscript

**THE ROLE OF PULSED ELECTROMAGNETIC FIELDS AFTER JOINT REPLACEMENTS**

was edited for English language, grammar, spelling and punctuation by the Editing Service of Istituto Ortopedico Rizzoli – University of Bologna – Bologna – Italy.

Moreover the manuscript was re-read carefully by one of the co-authors, Giulio Maria Marcheggiani Muccioli, MD, PhD. Dr. Giulio Maria Marcheggiani Muccioli was educated at the Luciano Finelli English School - Johns Hopkins University – Bologna Center – Italy and sustained the TOEIC examination with the score 800/900. He has published over 100 original scientific papers, reviews, and book chapters in English.



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