

23th of August 2021

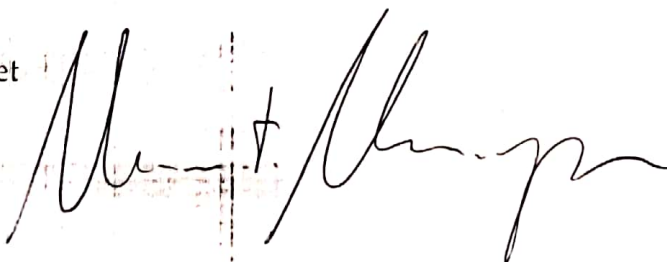
This is to certify that Martin Mariappan MD, native speaker English, provided comprehensive editing services (amending, polishing and rewriting) for the latest version of the review article entitled "Non-surgical treatment of hilar cholangiocarcinoma: current options and future directions" (ID: 03358964) by **Inchingolo R et al**, which is under consideration for publication in World Journal of Gastrointestinal Oncology.

The edit has achieved Grade A: no language polishing required after editing.

Should you require any additional information, please do not hesitate to contact me.

Martin Mariappan

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A handwritten signature in black ink, appearing to read 'Martin Mariappan', written in a cursive style.