

06th of June 2022

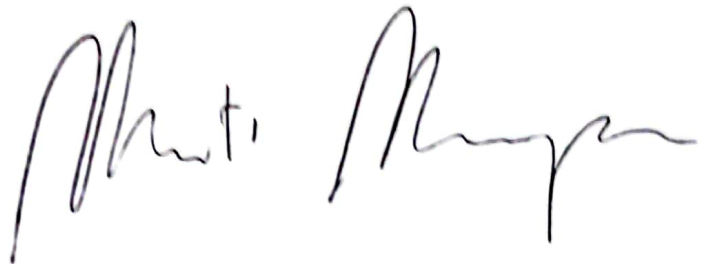
This is to certify that Martin Mariappan MD, native speaker English, provided comprehensive editing services (amending, polishing and rewriting) for original article entitled "Percutaneous insertion of a novel dedicated metal stent to treat malignant hilar biliary obstruction" (ID: 03358964) by Cortese et al, which is under consideration for publication in World Journal of Gastrointestinal Oncology.

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

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

Martin Mariappan,

Email: martin.mariappan@nhs.net

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