Dear Editor,

We are pleased to submit our manuscript entitled: "CO2-Lasertonsillotomy Under Local Anesthesia in Adults: a Step-by-Step Protocol", for consideration as a video article in Journal of Visualized Experiments.

Tonsil-related complaints are very common in the adult population. Currently, tonsillectomy under general anesthesia is the most commonly performed surgical treatment in adults for such complaints. Unfortunately, tonsillectomy is an invasive treatment associated with a high complication rate and a long recovery time. Complications and a long recovery time are mostly related to removing the vascular and densely innervated capsule of the tonsils. Recently, CO2-lasertonsillotomy under local anesthesia has been demonstrated to be a viable alternative treatment for tonsil related disease with a significantly shorter and less painful recovery period. The milder side-effect profile of CO2-lasertonsillotomy is likely related to leaving the tonsil capsule intact. The aim of the current report is to present a concise protocol detailing the execution of CO2-lasertonsillotomy under local anesthesia.

We believe the Jove format is particularly well suited to provide ENT clinicians with a detailed visualized demonstration of the CO2-lasertonsillotomy.

This manuscript represents a valid work and neither this manuscript nor one with substantially similar content under my authorship has been published or is being considered for publication elsewhere. I agree to serve as the primary correspondent with the editorial office, to review the edited manuscript, and proof. I certify that all financial and material support for this research and work are clearly identified in the manuscript. I and the other authors have no relevant financial interests in this manuscript.

We appreciate your time and look forward to your response.

On behalf of all co-authors,

Sincerely,


Justin Wong Chung, M.D.