

Answering editor

Name of journal: World Journal of Clinical Cases

Manuscript NO: 52787

Title: Surgical resection of a large adult hypopharyngeal hemangioma using ND: YAG laser: A case report

Line 50: We modified “Key words: YAG laser; large; adult; surgical resection; hypopharyngeal; hemangioma; case report.”

Line 101: We added some introduction about the role of CTA and MRA in evaluation of vascular malformation. “In addition, computed tomography (CT) and magnetic resonance imaging (MRI) have both been used in clinical practice. MRI and MR angiography (MRA) represent the best diagnostic tools to demonstrate, respectively, soft-tissue components and relationships with nearby structures (14,15). Time-resolved imaging of contrast kinetics (TRICKS) is a recently introduced technique that can obtain dynamic images during the arterial, capillary and venous phases. It improves temporal resolution with respect to contrast-enhanced MRA technique (16). It is possible to acquire three dimensional volumes during the passage of gadolinium (GD), to detect the vascularization of the region of interest over time, similar to digital subtraction angiography (DSA). DSA is an invasive, relatively expensive, time consuming technique, with risk of vascular injury and exposure to ionization (17).” And we added 4 references (line 242).

Line 118: We added “CASE PRESENTATION”.

Line 122: We added “Patient Information”.

Line 125: We modified the patient information. “Due to upset stomach, he had a gastroscopy and found the hypopharyngeal tumor.”

Line 127: We added “He has suffered from hypertension for more than 20 years.”

Line 128: We added “Physical Exam-When the patient presented to our hospital his temperature was 36.6 °C, heart rate was 80 bpm, respiratory rate was 18 breaths per minute, blood pressure was 150/90 mmHg and oxygen saturation in room air was 98%.”

Line 132: We added “Diagnostic”.

Line 141: We added “Interventions”.

Line 159: We added “Follow-up and outcomes”.

Line 190: We added “Conclusion-Laser therapy is one of the effective tools for treating hemangiomas with rapid, uncontrolled growth or functional areas, with few side effects and complications. The present case of a male patient with a large hypopharyngeal hemangioma, treated with YAG laser, demonstrates the efficacy of laser photocoagulation in treating cases of hemangiomas, without the risk of bleeding or airway obstruction. The favorable postoperative outcomes demonstrated by our patient with Nd: YAG laser therapy indicate its consideration in the therapy of similar cases”.