To the Editor,

We sincerely thank Prof. Dr. Xue and colleagues for their interest and comments posing the question ‘Does nostril selection really effect nasotracheal intubation performance of the nasotracheal Airtraq®?’ on our manuscript named ‘Which nostril should be used for nasotracheal intubation with Airtraq NT®: the right or left? A randomized clinical trial’ which recently appeared in the Turkish Journal of Medical Sciences [1]. The results of our study showed that nasotracheal intubation via the right nostril could be performed in a shorter time when compared to the left nostril with the Airtraq NT®. Actually, when we were performing another trial that compared video laryngoscopes for nasotracheal intubation, we realized that there was a significant difference between the right and the left nostril patients in the Airtraq NT® group. As such, we then decided to perform this trial comparing the right and the left nostril during nasotracheal intubation with the Airtraq NT®. My answer to their question is ‘Yes, nasotracheal intubation was easier through the right nostril while intubating with the Airtraq NT® without using Magill forceps’. The reason for this result was the removal of the channel from the right side of the nasotracheal Airtraq when compared to the standard Airtraq. However, the mirror and the camera were present on the left side of the Airtraq NT®. As a result, there was much more space at the right nasopharyngeal side. This allows for easier manipulation of the endotracheal tube.

There was a published multiplanar magnetic resonance imaging study that exhibited the association of the ease of nasotracheal intubation through the right nostril and the posterior pharyngeal anatomy even with direct laryngoscopy [2]. In addition, there are published studies that showed intubation to be easier from the right nostril even with the aid of Magill forceps and direct laryngoscopy [3,4]. There is a published case of
nasotracheal intubation of a difficult airway with oral cancer, which was intubated easily with a nasotracheal Airtraq through the right nostril without using Magill forceps [5].

**Keywords:** Airtraq, nasotracheal, right nostril, videolaryngoscope

**References**

1) Arslan ZI, Türkyılmaz N. Which nostril should be used for nasotracheal intubation with Airtraq NT®: the right or left? A randomized clinical trial. Turkish Journal of Medical Sciences 2019; 49: 116-122.


