



Correction to: Value of pre- and intraoperative diagnostic methods in suspected glottic neoplasia

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As authors of the article *Value of pre- and intraoperative diagnostic methods in suspected glottic neoplasia* [1] we would like to draw attention to two unfortunate errors that occurred in the paper.

In a nationwide prospective cohort study of 261 patients suspected for glottic neoplasia, we evaluated the individual and combined ability of videostroboscopy (VS), high-speed digital imaging (HSDI), enhanced endoscopy (EE) and saline infusion (SI) to predict neoplasia.

In Table 4 *Logistic regression modelling of relevant explanatory variables in predicting neoplasia*, the Odds Ratio (OR) for *Male gender* is in fact the OR for *Female gender* and thus reflects the reduced OR in females. The conclusion of the paper is correct in that significant association ($p < 0.05$) only appears between age, male gender,

and perpendicular vasculature in intraoperative EE, and the endpoint neoplasia. However, the published Table 4 would mislead the reader to the interpretation that the odds for neoplasia were reduced in males. We include the corrected Table 4, so that readers will be in no doubt about the impact of gender in glottic neoplasia.

A minor error that escaped our attention in the manuscript is the number of SI. We investigated 237 SI, as correctly shown in Table 2, and not 234 as described in the result section.

We deeply regret and apologize for these errors.

Another issue that is not erroneous, but may need clarification is on the number of VS. We investigated 188 VS, as correctly stated in the result section, but 19 datasets did not provide enough details on the mucosal wave, and thus 169 VS were further analyzed, as correctly shown in Table 2.

The original article can be found online at <https://doi.org/10.1007/s00405-019-05698-w>.

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Table 4 Logistic regression modelling of relevant explanatory variables in predicting neoplasia

	Complete case analysis (<i>n</i> = 68)		Analysis with imputation (<i>n</i> = 261)		
	Odds ratio (95% CI)	<i>P</i> value	Number of imputed observations	Odds ratio (95% CI)	<i>P</i> value
Age	1.04 (0.98–1.11)	0.191	0	1.04 (1.01–1.07)	0.007
Male gender	6.25 (1.52–25.0)	0.012	0	4.55 (2.27–9.09)	0.000
Smoking					
Never	(Empty)		–	–	–
Previously ^a	1.16 (0.26–5.24)	0.844	14	0.73 (0.19–2.83)	0.653
Currently	– ^b		14	0.70 (0.19–2.54)	0.586
Impaired/absent mucosal wave in VS	3.12 (0.74–13.12)	0.120	92	1.84 (0.83–4.07)	0.133
Perpendicular vessels in preoperative EE	0.64 (0.13–3.24)	0.592	161	0.73 (0.30–1.79)	0.498
Perpendicular vessels in intra-operative EE	4.98 (0.73–33.90)	0.101	52	2.56 (1.04–6.31)	0.041
Partly or complete mucosal fixation in SI	0.61 (0.07–5.38)	0.655	24	1.51 (0.58–3.88)	0.397
Baseline odds	0.05 (0.00–2.84)	0.145		0.72 (0.06–8.49)	0.797

Estimates of odds ratios for neoplasia are presented with and without imputation for handling missing data by use of a Multivariate Imputation by Chained Equations model

HSDI was omitted because of few observations almost all from one center

VS videostroboscopy, EE enhanced endoscopy, SI saline infusion, CI confidence interval

^aSmoking cessation > 3 months ago

^bOmitted because of collinearity

Reference

1. Mehlum CS, Kjaergaard T, Grontved AM, Lyhne NM, Jorkov APS, Homoe P, Tvedskov JF, Bork KH, Moller S, Jorgensen G, Philipsen BB, Godballe C (2019) Value of pre- and intraoperative

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