

Studies	Study Design	Age Group	No Patients (Female/Male)	No Ears (Endoscopic/Microscopic)	Outcomes	Follow-Up Time (Endoscopic/Microscopic)	Anesthesia
Kojima2014 <sup>9</sup>	Retrospective Cohort	Pediatric + Adult	50 (32/18)	56 (15/41)	Postoperative ABG, Dysgeysia, Dizziness, Pain, Facial Paralysis, Corda Tympani Injury	6-12 (months) / 9 (months) - 10 (years)	General
Gulsen2019 <sup>11</sup>	Retrospective Cohort	Adult	61 (34/27)	61 (32/29)	Postoperative ABG, Dysgeysia, Dizziness, Pain, Tympanic Membrane Perforation, Corda Tympani Injury	8-12 (months) / 9-15 (months)	Local
Daneshi2016 <sup>12</sup>	Retrospective Cohort	Adult	34 (24/10)	34 (19/15)	Postoperative ABG, Dizziness, Facial Nerve Paralysis, Corda Tympani Injury	1-15 (months) / 1-15 (months)	General
Ianella2016 <sup>13</sup>	Retrospective Cohort	Adult	40 (25/15)	40 (20/20)	Postoperative ABG, Dysgeysia, Dizziness, Pain, Tympanic Membrane Perforation, Facial Nerve Paralysis, Tinnitus, Corda Tympani Injury	6-15 (months) / 6-15 (months)	General
Surmelioglu2017 <sup>15</sup>	Retrospective Cohort	Adult	46 (17/29)	46 (22/24)	Postoperative ABG, Dysgeysia, Dizziness,	12-28 (months) / 12-48 (months)	Local
Ardiç2018 <sup>16</sup>	Retrospective Cohort	Adult	94 (37/57)	94 (37/57)	Postoperative ABG	3rd, 12th (month) / 3rd, 12th (month)	General
Bhardwaj2018 <sup>17</sup>	Retrospective Cohort	Adult	40 (17/23)	40 (20/20)	Postoperative ABG, Dygeysia, Dizziness, Pain, Tympanic Membrane Perforation, Corda Tympani Injury	1st, 3rd, 12th, 24th (week) / 1st, 3rd, 12th, 24th (week)	Local

Moneir2018 <sup>19</sup>	Retrospective Cohort	Adult	42 (??)	42 (14/28)	Postoperative ABG, Dysgeusia, Dizziness, Tympanic Membrane Perforation, Sensorineural Hearing Loss	4-6 (weeks) / 4-6 (weeks)	Local
Das2019 <sup>20</sup>	Randomized Controlled	Adult	64 (60/4)	64 (32/32)	Postoperative ABG Dysgeusia	1st (week) / 1st (week)	Local
Total			471 (246+?/183+?)	477 (211/266)			

Table I. Summary table of the eligible studies.

Footnote: Data for quantitative statistical analysis were drawn from 9 out of the 13 eligible studies (ABG, air-bone gap).