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Table 2

Level of evidence summary

Device	Outcome	Failed DL	Difficult DL (C&L ≥ 3)	At Higher Risk of Difficult DL	Unselected
Airtraq	Success 1st attempt	No data	No data	1+, 96-100% [23],[17],[14]	1+, 93-100% [19], [13]
	Success Overall	3, 80-100% [20], [15]	3, 80-100% [20], [15]	1+, 96-100% [23],[17],[18], [14],[21],[16]	1+, 89-100% [22], [19],[90],[13]
	% C&L 1 of glottis	3, 85- 100% [20], [15]	3, 89-100% [20], [15]	1+, Improvement, 90-95% [21], [18],[14]	1+, Improvement, 90-95% [19],[13]
	Time to success	No data	No data	1+, No [16], [18],[23],[21]	1+, No [13],[22]
Bonfils	Success 1st attempt	3, 88% [27]	3, 88% [27]	1-, 88% [29] 3, 88% [27]	3, 89% [30]
	Success Overall	3, 96% [27]	3, 96% [27]	1-, 82% [29] 3, 96% [27]	1-, 86-98% [30],[25], [28],[24]
	% C&L 1 of glottis	No data	No data	1-, Improvement, 82% [29])	No data
	Time to success	No data	No data	1-, No [29]	1-, No [28]

Bullard	Success	No data	3, 89% [32]	1-, 86% [34]	1-, 92% [28]
	1st attempt			3, 89% [32]	
	Success Overall	No data	3, 98% [32]	1-, 85-100% OA [34],[32],[33]	1-, 92% OA [28]
	% C&L 1 of glottis	No data	No data	No data	1-, Improvement, 92% [28]
	Time to success	No data	No data	No data	1-, Yes [28]
CTrach	Success 1st attempt	No data	No data	1-, 84-93% [48],[49],[36],[40],[17]	1-, 67-100% [44],[91],[39],[37],[45],[43],[46],[41]
	Success Overall	3, 100% [38]	3, 95.8% [47]	1-, 90-100% [48],[18],[49],[42],[36],[40],[17]	1-, 93-100% [44],[91],[39],[37],[45],[43],[46],[41],[50]
	% C&L 1 of glottis	3, 100% [38]	3, 95.8% [47]	1-, Improvement, 30-98% [41],[48],[42],[36],[49]	1-, Improvement, 93% [39],[46],[41],[50],[44],[91],[45],[37],[43]
	Time to success	No data	No data	1-, No [36],[18],[48]	1-, No [43]
GlideScope	Success 1st attempt	No data	3, 90% [63]	1+ 16-93% [65],[64],[66],[54],[74],[59]	1-, 78-98% [73],[55],[56],[53],[58],[60],[44],[68],[35],[19],[71]
	Success Overall	3, 94% [74]	3, 98-100% [62,63]	1+, 89-100% [65],[64],[66],[54],[74],[72],[59],[61],[62]	1-, 71-100% [52],[55],[56],[53],[58],[60],[92],[67],[51],[44],[68],[35],[19],[71],[93]
	% C&L 1 of glottis	No data	3, Improvement, 8% [62]	1+, Improvement, 33-88% [4],[72],[64],[61]	1-, Improvement, 100% ([73],[67],[58],[56],[35],[53],[68],[94],[55],[60]

				[54] , [59] , [66]	[19] , [44]
	Time to success	No data	3, No [62]	1+, No [59] , [72]	1-,No [71]
McGrath	Success 1st attempt	No data	No data	No data	1-, 93-95% [75] , [77]
	Success Overall	3, Improvement, 83-95% [76] , [79]	No data	No data	1-, 98-100% [75] , [77]
	% C&L 1 of glottis	3, Improvement, 77--87% [76] , [79]	No data	No data	No data
	Time to success	No data	No data	No data	1-, No [77]
Pentax AWS	Success 1st attempt	3, 94% [84]	3, 94% [84]	1+, 72-97% [59] , [48] , [95] ' [64]	1+, 87-96% [80] , [83] ' [96] , [85] , [68] , [35]
	Success Overall	3, 99% [84]	3, 99% [84]	1+, 97-100% [59] , [48] , [95] , [64] , [81]	1+, 99-100% [80] , [83] , [96] , [85] , [68] , [35]
	% C&L 1 of glottis	3, Improvement, 96% [84]	3, Improvement, 96% [84]	1+, Improvement, 97-100% [59] , [64] , [48] , [81] , [66]	1+, Improvement, 97-99% [68] , [35] , [83]
	Time to success	No data	No data	1+, No [81] , [59] , [95]	1+, Yes [85] , [35]
V-MAC	Success 1st attempt	No data	No data	1+, 64% [65]	1-, 87-93% [87] , [68]
	Success Overall	No data	No data	1+, 98-100% [87] , [65] , [72] , [88]	1-, 99-100% [87] , [68] , [89]
	% C&L 1 of glottis	No data	No data	1+, Improvement,	1-, Improvement, 43-100% [89] , [86] , [35] ,

			31-45% [72], [88]	[87]
Time to success	No data	No data	1+, No [72]	1-, No [35]
