

Table 45: Clinical Evidence Profile: Hydrogen Peroxide Urea solution prior to irrigation versus Sodium Chloride (Saline) prior to irrigation (up to 2x15 minute applications)

Quality assessment							No of patients		Effect		Quality
No of studies	Design	Risk of bias	Inconsistency	Indirectness	Imprecision	Other considerations	Hydrogen Peroxide Urea solution up to 2x15 minute applications	Sodium Chloride (Saline) up to 2x15 minute applications	Relative (95% CI)	Absolute	
Complete visualisation of TM after syringing (1st attempt) (follow-up mean 30 minutes)											
1	randomised trials	no serious risk of bias	no serious inconsistency	no serious indirectness	very serious ¹	none	3/26 (11.5%)	2/24 (8.3%)	RR 1.38 (0.25 to 7.59)	32 more per 1000 (from 62 fewer to 549 more)	⊕⊕○○ LOW
Complete visualisation of TM after syringing (2nd attempt) (follow-up mean 30 minutes)											
1	randomised trials	serious ²	no serious inconsistency	no serious indirectness	serious ¹	none	4/26 (15.4%)	10/24 (41.7%)	RR 0.37 (0.13 to 1.02)	263 fewer per 1000 (from 363 fewer to 8 more)	⊕⊕○○ LOW
Adverse events: reported side-effects from ear drops (follow-up mean 30 minutes)											
1	randomised trials	serious ²	no serious inconsistency	no serious indirectness	very serious ¹	none	2/26 (7.7%)	1/24 (4.2%)	RR 1.85 (0.18 to 19.08)	35 more per 1000 (from 34 fewer to 753 more)	⊕○○○ VERY LOW

¹ Downgraded by 1 increment if the confidence interval crossed one MID or by 2 increments if the confidence interval crossed both MIDs

² Downgraded by 1 increment if the majority of the evidence was at high risk of bias, and downgraded by 2 increments if the majority of the evidence was at very high risk of bias