

S3 Table. AOM recurrence outcome definitions and timeframes for included studies

Study	Recurrence Definition	Recurrence Timeframe
Bezakova 2009	Parent-reported AOM recurrence recorded in questionnaire	6 months to 3.5 years
Hoberman 2011	The reappearance of acute otitis media in a patient previous classified as clinical success (days 10-12) at visit on days 21-25	21-25 days
Kaleida 1991	Development of AOM 15 or more days after initiation of treatment for a preceding episode	2-6 weeks
Laxdal 1970	No definition provided, termed "relapses"	1-33 months (mean: 16 months)
Le Saux 2005	No definition provided, termed "recurrence"	1 or 3 months
McCormick 2005	Returning to office with acute symptoms on days 13-30 with acute ear symptoms, abnormal tympanic membrane, and an AOM-Si score higher than at enrollment	30 days
Molder 2016	New episode defined as 28 days since prior AOM-related consultation	4 years
Mygind 1981	Not provided	3 months
Ruohola 2018	Recurrence assessed during scheduled visits	90 days +/- 10 days
Shahbaznejad 2021	Patient reported AOM symptoms recurrence	3 months
Thalin 1985	Recurrence of AOM after the end of medical treatment and before day 30	30 days