OBJECTIVE: to determine the incidence of AOM in a cohort of newborns in Cartagena, Colombia.

METHODS

Exclusion criteria: newborn in NICU, premature infant, low-birth-weight infant, craniofacial malformations, weight,

Follow-up: Personal/Telephone every 3 months for 15 months.

RESULTS

From a population of 1560 newborn at term, we enrolled a total of 876. Cumulative incidence 5%. RR: 1.04 [0.56-1.90]

DISCUSSION

Otolaryngologist evaluated the patients by otoneumatoscopy and according to the American Academy of Pediatrics criteria for AOM was considered sampling (tympanoscopy by CDT® Speculum

CONCLUSION: This is the first cohort study about incidence of AOM in the post PCV-10 era. The incidence is compatible with the findings of other authors (Tregnaghi, Bardach) in Latin America, where as the present study, the diagnosis was by otolaryngologist.