

## Results

This was performed by the above mentioned Meta-analytical soft ware, Review Manager (**RevMan 5**)

Our study analyzed three studies that compared oral steroids plus antibiotic versus antibiotic only in short term therapy(4 weeks) and resulted in a significant improvement in the group that were received steroids that were showed resolution in 122 (49%) patients with OME from a total number of 249 patients that were received steroids, in contrast to 57 (24%) patients were showed resolution from a total number of 239 in the control group.

Our study analyzed three studies that compared topical steroids with or without antibiotic versus placebo with or without antibiotic in treatment of OME in the short term (4 weeks), and resulted in resolution of 34 (36%) patients from a total number of 94 that were received topical steroids in contrast to 28 (25%) patients were showed resolution from a total number of 112 patients that were not exposed to topical steroids with no significant difference between the two groups.

Our study analyzed two studies that compared topical steroids with or without antibiotic versus placebo with or without antibiotic in treatment of OME in the intermediate term (8 weeks), and resulted in resolution of 14 (36%)



patients from a total number of 39 that were received topical steroids in contrast to 15 (25%) patients were showed resolution from a total number of 60 patients that were not exposed to topical steroids with no significant difference between the two groups.