

## EFFECT OF BREWED BLACK TEA AS ADJUST TREATMENT IN SEVERITY OF INFANTS' CONJUNCTIVITIS

M. Attarha

*Midwifery Dept. of Nursing, Midwifery Faculty of Arak Medical Sciences University, Arak, Iran*

**Material & methods:** This was a randomized clinical trial study in the Pediatric Clinic of Amir Kabir Hospital in Arak, Iran. A total of 110 infants were randomized into 2 treatment groups who received either brewed black tea add ophthalmic erythromycin ointment 1% with sulfastamid drop 10% (group A)TDS or just antibiotics (group B) for 7 days. In group A, before used of antibiotics sticky eyelids were wiped with sterile cotton of brewed black tea and in control group just antibiotics were applied. Severity of conjunctivitis at first, 3<sup>th</sup> and 7<sup>th</sup> days during treatment and duration of disease were determined.

**Results:** At first day of prescribing strategies, group A severity of infants' conjunctivitis were mild in 12/7 % ( 7), moderate 32/7 % ( 18) and sever 54/5 % ( 30). In just antibiotics were 18/2 % ( 10), 30/9%(17), 50/9 % ( 28) respectively. Difference wasn't significant. At 3<sup>rd</sup> day, in group A 74/5 % ( 41) of infants were cured, in 25/5%( 14), severity were mild. In control group, 9/1 % ( 5) cured, mild were 21/8 (12), moderate 47/3 % ( 26) and sever 21/8 % ( 12).

Differences was significant (P=0/001). At 7<sup>th</sup> days, in group A 100 % ( 55), in just antibiotics 34/5 % ( 19) were cured. Mild severity of conjunctivitis were 45/5 % ( 25) and moderate were 20 % ( 11), in control group.

**Conclusion:** Brewed black tea adds antibiotics reduced severity of infants' conjunctivitis and duration of treatment. It seems it is safe; effectiveness, accessible and cost benefit for adjust treatment of this disease.