

## عنوان مقاله:

RESISTANT MOTILE SALMONELLOSIS TREATMENT USING TRACHYSPERMUM EXTRACTS WITH YOGHURT  
IN PEAFOWL S

## محل انتشار:

نوزدهمین کنگره بین المللی میکروب شناسی ایران (سال: 1397)

تعداد صفحات اصل مقاله: 1

## نویسنده:

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## خلاصه مقاله:

**Background and Aim:** Trachyspermum (Ajowan fruit) is an annual aromatic plant in the family Apiaceae which almost smell like thyme because they contain thymol. The ajwain fruits yields an essential oil consist of thymol, gamma-terpinene, p-cymene and more than 20 trace compounds predominantly terpenoids. Its oils and extracts shows antimicrobial and fungicidal effects as well as stimulant, antispasmodic and carminative properties therefore it would be effective for infective diarrhea and atonic dyspepsia. Since chemical compounds showed some side effects and residues in animal production, herbal medicine will be an appropriate alternative. **Methods:** Current report goes to 10 Peafowl s infected with motile salmonella sp. in a birds garden. The birds were severely dehydrated, diarrheotic and downer. In differentiative stools culture motile salmonella Sp. were isolated, the antibiogram test for tetracyclines, neomycine, beta-lactam antibiotics, Enrofloxacin, Aminoglycosides, Cephalosporines and Fosmycine shows 1+ to 4+ resistation. **Results:** Finally a 1/4 (V/V) mixture of trachyspermum extracts in yoghurts and ORS powder using gastric tube were used as oral intake 5%-10% BW/birds, the birds fed 4 to 5 times a day. All the birds cured after 4 days and treatment were continued with trachyspermum extracts and yoghurts in their grains for 3 later days. **Conclusion:** At the end of herbal therapy the second stool culture showed some gram negative rods and fecal enetercocci and no any motile salmonella were isolated.

## کلمات کلیدی:

Salmonellosis, Peafowl, Trachyspermum, Resistant, treatment

## لینک ثابت مقاله در پایگاه سیویلیکا:

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