

论著

## 邻苯二甲酸二丁酯乳化液治疗蠕形螨病的研究

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摘要

目的 观察抗蠕灵邻苯二甲酸二丁酯乳化液治疗蠕形螨病的疗效。方法 应用该药治疗面部蠕形螨感染者447例,其中随机观察有粉刺、皮疹和脓疱疹患者30例,治疗20d后复查阴转例数并观察其治疗效果,并与市售肤螨灵、2%灭滴灵溶液和8%灭滴灵霜的疗效做比较试验。进行体外杀灭蠕形螨试验、动物毒性试验和局部用药安全试验。结果 治疗后20d复查,面部蠕形螨阴转率为92.8%(415/447),对有明显面部损害的患者治疗有效率为90.0%(27/30),明显高于其他3种药物(P<0.01)。体外杀灭蠕形螨试验结果显示,1h内能杀死全部蠕形螨。动物毒性试验显示LD50在安全范围,局部用药无明显刺激和过敏反应。结论 邻苯二甲酸二丁酯乳化液有望成为安全、高效的治疗蠕形螨病药物

关键词 [螨感染](#) [蠕形螨](#) [药物治疗](#) [邻苯二甲酸二丁酯](#)

分类号

## Studies of Di-n-butyl Phthalate-OP Emulsion in the Treatment of Demodicidosis

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Abstract

Objective To observe the curative effect of Di-n-butyl phthalate-OP emulsion in the treatment of demodicidosis. Methods 447 cases with Demodex infection on face were treated with Di-n-butyl phthalate-OP emulsion. Among them, 30 cases suffering from acne, tetter and pustule were also randomly observed. 20 days after treatment negative conversion rate and the therapeutic effect were evaluated. At the same time, the effect of this solution was compared with that of other three medicaments (FuManLing, 2% metronidazole and 8% metronidazole preparations). In vitro test of mites\|killing, toxicity test in experimental animals and the safety evaluation for local application were also performed. Results Results showed that the negative conversion rate was 92.8%(415/447), effective rate for the cases showing evident face damage was 90.0%(27/30). The result also indicated that the OP emulsion medicament was more effective than other three medicaments (P<0.01). In vitro test showed that this medicament killed all mites within 1 hour. Toxicity test in animals showed that its LD-50 was in safe range. It showed no evident stimulation and hypersensitivity by local use. Conclusion Di-n-butyl phthalate-OP emulsion is promising to be developed as a safe, effective therapeutic medicament on demodicidosis.

Key words [Mite infestations](#) [Demodex](#) [Drug therapy](#) [Di-n-butyl Phthalate](#)

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