

马来酸噻吗洛尔联合曲安奈德治疗婴幼儿混合型血管瘤的临床疗效

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Title: Effectiveness of solution of topical timolol maleate combined with triamcinolone acetonide injection for infantile mixed hemangiomas

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摘要: 目的:探讨马来酸噻吗洛尔滴眼液外用联合曲安奈德局部封闭注射治疗婴幼儿混合型血管瘤的临床疗效。方法:270例混合型血管瘤患儿随机分为两组,对照组给予曲安奈德局部注射,观察组两者联合治疗,3个月后评价疗效,比较两组临床有效率。结果:按照疗效评定法,两组的有效率分别为74.07%和91.85%,其中观察组有效率明显高于对照组($P < 0.005$)。观察组不良反应明显低于对照组($P < 0.005$)。结论:采用马来酸噻吗洛尔滴眼液外用联合曲安奈德局部注射治疗婴幼儿混合型血管瘤较单一疗法治疗有效率高,且不良反应降低。值得临床推广使用。

Abstract: Objective:To investigate the clinical efficacy of solution of topical timolol maleate combined with triamcinolone actonide injection for infantile mixed hemangiomas. Methods:A total of 270 infants with mixed hemangiomas were randomly divided into two groups.The control group was treated with triamcinolone acetamide injection only. The observation group was treated with topical timolol maleate combined with triamcinolone acetamide injection. Clinical effectiveness was observed three months after treatment and compared among the two groups. Results:Clinical improvement was shown in 74.07% of the control group, 91.85% of the observation group. The observation group demonstrated significant clinical improvement rate compared to the control group($P < 0.005$). The incidence of adverse reactions in the group observation was significantly lower than the control group($P < 0.005$).Conclusion:The combined method of topical timolol maleate and triamcinolone acetamide injection is more effective than single therapy in treatment of infantile mixed hemangioma,and can decrease adverse reactions.This method should be promoted in clinic.

参考文献/REFERENCES

- [1] Munden A,Butschek R,Tom WL,et al.Prospective study of infantile hemangiomas:Incidence,clinical characteristics and association with placental anomalies [J].Br J Dermatol,2014,170:907-913.
- [2] Zheng JW,Zhang L.Shift of treatment algorithm and methods for infantile hemangiomas [J].Chinese Journal of Stomatological Research,2015,9(2): 91-94. [郑家伟,张凌. 婴幼儿血管瘤治疗理念与方法的转变[J].中华口腔医学研究杂志,2015,9(2): 91-94.]
- [3] Xu DP,Cao RY,Tong S,et al. Topical timololmaleate for superficial infantile hemangiomas:An observational study [J].J Oral Maxillofac Surg,2015,73(6):1089-1094.
- [4] Li G,Xu DP,Tong S,et al.Oral propranolol with topical timololmaleate therapy for mixed infantile hemangiomas in oral and maxillofacial regions [J].J Craniofac Surg,2016,27(1):56-60.
- [5] Chinnadurai S,Sathe NA,Surawicz T.Laser treatment of infantile hemangioma:A systematic review [J].Lasers Surge Med,2016,48(3):221-233.
- [6] Zhang L,Cheng MS,Bai XF,et al.Treatment effect of oral propranolol combined with topical timolol maleate for infantile parotid hemangiomas [J].Chinese Journal of Practical Stomatology,2018,3(11):172-175. [张蕾,程沫沙,白晓峰,等.口服普萘洛尔与局部外用马来酸噻吗洛尔联合应用治疗婴幼儿腮腺区血管瘤疗效研究[J].中国实用口腔科杂志,2018,3(11):172-175.]

- [7] Li L,Song L,Wang SC,et al.The clinical observation of timolol maleate ophthalmic solution for 125 cases of infantile hemangioma [J] .Chin J Derm Venereol,2016, 30 (1) : 36-38. [李琳, 宋俐, 王胜春, 等. 马来酸噻吗洛尔滴眼液治疗婴幼儿血管瘤125例临床观察 [J] .中国皮肤性病杂志, 2016, 30 (1) : 36-38.]
- [8] Wei F,Zhou ZG,Li YF,et al.Comparing treatment effects among dual wavelength laser, triamcinolone acetone injection and combined two methods for infantile hemangioma [J] .China J Modern Medicine,2015, 25 (26) : 91-93. [魏芳, 周自广, 李彦锋, 等. 双波长激光联合药物皮损内注射治疗儿童皮肤血管瘤的临床研究 [J] .中国现代医学杂志, 2015, 25 (26) : 91-93.]
- [9] Chen LZ,Wang GH,Zheng SM,et al.Observation of clinical efficacy of DualWavelength Dye Laser combined with lauromacrogol injection in treating infantile mixed hemangioma [J] .Chinese Journal of Aesthetic Medicine,2015, 24 (4) : 45-48. [陈莲芝, 王根会, 郑树茂, 等. 双波长染料激光联合局部注射聚桂醇治疗婴幼儿混合性疗效观察 [J] .中国美容医学杂志, 2015, 24 (4) : 45-48.]
- [10] Ma Lin.Pediatric dermatology [M] .Beijing:People's Medical Publishing House,2014:156-166. [马琳.儿童皮肤病学 [M] .北京:人民卫生出版社,2014:156-166.]
- [11] Pope E, Chakkittakandiyil A. Topical timolol gel for infantile hemangiomas: A pilot study [J] . Arch Dermatol,2010, 146: 564-565.
- [12] Luo CF,Li SM,Su BL,et al.Safety and short-term efficacy of timolol maleate for the treatment of superficial infantile hemangiomas [J] . Chinese Journal of Pediatric Surgery,2013, 34(4): 241-244. [罗春芬, 黎胜苗, 苏宝利, 等. 外用噻吗洛尔治疗浅表婴幼儿血管瘤的近期疗效与安全性评价 [J] .中华小儿外科杂志, 2013, 34(4): 241-244.]
- [13] Cong H,Xu DP,Li YX,et al.Effect of 0.5% timolol maleate eye drops combination with oral propranolol on infant hemangioma [J] . China Journal of Oral and Maxillofacial Surgery,2014, 12(5): 441-445. [宫贺, 徐大朋, 李越霄, 等.0.5%马来酸噻吗洛尔滴眼液联合普萘洛尔治疗婴幼儿血管瘤疗效分析 [J] .中国口腔颌面外科杂志, 2014, 12(5): 441-445.]
- [14] Ji Y,Chen SY,Li K,et al.Propranolol:A novel antihemangioma agent with multiple potential mechanisms of action [J] .Ann Surg,2015,261(2):E52-E53.
- [15] Liu XF,Pan WD,Zhang YW,et al.Effect of laser combined with compound betamethasone injection in treating 20 cases of hypertrophic scar [J] . Chin J Derm Venereol,2016, 30 (5) : 527-529. [刘秀峰, 潘文东, 张元文, 等. 点阵激光联合复方倍他米松注射液治疗增生性瘢痕20例疗效观察 [J] .中国皮肤性病杂志, 2016, 30 (5) : 527-529.]

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