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# A Study of Nuclear DNA Content of Laryngeal Squamous Cancers

Cai Youqing, Zhu Yizao, and Yuan Boqing. (Department of Ear, Nose, and Throat, Xinqiao Hospital, Third Military Medical College, Chongqing 630037)

**Abstract** The nuclear DNA content of 33 specimens of pathologically confirmed laryngeal squamous cancers was determined with a Model MPV-Ⅲ microspectrophotometer (MSPM Leitz Company, West Germany). It was found that the nuclear DNA content of laryngeal squamous cancer was 26.29±12.84($\bar{x}\pm s$), and the normal range of the 95% of the average DNA content and the occurrence of hypertatraploid cells was 2.02% and 34.55% respectively, which were considered as the diagnostic criteria of laryngeal squamous cancers. In addition, the distribution of the cancer cells, and the relation of the DNA content, the occurrence rate of hypertatraploid cells, and the fraction of S-phase cells with the pathological classification of the cancers and their biological characteristics were discussed.

**Key words** laryngeal squamous cancer; nuclear DNA content; DNA index; hypertatraploid

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# 多抗甲素局封斑秃致4例过敏

赵莉蓉 李文维 蔡国芳（大坪医院 皮肤科）

近1年来我科用多抗甲素局封治疗斑秃近百例，疗效明显，但近期遇到过敏反应4例，报道如下：

## 1 一 般 情 况

男女各2例，年龄25岁～28岁，注射次数2～5次。

## 2 临床表现

4例患者均于局封后2 min～3min即出现胸闷、气紧、喉梗、呛咳、打喷嚏、流涕等不适，其中1例还出现局部发痒，全身起风团。有2例经注射地塞米松5 mg，1例注射肾上腺素1 mg，1例注射地塞米松、肾上腺素、苯海拉明后症状逐渐缓解，30min后症状完全消失。反应过程中测血压、脉搏均正常，呼吸稍急促。

追问病史，4例患者均无药敏史。

## 3 讨 论

多抗甲素是免疫增强剂，它是α-溶血性链球菌33*菌株经深层培养提练精制而得到的1种多糖类物质。能改善和增强机体免疫功能和应激能力，有抗炎作用。故我科用来治疗斑秃疗效显著。但本品对少数患者有一过性发热，起皮疹的副作用。我科仅出现4例过敏反应，但临床表现较为严重，以喉头水肿及胃肠型荨麻疹等为主要表现。在今后使用中应引起注意。此4例患者均系2次以上注射，对多次注射此药患者应常规备用急救药，一旦发生反应，立即使用肾上腺素或地塞米松治疗，能很快缓解症状。

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