

论文

773例早产儿视网膜病变筛查结果分析

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摘要:

目的 了解当地早产儿视网膜病变(ROP)的检出情况, 探讨ROP发病的临床特点及相关危险因素, 探索适合本地区新生儿重症监护病房的筛查标准。方法 对就诊的符合筛查标准的早产儿进行视网膜病变筛查, 记录其出生孕周、出生体质量、吸氧方式、筛查时的矫正出生孕周及眼底情况。结果 完成全部检查的早产儿共773例, 筛查出ROP患儿86例, 检出率为11.13%。86例患儿中,接受激光治疗的阈值病变和阈值前1类病变32例,放弃治疗及失访7例,其余47例ROP患儿经随访病变自行消退。结论 低出生体质量、低出生孕周、长时间氧疗和胎盘早剥是ROP发生的高危因素, 建议本地区新生儿重症监护病房的ROP筛查标准为出生体质量小于1500g或出生孕周小于32周。

关键词: 早产儿视网膜病变; 筛查标准; 新生儿筛查

Screening for retinopathy of prematurity: an analysis of 773 premature babies

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Abstract:

Objective To investigate the incidence, clinical characteristics and relevant risk factors of retinopathy of prematurity (ROP) in local premature babies, and to explore neonatal intensive care unit(ICU) screening standards suitable for the region. Methods Premature infants complying with screening standards were screened and their gestational age, birth weight, oxygen inhalation mode, corrected gestational age and fundus status were recorded. Results ROP was detected in 86(11.13%) of 773 premature infants. Among them, there were 32 infants with threshold and pre-threshold type I ROP receiving photocoagulation, 47 infants with spontaneous subsiding of the disease, and 7 infants lost in follow-up or giving up treatment. Conclusion Lower birth weight, younger gestational age, and longer period of oxygen inhalation and placenta abruption are high risk factors for ROP. The recommended neonatal ICU screening standards for ROP are infants with birth weights less than 1500g or premature infants with gestational ages less than 32 weeks.

Keywords: Retinopathy of prematurity; Screening standard; Neonate screening

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