

论著

外展支具配合学步车治疗发育性髋关节脱位的疗效评价

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摘要

目的: 评价可调可塑外展支具配合学步车对小儿发育性髋关节脱位 (developmental dysplasia of the hip, DDH) 的治疗效果。方法: 收集湘雅医院126例 (224髋) 6~36月的DDH患儿, 随机分为支具加学步车组70例 (130髋) 与改良蛙式石膏组56例 (94髋), 比较2组的治疗效果及术后并发症的发生率。结果: 支具加学步车组与改良蛙式石膏组疗效优良率分别为89.2%和90.4%, 差异无统计学意义 ($P > 0.05$)。支具加学步车组股骨头坏死的比例显著低于改良蛙式石膏组 (分别为1.5%和5.3%, $P < 0.05$), 但前者术后发生再脱位的比例显著高于后者 (分别为6.9%和1.1%, $P < 0.05$)。结论: 两种方法均能有效治疗DDH, 外展支具配合学步车治疗后出现股骨头坏死比例较低, 但再脱位比例较高。

关键词 [发育性髋关节脱位](#); [外展支具](#); [疗效](#)

分类号

Effect of abducens orthosis combined with walker on developmental dysplasia of the hip

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Abstract

Objective To evaluate the effect of abducens orthosis combined with walker on developmental dysplasia of the hip (DDH). Methods A total of 126 patients (224 hips) with DDH aged 6~36 months in Xiangya Hospital was randomly divided into 2 groups: an orthosis combined with walker group and an improved hip frog cast fixation group. Seventy patients (130 hips) were treated by the orthosis combined with walker and 56 patients (94 hips) were treated by the improved hip frog cast fixation. We compared the effect and complications of the 2 groups. Results The fineness rates of the orthosis combined with walker group and the improved hip frog cast fixation group were 89.2% and 90.4%, respectively, with no significant difference ($P > 0.05$). The rate of femoral head osteonecrosis in the orthosis combined with walker group was significantly lower than that in the improved hip frog cast fixation group (1.5% vs. 5.3%, $P < 0.05$), but the re-dislocation rate in the former was significantly higher than that in the latter (6.9% vs. 1.1%, $P < 0.05$). Conclusion Both methods are effective for DDH. Orthosis combined with walker has a lower proportion of femoral head osteonecrosis, but a higher proportion of re-dislocation.

Key words [developmental dysplasia of the hip](#) [abducens orthosis](#) [effect](#)

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