

论著

Norplant R I 和CLa 长期埋植者的细胞遗传学效应对比研究

尹娇杨¹ 孙晓玲² 刘权章³

¹沈阳医学院生物学教研室 沈阳 110031 ²辽宁省计划生育科学研究院遗传优生研究室 沈阳 110031

³哈尔滨医科大学大学生物学教研室 哈尔滨 150086

收稿日期 1998-6-28 修回日期 1998-9-25 网络版发布日期:

摘要 对长期皮下埋植NorplantR I型和CLa型避孕药剂的妇女和正常对照组的妇女的染色体畸变、姊妹染色单体互换及细胞微核等细胞遗传学指标进行了研究。结果提示:NorplantR I型可增加其应用者体内细胞诱变性环境的存在,使其染色体畸变率和姊妹染色单体互换率显著性增加,且有统计学意义,故应引起对长期皮下埋植NorplantR I型长效避孕皮埋药剂是否存在致突变作用问题的重视和进一步研究。CLa型长效避孕皮下埋植药剂未发现明显的致突变作用,从细胞遗传学角度上看是安全的。

关键词 [NorplantR I型](#) [CLa型](#) [长期皮下埋植避孕](#) [细胞遗传学](#)

CYTOGENETICS CAMPARI SON STUDIES ON EFFECTS OF NORPLANTR I AND CLA SUBDERMAL IMPLANT

Yin Ji aoyang¹, Sun Xi aoling², Liu Quanzhang³

¹Biology Section , Shenyang Medical College, Shenyang 110031, ²Section of Genetics and Eugenics, Liaoning Research Institute of Family Planning, Shenyang 110031, ³Biology Section, Harbin Medical College, Harbin 150086

Abstract We analysed cytogenetics indexes from 29 women and 27 women who had been implanting NorplantR I and CLa as a long term cont receptive system , respectively and f rom 19 women as the cont rol group. The results suggested that NorplantR I may be induce the existence of an increase mutagenic environment in cells of its impanter and significantly higher f requencies of chromosome aberration and sister chromatid exchange , the problems of NorplantR I subdermal implant for long term cont reception should be attached importance to and that this kind of CLa could not be a clastogen or mutagen2carcinogen.

Keywords [Norplant R I](#) [CLa](#) [Long-term subdermal implant for cont reception](#) [Cytogenetics](#)

DOI

通讯作者

扩展功能

本文信息

▶ [Supporting info](#)

▶ [\[PDF全文\]\(82k\)](#)

▶ [\[HTML全文\]\(0k\)](#)

▶ [参考文献](#)

服务与反馈

▶ [把本文推荐给朋友](#)

▶ [加入我的书架](#)

▶ [Email Alert](#)

相关信息

▶ [本刊中 包含“NorplantR I型”的 相关文章](#)

▶ 本文作者相关文章

· [尹娇杨](#) [孙晓玲](#) [刘权章](#)