

肿瘤防治

十年前后染发剂致血液系统不同恶性肿瘤的报告及文献复习

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摘要 背景与目的: 染发剂的致癌性及致突变性日益受到关注, 结合一例十年前后使用染发剂致不同血液系统恶性肿瘤的病例报告及文献复习, 进一步阐述染发剂与血液系统恶性肿瘤的关系。材料与方法: 血液系统恶性肿瘤的病例报告及国内外文献。结果: 国内外关于永久型染发剂的致突变性报道不一致, 可能是各国使用的染发剂的有效成分的纯度不同所致。关于半永久型染发剂目前普遍认为HCB1未经纯化时具有致突变性和致癌性, 纯化后致突变性大大减弱, 但致癌性不变, 提示HCB1的致突变性是由于产品不纯所致。HCB2具有致突变性但致癌性不能肯定。结论: 使用染发剂可以使部分血液系统恶性肿瘤的发病率增加。

关键词 [染发剂](#); [致癌](#); [致突变](#); [恶性肿瘤](#)

The Report and References About Different Malignancy in Blood System Caused by Hair Dye in Ten Years

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Abstract BACKGROUND & AIM: The character of hair dye causing cancer and causing mutation are increasingly getting attention. With the reports and references about different malignancy in blood system caused by hair dye in ten years, give more explanation about the relativity between hair dye with malignancy of blood system. MATERIAL AND METHODS: The report and references about malignancy in blood system in domestic and abroad. RESULTS: The reports of mutation character causing by permanence hair dye are variant in domestic and abroad. For the half-permanence hair dye, non-purification HCB1 is commonly considered having the character of causing mutation and cancer. After purification the character of causing mutation is greatly weakened, but the character of causing cancer have not changed. So non-purification of production is the reason of HCB1's character of causing mutation. HCB2 have the character of causing mutation, but character of causing cancer can not be confirmed. The paper report a case in which two different malignancy in blood system caused by hair dye occurred in a patient. CONCLUSION: Using hair dye caused the rate of malignancy in blood system increasingly.

Keywords [hair dye](#); [causing cancer](#); [causing mutation](#); [malignancy](#)

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