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Case Control Study

Cigarette smoking, dietary habits **29** and genetic polymorphisms in *GSTT1*, *GSTM1* and *CYP1A1* metabolic genes: A case-control study in oncohematological diseases

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Abstract

AIM

To analyze the association between oncohematological diseases and *GSTT1*/*GSTM1*/*CYP1A1* polymorphisms, dietary habits and smoking, in an argentine hospital-based case-control study.

METHODS

This hospital-based case-control study involved 125 patients with oncohematological diseases and 310 control subjects. A questionnaire was used to obtain sociodemographic data and information about habits. Blood samples were collected, and DNA was extracted

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Methods: This **case-control study** was carried out between May 2013 and **Tobacco smoking**, polymorphisms in carcinogen **metabolism enzyme genes**, and in several studies in association with **GSTT1** and **GSTM1 gene polymorphisms** of **MTHFR gene polymorphism** with folic acid, B12, Hcy levels, **dietary habits** ...

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