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NLM CIT. ID: 98060581

TITLE: Occupational exposure to polyvinyl chloride as a risk factor for testicular cancer evaluated in a case-control study.

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PUBLICATION TYPES:

JOURNAL ARTICLE

LANGUAGE: Eng

REGISTRY NUMBERS:

0 (Plastics)

9002-86-2 (Polyvinyl Chloride)

ABSTRACT:

Occupational exposures were assessed in a case-control study on testicular cancer using self-administered questionnaires. In total, answers were obtained for 148 (91%) cases and 315 (87%) controls. Of the cases, 101 had seminoma and 47 had embryonal testicular cancer. An increased odds ratio (OR) was found for exposure to polyvinyl chloride (PVC) yielding an OR of 6.6 (95% confidence interval, 1.4-32). The risk increased further if cases with self-reported cryptorchidism or orchitis were excluded. Six of the 7 exposed cases had seminoma. Exposure to other types of plastics did not significantly increase the risk of testicular cancer.

MAIN MESH HEADINGS:

Testicular Neoplasms/*CHEMICALLY INDUCED/COMPLICATIONS

Polyvinyl Chloride/*ADVERSE EFFECTS

Occupational Exposure/*ADVERSE EFFECTS

ADDITIONAL MESH SUBJECTS:

Support, Non-U.S. Gov't

Seminoma/CHEMICALLY INDUCED

Risk Factors

Plastics/ADVERSE EFFECTS

Orchitis/COMPLICATIONS

Odds Ratio

Neoplasms, Germ Cell and Embryonal/CHEMICALLY INDUCED

Middle Age

Male

Human

Cryptorchidism/COMPLICATIONS

Case-Control Studies

Aged

Adult

SOURCE: Int J Cancer 1997 Dec 10;73(6):1117-21

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NLM CIT. ID: 97268353

TITLE: Parental occupational exposure and the risk of testicular cancer in Ontario.

AUTHOR: Knight JA; Marrett LD

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PUBLICATION TYPES:

JOURNAL ARTICLE

LANGUAGE: Eng

ABSTRACT:

The incidence of germ cell testicular cancer is increasing, but its etiology remains largely unknown. Initiation may occur in a parental germ cell. In a case-control study in Ontario, jobs and industries of mothers (before and during pregnancy) and fathers

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http://igm-07.nlm.nih.gov/cgi-bin/19143_0.igm

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