

Study Name:

The Belgian case control study on bladder cancer

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Tel 32/(0)16 33 74 93**Key References:**Kellen E., et al. *Int J Cancer*. 2006 May 15;118(10):2572-8., Kellen E., et al.. *Int J Urol*. 2006 Sep;13(9):1180-4., Kellen E., et al.. *Cancer Lett*. 2007 Jan 8;245(1-2):51-60**Additional researchers:**

Eliane Kellen

Study Design: Population-based case control**Matching factors:** None**Country:** Belgium**ICD-0-3 morphology codes:** 81203**Follow up of cases?** No**Expected time of follow-up?** N.A.

Urinary Bladder ICD-0-3 morphology codes: Transitional cell carcinoma (81203); Papillary carcinoma (81303); Squamous cell carcinoma (80703); Adenocarcinoma (81403); Leiomyosarcoma (88903)

	Cases	Controls
Years of enrollment	2003-2005	2003-2005
Source population	Cancer registry	Population
Response rate (enrolled/eligible)	Not known	26%
Total number enrolled	200	386
Subjects with DNA	200	386
Ethnic origin	100% Caucasian	100% Caucasian
Age: mean (range)	67.67	64.24
Gender: % males	86	59

Questionnaire data	Cases	Controls
Demographics (age, sex, ethnicity, region, education etc.)	x	x
Active smoking	x	x
Passive smoking	-	-
Occupational exposures	x	x
Residential history	x	x
Water chlorination byproducts	-	-
Arsenic exposure	x	x
Other environmental exposures	x	x
Hair dye use	-	-
Drug use	-	-
Medical History	x	x
Family History	x	x
Quality of life	-	-
Diet/nutrition	x	x
Caffeine intake	x	x
Fluid intake	x	x
Urine pH measurements	-	-
Other information, please specify	-	-

Biological Samples	Cases	Controls
Blood DNA	x	x
Buccal DNA	x	x
Serum/plasma	x	-
Cryopreserved whole blood / lymphocytes	-	-
Red blood cells	-	-
Urine samples	-	-
Toenail clippings	-	-
Others, please specify	-	-
Paraffin tissue blocks	-	-

For Cases Only

Information at time of diagnosis	
Histological confirmation	X
Number of tumors	-
Tumor site	X
Tumor size	-
Tumor grade	-
Growth pattern	-
Treatment of primary tumor	-
Stage	-
Other information, please specify	-
Follow-up information	
Treatment information	-
Tumor recurrence	-
Tumor progression	-
Survival	-
Histological confirmation	-
Number of tumors	-
Tumor site	-
Tumor size	-
Tumor grade	-
Growth pattern	-
Stage	-
Active smoking	-
Occupational exposures	-
Drug use	-
Medical History	-
Quality of life	-
Caffeine intake	-
Fluid intake	-
Other information , please specify	-