

Study Name:
New Hampshire Bladder Cancer Study

Institution:
Dartmouth Medical School Section of biostatistics and epidemiology

Principal Investigators:
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Key References:
Karagas MR. et al. Environ Health Perspect. 1998 Aug;106 Suppl 4:1047-50.; Danaee H. et al. Oncogene. 2002 Jul 25;21(32):4894-9.; Andrew AS. et al. Int J Cancer. 2004 Apr 20;109(4):581-6.

Additional researchers:
Alan Schned
Karl Kelsey
Angeline Andrew
Carmin Marsit

Study Design:
Population-based Case-Control
ICD-0-3 morphology codes:
All

Matching factors:
None
Follow up of cases?
Yes

Country:
USA
Expected time of follow-up?
5-15 years or longer

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	1994-2001	1994-2001
Source population	New Hampshire USA	New Hampshire USA
Response rate (enrolled/eligible)	85%	70%
Total number enrolled	847	1091
Subjects with DNA	728	995
Ethnic origin	>90% White, Non-Hispanic	
Age: mean (range)	62	61
Gender: % males	84%	76%

Questionnaire data	Cases	Controls
Demographics (age, sex, ethnicity, region, education etc..)	x	x
Active smoking	x	x
Passive smoking	x	x
Occupational exposures	x	x
Residential history	x	x
Water chlorination byproducts	x	x
Arsenic exposure	x	x
Other environmental exposures	x	x
Hair dye use	x	x
Drug use	x	x
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	x
Cryopreserved whole blood / lymphocytes	x	x
Red blood cells	x	x
Urine samples	-	x
Toenail clippings	x	x

Others, please specify	-	-
Paraffin tissue blocks	X	
Frozen tissue	-	

For Cases Only

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