

Cohort Studies

2004 Epidemiology, Biostatistics and Clinical
Research Methods Summer Session
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Part 16

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Two Cohort Studies of the Effectiveness of Civil Protection Orders

<u>Characteristic</u>	<u>Study 1</u>
"Exposed" cohort	Seattle women seeking civil protection orders against male intimate partners, 10/97 – 12/98 (n=340)
"Nonexposed" cohort	Random sample of Seattle women reporting intimate partner violence to Seattle police during 10/97 – 12/98 who did not seek a civil protection order (n=157)

Am J Prev Med 2003;24:16-21

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Two Cohort Studies of the Effectiveness of Civil Protection Orders

<u>Sources of data on:</u>	<u>Study 1</u>
a. "Baseline" characteristics	Telephone interview at time of index incident
b. Outcome events	Telephone interviews at 5 months and 9 months
Nature of outcome events	Reports of threats; sexual, psychological, and physical abuse; injury; and abuse-related medical care

Am J Prev Med 2003;24:16-21

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Two Cohort Studies of the Effectiveness of Civil Protection Orders

Study Limitations

Study 1

Failure to ascertain occurrence of outcome events in all study participants:

- a) Women with protection orders:
5.1% at 5 months,
11.5% at 9 months;
- b) Other women:
19.5% at 5 months,
29.5% at 9 months

Am J Prev Med 2003;24:16-21

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Two Cohort Studies of the Effectiveness of Civil Protection Orders

Characteristic

Study 2

"Exposed" cohort	Seattle women seeking civil protection orders against male intimate partners, 8/98 – 12/99 (n=325)
"Nonexposed" cohort	Seattle women reporting intimate partner violence to Seattle police during 8/98 – 12/99 who did not seek a civil protection order (n=2366)

JAMA 2002;288:589-94

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Two Cohort Studies of the Effectiveness of Civil Protection Orders

Sources of data on:

Study 2

a. "Baseline" characteristics	Police and court records
b. Outcome events	Police reports during the 12 months following the index incident
Nature of outcome events	Psychological and physical abuse

JAMA 2002;288:589-94

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Two Cohort Studies of the Effectiveness of Civil Protection Orders

Study Limitations

Study 2

- a. Incomplete ascertainment of outcome events due to:
 - 1) migration out of Seattle
 - 2) report not made to police

- b. Limited information on potential confounding variables

JAMA 2002;288:589-94

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Epidemiologic Perspectives



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- Ed Boyko, MD, MPH, Seattle ERIC Director, interviews Emily White, PhD, MS, Member, Fred Hutchinson Cancer Research Center and Professor of Epidemiology, University of Washington, about her Cohort Study of Dietary Supplements and Cancer Risk.

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