

Practice Relative Risk Handout

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I. Background

A. General Abuse Statistics

1. 11% or 4 million women physically assaulted annually
2. 3-4% or approx. 2 million women experience severe violence
3. 3-20% of women emotionally abused who are not assaulted
4. 15-20% sexually abused and 50% of physically abused
5. Cost to employers estimated at 3-10 billion annually
6. Health costs unknown

II. Preliminary study

A. Objectives

1. Determine what patients in this setting wanted physicians and providers to do to help abused women
2. Determine the feasibility of a large scale study
3. Preliminary estimates of health outcomes of abused women compared to women never abused

B. Ages 18 to 44

C. Surveyed from

1. Community Health Plan centers (local HMO)
2. Outreach programs at local domestic violence programs
3. Shelter residents
4. Staff of domestic violence services

D. Timeline

1. Data collected Spring 1996
2. Data Analysis Summer 1997 - present

E. Outcome Variables

- | | |
|------------------------|-----------------------|
| 1. Headache | 6. Stomach Pain |
| 2. Fatigue | 7. Chest pain |
| 3. Insomnia | 8. Pelvic pain |
| 4. Shortness of breath | 9. Vaginal infections |

F. 146 women with abuse category known

G. 36 women never abused

H. 110 (75%) experienced some kind of physical or emotional abuse in last year

Calculate Relative Risk

ABUSED * SXLHEAD Crosstabulation

Count		SXLHEAD		Total
		No	Yes	
ABUSED	No	10	25	35
	Yes	11	95	106
Total		21	120	141

ABUSED * SXLINSOM Crosstabulation

Count		SXLINSOM		Total
		No	Yes	
ABUSED	No	22	10	32
	Yes	36	66	102
Total		58	76	134

ABUSED * SXLCHEST Crosstabulation

Count		SXLCHEST		Total
		No	Yes	
ABUSED	No	29	3	32
	Yes	62	39	101
Total		91	42	133

ABUSED * SXLPELV Crosstabulation

Count		SXLPELV		Total
		No	Yes	
ABUSED	No	26	8	34
	Yes	65	35	100
Total		91	43	134

ABUSED * SXLSTOM Crosstabulation

Count		SXLSTOM		Total
		No	Yes	
ABUSED	No	23	10	33
	Yes	37	65	102
Total		60	75	135

ABUSED * SXLCHOK Crosstabulation

Count		SXLCHOK		Total
		No	Yes	
ABUSED	No	31	1	32
	Yes	72	21	93
Total		103	22	125

ABUSED * SXLBREA Crosstabulation

Count		SXLBREA		Total
		No	Yes	
ABUSED	No	26	8	34
	Yes	42	57	99
Total		68	65	133

ABUSED * SXLVAG Crosstabulation

Count		SXLVAG		Total
		No	Yes	
ABUSED	No	23	12	35
	Yes	63	33	96
Total		86	45	131

ABUSED * SXLFAT Crosstabulation

Count		SXLFAT		Total
		No	Yes	
ABUSED	No	22	12	34
	Yes	36	69	105
Total		58	81	139

Symptom	Relative Risk
Headache Insomnia Chest Pain Pelvic Pain Stomach Pain Choking Shortness of Breath Vaginal Infections Fatigue	