

Supplementary Online Content

Domchek SM, Friebel TM, Singer CF, et al. Association of risk-reducing surgery in *BRCA1* or *BRCA2* mutation carriers with cancer risk and mortality. *JAMA*. 2010;304(9):967-975.

eTable 1. Comparability of RRSO and non-RRSO participants

eTable 2. Deceased RRSO Participant Characteristics

This supplementary material has been provided by the authors to give readers additional information about their work.

Table 1. Comparability of RRSO and Non-RRSO Participants

	RRSO n=993	Non-RRSO - 1489
Ascertainment (Median year, Range)	1998 (1973-2007)	1999 (1974-2008)
Genetic test disclosure (Median)	2001	2002
RRM	153 (15%)	104 (7%)
BRCA1	706 (71%)	881 (59%)
BRCA2	287 (29%)	608 (41%)
Median Follow up (Range)	3.65 (0.52-27.4)	4.29 (0.50-27.9)
HRT use: Yes	182 (18%)	120 (8%)
No	644 (65%)	1167 (78%)
Unknown	167 (17%)	202 (14%)

Table 2. Deceased RRSO Participant Characteristics

Group	Mutation	Age in Years of:				Cause of Death
		RRSO	Breast Cancer Diagnosis	Ovarian or Primary Peritoneal Cancer Diagnosis	Death	
<i>No Cancer before RRSO</i>	<i>BRCA1</i>	41.0	--	--	42.0	No cancer (never had cancer)
	<i>BRCA1</i>	39.3	40.7	--	54.2	Breast Cancer
	<i>BRCA1</i>	37.5	42.5	--	43.5	Breast Cancer
	<i>BRCA1</i>	47.4	48.4	50.1	54.6	Ovarian Cancer
	<i>BRCA1</i>	47.8	--	49.5	50.3	Ovarian Cancer
	<i>BRCA1</i>	37.4	--	43.1	45.6	Ovarian Cancer
	<i>BRCA1</i>	45.0	--	--	48.0	Other Cancer, Leukemia at age 47
	<i>BRCA1</i>	79.0	--	--	80.7	Other cancer, Stomach cancer age 76
<i>Breast Cancer before RRSO</i>	<i>BRCA2</i>	53.7	52.4	--	61.1	Breast Cancer
	<i>BRCA1</i>	50.0	33.5	--	52.4	Breast Cancer
	<i>BRCA1</i>	58.6	57.1	--	67.4	Breast Cancer
	<i>BRCA1</i>	39.1	38.3	--	40.1	Breast Cancer
	<i>BRCA1</i>	35.7	35.2	--	39.5	Breast Cancer
	<i>BRCA1</i>	31.5	29.6	--	34.9	Breast Cancer
	<i>BRCA1</i>	32.9	30.6	--	33.6	Breast Cancer
	<i>BRCA1</i>	45.8	38.8	--	48.4	Breast Cancer
	<i>BRCA1</i>	34.4	34.3	--	37.7	Breast Cancer
	<i>BRCA1</i>	49.8	47.6	--	51.8	Breast Cancer
	<i>BRCA2</i>	61.8	55.0	--	75.0	Breast Cancer
	<i>BRCA1</i>	49.0	47.4	--	52.0	Breast Cancer
	<i>BRCA1</i>	38.8	38.0	--	41.6	Breast Cancer
	<i>BRCA1</i>	51.2	43.7	--	52.9	Breast Cancer
	<i>BRCA2</i>	51.6	50.1	--	54.5	Breast Cancer
	<i>BRCA2</i>	34.8	30.4	--	37.3	Breast Cancer
	<i>BRCA2</i>	62.3	51.1	--	64.5	Breast Cancer
	<i>BRCA1</i>	45.9	45.2	--	49.8	Breast Cancer
	<i>BRCA1</i>	44.6	36.3	45.7	49.7	Ovarian Cancer
	<i>BRCA1</i>	55.5	41.9	--	60.1	Breast Cancer
<i>BRCA2</i>	54.9	53.8	--	61.0	Dead, unknown cause	
<i>BRCA1</i>	44.0	43.0	--	49.9	Dead, unknown cause	
<i>BRCA1</i>	39.0	36.1	--	48.2	Other Cancer, Leukemia at age 46	