Prospective Study of Seaweed Consumption and Thyroid Cancer Incidence in Women: The Japan Collaborative Cohort Study.

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Table 1s. Hazard ratios (HRs) and 95% confidence intervals (CIs) of thyroid cancer according to seaweed consumption, 1988 - 2009, JACC study. (Incidence within 3 years follow-up excluded)

	Seaweed consumption frequency			
	< 1-2 times/week	3-4 times/week	Daily or almost daily	*p* for trend
Total thyroid cancer				
Number of subjects	11,823	10,059	13,753	
Number of cases	21	21	27	
Person-years of follow-up	146,090	125,999	175,759	
Model 1	1	1.15 (0.63 - 2.10)	1.08 (0.61 - 1.91)	0.86
Model 2	1	1.06 (0.57 - 1.96)	1.00 (0.56 - 1.80)	0.96
Papillary carcinoma				
Number of cases	16	14	13	
Model 1	1	1.01 (0.49 - 2.06)	0.69 (0.33 - 1.43)	0.99
Model 2	1	0.95 (0.45 - 1.97)	0.65 (0.31 - 1.38)	0.24

Model 1 adjusted for age;

Model 2 adjusted for age, smoking and drinking status, body mass index, education level, fish consumption frequency, menopausal status, hormone use, gynecological cancer screening.

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Table 2s. Hazard ratios (HRs) and 95% confidence intervals (CIs) of thyroid cancer incidence according to seaweed consumption frequency stratified by menopausal status, 1988 - 2009, JACC study. (Incidence within 3 years follow-up excluded)

	Seaweed consumption frequency			
	< 1-2 times/week	3-4 times/week	Daily or almost daily	*p* for trend
Total thyroid cancer				
Premenopausal				
Number of subjects	3,191	2,844	3,153	
Number of cases	4	6	9	
Person-years of follow-up	44,805	40,321	45,762	
Model 1	1	1.71 (0.48 - 6.03)	2.05 (0.63 - 6.69)	0.28
Model 2	1	1.63 (0.45 - 5.91)	2.20 (0.65 - 7.37)	0.21
Postmenopausal				
Number of subjects	7,623	6,614	9,732	
Number of cases	17	15	18	
Person-years of follow-up	101,285	85,678	129,997	
Model 1	1	1.03 (0.51 - 2.06)	0.83 (0.43 - 1.62)	0.55
Model 2	1	0.95 (0.47 - 1.93)	0.76 (0.37 - 1.57)	0.36
Papillary carcinoma				
Premenopausal				
Number of cases	3	4	5	
Model 1	1	1.52 (0.34 - 6.79)	1.52 (0.36 - 6.38)	0.61
Model 2	1	1.28 (0.28 - 5.83)	1.32 (0.30 - 5.75)	0.74
Postmenopausal				
Number of cases	13	10	8	
Model 1	1	0.89 (0.39 - 2.04)	0.49 (0.21 - 1.18)	0.10
Model 2	1	0.85 (0.37 - 1.98)	0.47 (0.19 - 1.15)	0.09

Model 1 adjusted for age;

Model 2 adjusted for age, smoking and drinking status, body mass index, education level, fish consumption frequency, menopausal status, hormone use, gynecological cancer screening, times of pregnancy and delivery.

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Table 3s. Hazard ratios (HRs) and 95% confidence intervals (CIs) of thyroid cancer incidence according to seaweed consumption frequency in postmenopausal women*, 1988 - 2009, JACC study.

	Seaweed consumption frequency			
	< 1-2 times/week	3-4 times/week	Daily or almost daily	*p* for trend
Total thyroid cancer				
Number of subjects	7,627	6,618	9,739	
Number of cases	19	16	23	
Person-years of follow-up	89,297	78,397	119,128	
Model 1	1	0.95 (0.49 - 1.86)	0.94 (0.51 - 1.72)	0.84
Model 2	1	0.86 (0.44 - 1.69)	0.83 (0.45 - 1.56)	0.61
Papillary carcinoma				
Number of cases	15	13	12	
Model 1	1	0.98 (0.47 - 2.07)	0.62 (0.29 - 1.33)	0.19
Model 2	1	0.90 (0.42 - 1.93)	0.57 (0.26 - 1.24)	0.14

*Subjects were restricted to those with valid self-reported age of menopause.

Model 1 adjusted for age;

Model 2 adjusted for age, smoking and drinking status, body mass index, education level, fish consumption frequency, menopausal status, hormone use, gynecological cancer screening, times of pregnancy and delivery.

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Table 4s. Hazard ratios (HRs) and 95% confidence intervals (CIs) of thyroid cancer incidence according to seaweed consumption frequency in postmenopausal women*, 1988 - 2009, JACC study. (Incidence within 3 years follow-up excluded)

	Seaweed consumption frequency			
	< 1-2 times/week	3-4 times/week	Daily or almost daily	*p* for trend
Total thyroid cancer				
Number of subjects	7,623	6,614	9,732	
Number of cases	15	12	16	
Person-years of follow-up	89,292	78,392	119,121	
Model 1	1	0.90 (0.42 - 1.93)	0.82 (0.41 - 1.67)	0.59
Model 2	1	0.85 (0.39 - 1.85)	0.76 (0.37 - 1.57)	0.47
Papillary carcinoma				
Number of cases	12	9	7	
Model 1	1	0.85 (0.36 - 2.00)	0.45 (0.18 - 1.15)	0.09
Model 2	1	0.83 (0.34 - 2.00)	0.43 (0.16 - 1.12)	0.07

*Subjects were restricted to those with valid self-reported age of menopause.

Model 1 adjusted for age;

Model 2 adjusted for age, smoking and drinking status, body mass index, education level, fish consumption frequency, menopausal status, hormone use, gynecological cancer screening, times of pregnancy and delivery.

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