Thyroid Ultrasound Examination

Thyroid Ultrasound Examination: Results of the Third Full-scale Survey (Fourth-round Survey) Latest Examination Results: http://www.pref.fukushima.lg.jp/site/portal/kɛnkocyosa-kentoiinkai.html (in Japanese)

Results of the Primary Examination

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	Number of eligible subjects (people)	Number of examinees (people)			Number of those diagnosed (people)								
		Examination rate (%)	Examinees from outside of the prefecture	Diagnosis rate (%)	Breakdown by grade (%)								
					Α		Those recommended to take the Confirmatory Examination						
					A 1	A 2	В	С					
Total	294,240	180,570(61.4)	9,799	177,424 (98.3)	59,808(33.7)	116,289(65.5)	1,327(0.7)	0 (0.0)					

Grade A: 99.3%

Results of the Confirmatory Examination

		Number of examinees (people)	Number of those who received a definitive diagnosis (people)					
	Number of		Rate of definitive diagnosis (%)	For next ex	amination	For regular healthcare program, etc.		
	eligible subjects (people)	Examination rate (%)		A 1	A 2		Those who received fine-needle aspiration cytology	
Total	1,327	741(55.8)	647(87.3)	2(0.3)	57(8.8)	588(90.9)	49(8.3)	

* The total of percentages with one decimal place may not be 100% due to rounding.

Results of the fine-needle aspiration cytology

Malignant or suspicious for malignancy: 21 people; 11 males and 10 females Average age: 16.6 ± 2.5 years old (11 to 20 years old); At the time of the earthquake: 8.6 ± 2.4 years old (4 to 12 years old) Average tumor size: $11.6 \pm 5.3 \text{ mm} (6.1 \text{ to } 29.4 \text{ mm})$

• Out of 21 people whose tumors were diagnosed as malignant or suspicious for malignancy, 13 received surgery (papillary cancer: 13).

Prepared based on the material for the 39th Prefectural Oversight Committee Meeting for Fukushima Health Management Survey

These are the results of the third Full-scale Survey which was the fourth round of the Thyroid Ultrasound Examination.

Examinees diagnosed as Grade A in the Primary Examination accounted for 99.3% of the total, while those diagnosed as Grade B accounted for 0.7%. Most of those diagnosed as Grade A2 had cysts of 20 mm or smaller and those diagnosed as Grade B had nodules of 5.1 mm or larger. This tendency was the same as that observed in the Preliminary Baseline Survey and the first and second Full-scale Surveys (second- and third-round surveys).

In the Confirmatory Examination, as a result of fine-needle aspiration cytology, 21 examinees were diagnosed that their tumors were malignant or suspicious for malignancy.

Included in this reference material on March 31, 2021