Thyroid Ultrasound Examination

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

Results of the Primary Examination

	Number of eligible subjects (people)	Number of examinees (people)			Number of those diagnosed (people)				
			Examinees from outside of the prefecture	Diagnosis rate (%)	Breakdown by grade (%)				
						Those recommended to take the Confirmatory Examination			
					A 1	A 2	В	С	
Total	294,237	183,352(62.3)	10,203	183,338 (100.0)	61,691(33.6)	120,256(65.6)	1,391(0.8)	0 (0.0)	

Grade A: 99.2%

• Results of the Confirmatory Examination

	Number of eligible subjects (people)	Number of examinees (people) Examination rate (%)	Number of those who received a definitive diagnosis (people)						
			Rate of definitive diagnosis (%)	For next e	xamination	For regular healthcare program, etc.			
				A 1	A 2		Those who received fine-needle aspiration cytology		
Total	1,391	1,021(73.4)	991(97.1)	6(0.6)	87(8.8)	898(90.6)	87(9.7)		

- Results of the fine-needle aspiration cytology Malignant or suspicious for malignancy: 36 people; 16 males and 20 females Average age: 16.6 ± 3.0 years old (9 to 24 years old); At the time of the earthquake: 8.1 ± 2.9 years old (0 to 14 years old) Average tumor size: $13.3 \pm 6.4 \text{ mm}$ (6.1 to 29.4 mm)
- Out of 36 people whose tumors were diagnosed as malignant or suspicious for malignancy, 29 received surgery (papillary cancer: 29).

Prepared based on the material for the 43rd 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 99.2% of the total, while those diagnosed as Grade B accounted for 0.8%. 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, 36 examinees were diagnosed that their tumors were malignant or suspicious for malignancy.

Included in this reference material on March 31, 2021 Updated on March 31, 2022