Thyroid Ultrasound Examination

Thyroid Ultrasound Examination: Results of the First Full-scale Survey (Second-round Survey)

Latest Examination Results: http://www.pref.fukushima.lg.jp/site/portal/kenkocyosa-kentolinkai.html (in Japanese)

Results of the Primary Examination

The suits of the Filliary Examination									
	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	381,244	270,540(71.0)	15,658	270,529 (100.0)	108,718(40.2)	159,584(59.0)	2,227(0.8)	0 (0.0)	

Results of the Confirmatory Examination

Grade	Δ	٠	99.2%

			Number of examinees	Number of those who received a definitive diagnosis (people)				
1		Number of	(people)	Rate of definitive	For next examination		For regular healthcare program, etc.	
		eligible subjects (people)	Examination rate (%)		A 1	A 2		Those who received fine-needle aspiration cytology
	Total	2,227	1,874(84.1)	1,826(97.4)	63(3.5)	365(20.0)	1,398(76.6)	207(14.8)

^{*} 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: 71people; 32 males and 39 females Average age: 16.9 ± 3.2 years old (9 to 23 years old); At the time of the earthquake: 12.6 ± 3.2 years old (5 to 18 years old)
- Average tumor size: 11.1 ± 5.6 mm (s.3 to 35.6 mm)
- Out of 71 people whose tumors were diagnosed as malignant or suspicious for malignancy, 54 received surgery (papillary cancer: 53; other types of thyroid cancer: 1).

Prepared based on the material for the 31st and 39th Prefectural Oversight Committee Meeting for Fukushima Health Management Survey

These are the results of the first Full-scale Survey, which was the second 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.

In the Confirmatory Examination, as a result of fine-needle aspiration cytology, 71 examinees were diagnosed that their tumors were malignant or suspicious for malignancy.

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