

\$PSSFMBUJPO PG)PU /PEVMFT BOE \$ZUPQBUIPM
*OTUJUVUJPO

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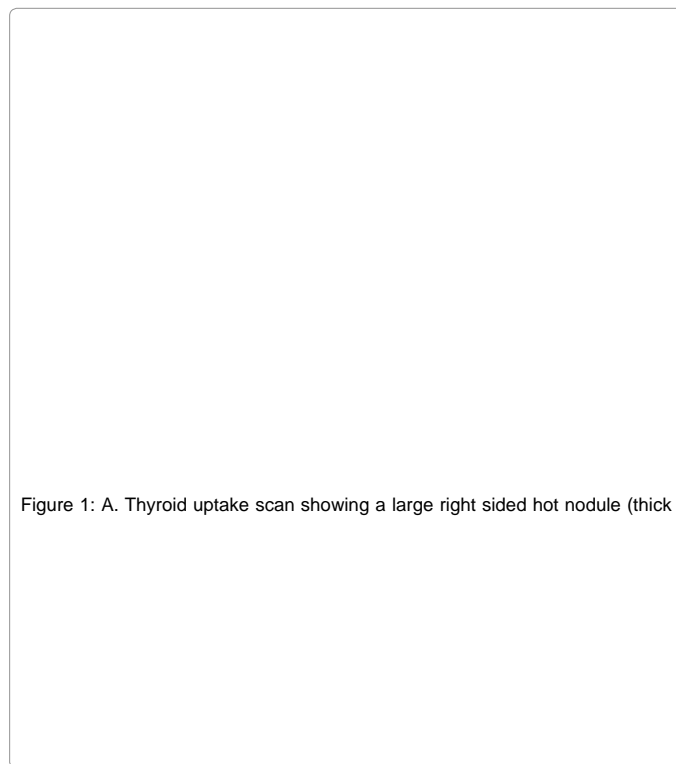
¹

Sex	Age	Cold nodule	Hot nodule	Gland suppression	Uptake value%	FNA results: P/N	Surgery
Female	67	no	yes	yes	10.2	1 2 1 (MNG
Female	46	no	yes	yes	11.3	Negative	1 2 1 (
Female		no	yes	yes	20.7	Atypical	1 2 1 (
Female	52	no	yes	0		Negative	Negative
Female	70	no	yes	0		Negative	1 2 1 (
Female	43	no	yes	yes	23.9	Negative	1 2 1 (
Female		no	yes	0	39.7	Negative	1 2 1 (
Female	69	no	yes	yes	29.6	Negative	1 2 1 (
Female		yes	yes	yes	31.6	Negative	1 2 1 (
Female	20	no	yes	yes	42	1 2 1 (MNG
Female	51	no	yes	yes		Negative	1 2 1 (
Female	77	no	yes	yes	13	Negative	1 2 1 (
Female	65	no	yes	yes	7.2	Negative	1 2 1 (
Female	38	yes	yes	yes	32.8	Suspicious PTC	PTC
Female	15	no	yes	yes	1 2 1 (Negative	1 2 1 (
Female	59	no	yes	yes		Negative	1 2 1 (
Female	45	yes	yes	yes		Follicular neoplasm	Follicular adenoma
Female	55	no	yes	yes	17	Negative	1 2 1 (
Male		no	yes	no	14.5	Negative	1 2 1 (
Female	23	no	yes	yes	19.4	Negative	1 2 1 (
Female		no	yes	yes	21.3	Negative	1 2 1 (
Female	59	no	yes	no	13.6	Negative	1 2 1 (
Female	63	yes	yes	no	13	, Q G H W H U M N G Q D W H	
Male	79	no	yes	yes	24	Negative	1 2 1 (
Female	63	no	yes	yes		Negative	1 2 1 (
Female	36	yes	yes	yes	37.7	1 2 1 (MNG
Female		yes	yes	no		Suspicious Follicular neoplasm	1 2 1 (
Female	70	yes	yes	yes	13.6	+ X U W K O H + X U W K O H	cell nodule
Female	59	yes	yes	no	37.2	Negative	1 2 1 (
Female	77	no	yes	yes	30	Negative	1 2 1 (
Female	55	no	yes	no	27.6	Negative	1 2 1 (
Female	54	yes	yes	no	1 2 1 (Negative	1 2 1 (
Female	39	no	yes	yes	16.3	Negative	1 2 1 (
Female		no	yes	yes	25.2	Negative	1 2 1 (
Female	53	no	yes	yes	34	Negative	1 2 1 (
Female	46	yes	yes	yes	26.7	Negative	1 2 1 (
Female	34	no	yes	yes	36.3	Negative	1 2 1 (
Female	72	no	yes	yes		Negative	1 2 1 (
Male	22	no	yes	yes	35	1 2 1 (Follicular adenoma
Female	46	yes	yes	yes	16.5	Negative	1 2 1 (
Female	42	yes	yes	yes	19	Follicular neoplasm	Follicular adenoma
Female	55	yes	yes	yes	25.4	Negative	1 2 1 (
Female	63	no	yes	yes	20	Follicular neoplasm	Follicular adenoma
Female	55	no	yes	yes	27.6	Negative	1 2 1 (
Female	79	no	yes	yes	6.6	Negative	1 2 1 (
Female	57	no	yes	yes	50.1	Negative	1 2 1 (
Female	37	no	yes	yes		Negative	1 2 1 (
Female	37	no	yes	yes		Negative	1 2 1 (
Male	73	yes	yes	yes	26	Negative	1 2 1 (
Female	45	no	yes	yes	33.5	Hurthle cell neoplasia	Hurthle cell cancer
Female	61	no	yes	yes	37.9	Negative	1 2 1 (

Female	49	no	yes	yes		Negative	Goiter-TT
Female	41	no	yes	yes		Negative	1 2 1 (
Female	42	no	yes	yes	27.9	Negative	1 2 1 (
Female	47	no	yes	yes	15	Negative	Goiter-TT
Female	49	no	yes	no		Negative	1 2 1 (
Female	74	no	yes	yes	22.9	Negative	1 2 1 (
Female	21	no	yes	yes	40.3	Negative	Goiter-Rt
Female	50	no	yes	yes	39.5	Negative	1 2 1 (
Female	49	no	yes	yes	15.3	Negative	1 2 1 (
Female	43	no	yes	yes	47.4	Negative	1 2 1 (
Female	21	no	yes	yes	16.7	Negative	Goiter-Lt
Female	32	no	yes	no	6	Negative	1 2 1 (
Female	34	no	yes	yes		Negative	1 2 1 (
Female	67	no	yes	yes	22.4	Negative	1 2 1 (

37 & 3DSLOODU\ 7K\URLG & DQFHU

Table 1: Summary of cytopathology correlation with thyroid scan results .



30%. While 3% (2/65) of the patients had no uptake measurement performed.

Only 25% (16/65) of the cohort underwent surgical resection, usually for a Goiter. All except 4 patients had an FNA performed who instead underwent a surgical resection as the initial diagnostic step. 3% (2/65) of cases were malignant. However, in one case, we found that a papillary micro carcinoma involved a lobe contralateral to the hot nodule on the nuclear scan, so the cancer did not correlate to a hot nodule. It should be noted however that a second nodule, this one “cold” (nonfunctioning), had been identified in this same patient corresponding to the microcarcinoma as shown in Figure 1. The second patient found to have a malignancy had a surgical resection revealing Hurthle cell carcinoma corresponding to the hot nodule as seen in Figure 2. The tumor was large, at least 3 cm in size on postoperative histologic evaluation. Furthermore, the patient was found to be hyperthyroid with a low TSH, with abnormal values ranging between

0.005-0.0010 mIU/l (Normal: 0.5-4.5 mIU/l).

Discussion