

Tab. X. Thermographic categories and histo-pathological nature.

	TH1	TH2	TH3	TH4	TH5	TOTAL
Differentiated Epitheliomas	3 4 %	14 17%	15 20%	31 41%	14 18%	78
Undifferentiated Epitheliomas	1 3%	3 9%	3 9%	17 52%	9 27%	33
Miscellaneous	0	1	2	3	1	7
	4	18	21	51	24	118

problem of the TH3 interpretation is set and is, as we know, difficult. In mammary thermography, the percentage is variable, according to the various Centres, from 15 to 25%. It is also similar in thyroid thermography. Finally, such a result by its imprecision prompts us to caution.

Secondly, false-positives.

All french or foreign statistic agree in estimating their percentage at about 10% in the mammary thermography field. In thyroidal thermography, the whole figure is lower and seems statistically significant: **6,75%.** This outcome confirms the one announced in 1975 (Tunis Congress). Indeed, if we only consider the TH5, the positivity of the method is of 99,5% which re-

presents a result clearly higher than the one achieved in the breast area (Table XI). Finally, what do false-negative results mean?

In mammary thermography, opinions are very divided and the results of percentages achieved vary between 5 to 30% (Table XII).

It is then difficult to obtain an average value and this, particularly when the equipment and the parameters of classification used are not always similar. We can however accept, without incurring too many risks, a figure between 15 to 20%. This may be considered reliable and homogeneous statistic. It is based on statistics from 6 Cancer Centres.

We have a similar percentage found for thyroids, this indicates the need for interpreting negative thermograms with great care.

In diagnosis as in other cancer detection, the results of thyroidal thermography must be considered with some care. However for the few elements of additional contribution and it is totally harmless, thermography has certainly a place among the methods for the exploration of the thyroid.

Tab. XI. Thermographic categories of 1219 benign tumours of breast (Amalric and al.).

TH1	287 cases	24%	67%
TH2	527 cases	43%	
TH3	268 cases	22%	22%
TH4	107 cases	9%	
TH5	30 cases	2 %	11%

Tab. XII. False negative in mammary thermography.

Amalric	Marseilles	9%	)	15 to 20%
Le Treut	Bordeaux	13%		
6 Cancer Centres		18%	)	
		22%		
Naja	Toulouse	27%	)	
Gros	Strasbourg	28%	)	
Isard	U.S.A.	29%	)	
Lilienfield				