

Blood Flow of the Breast Tumor
(measured by ^{133}Xe -clearance)

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Blood flow measured by ^{133}Xe -clearance was studied in comparison with the histological diagnosis in 57 cases of the breast tumor.

From these results, it was found that there was no correlation between the histological diagnosis and blood flow except scirrhuos carcinoma.

Furthermore, we shall study the relation of blood flow and the capillary of tumor.

Histological Diagnosis	Number of Cases	Mean Blood Flow(cc/ 100 g/min)
Mastitis	6	28.85 ± 31.86
Mastopathy	7	14.56 ± 9.60
Fibroadenoma	25	22.81 ± 12.71
Medullar		
Tubular Ca.	5	20.10 ± 13.18
Papillary		
Tubular Ca.	10	14.72 ± 9.19
Scirrhus Ca.	4	7.18 ± 2.25