# SURGERY OF EARLY BREAST CANCER IN THE 1990'S.

#### **EASSY**

Submitted in Partial fulfillment of Master Degree in General Surgery

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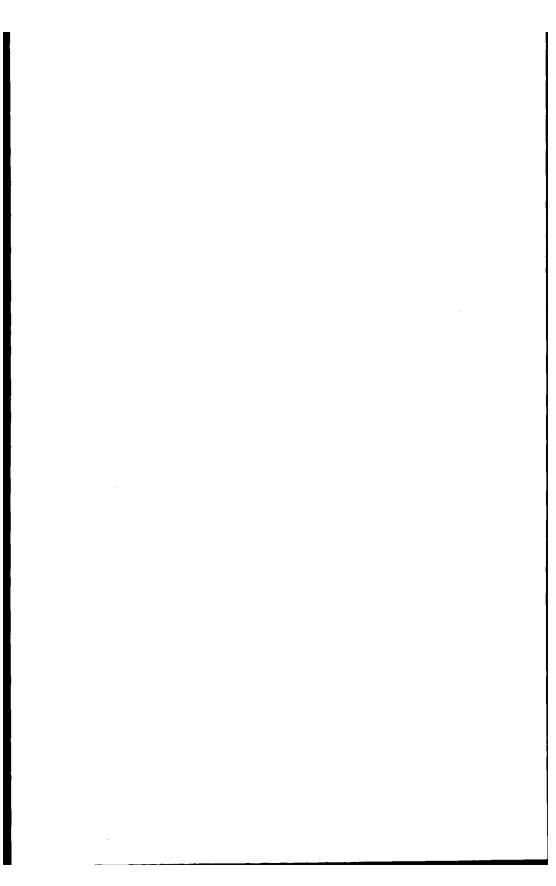
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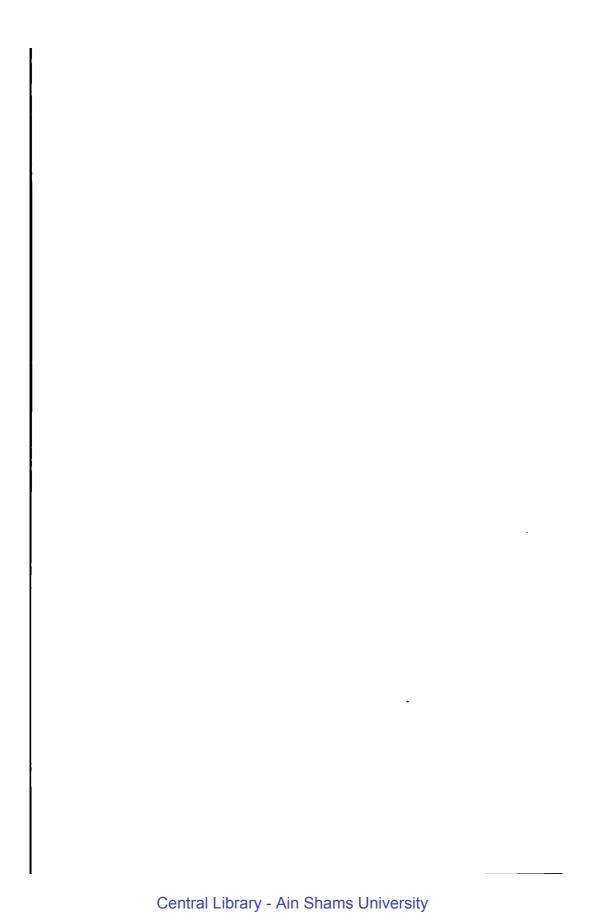


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# CONTENTS

Part		Page
I	Introduction	1
II	Review of Literature:	3
	1- Anatomy of the breast	3
	2- Pathology of the breast carcinoma	14
	3- Staging of breast carcinoma	27
	4- Indication and contraindication of conservative treatment	30
	5- Conservative surgery of breast cancer  I. The breast  II. The axilla	35 35 42
	6- Radiation therapy	45
	7- Duct carcinoma in situ	52
	8- Lobular carcinoma in situ	61
	9- Adjuvant chemotherapy of breast cancer	64
	10- Adjuvant antiestrogen therapy of breast cancer	83
	- Results of conservative surgery and radiation therapy for breast cancer	89
	I. The breast	8 <b>9</b>
	II. The axilla	97
Ш	Summary	101
IV	Referecnes	105
V	Arabic summary	

### LIST OF ABBREVIATIONS

CMF Cyclophosphamide; methotrexate; 5-fluorouracil.

**CMFP** Cyclophosphamide; methotrexate; 5-fluorouracil; prednisone.

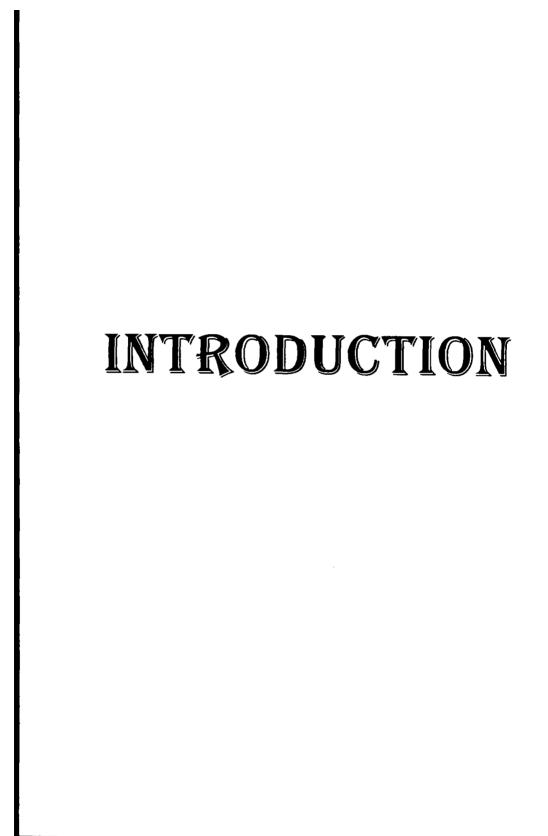
**CMFVP** Cyclophosphamide; methotrexate; 5-fluorouracil; vincristine; prednisone.

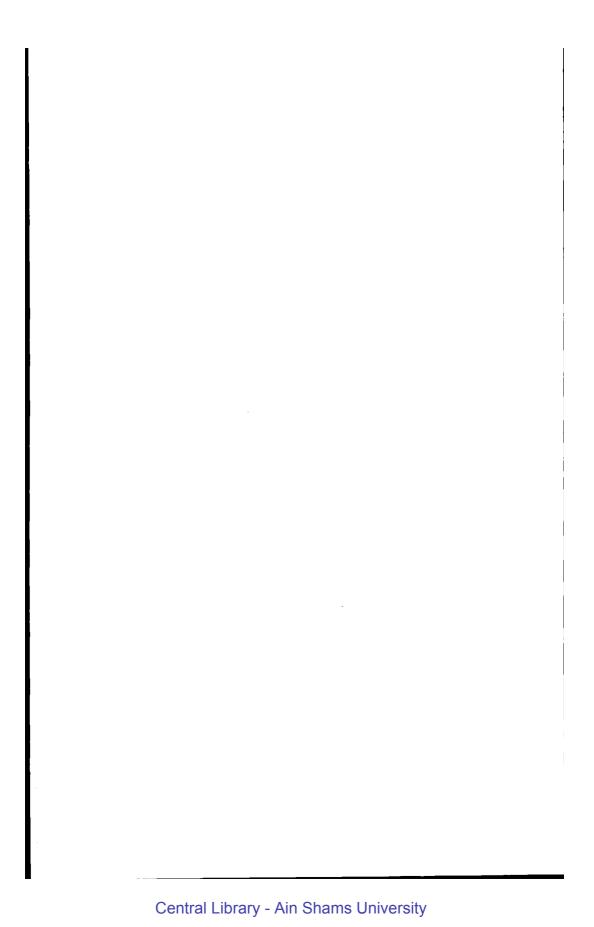
L-PAM L-phenyl alanine mustard.

NSABP National surgical adjuvant breast and bowel project.

P.F. L-phenyl alanine mustard; 5-fluorouracil.

PMF L-phenyl alanine mustard; methotrexate; 5-fluorouracil.





### **INTRODUCTION**

Conservative surgery represents an important step forward in the treatment of breast carcinoma, providing the same level of disease control as traditional surgical therapies but reducing the deformity and mutilation to which the patients are subjected. This consequently increases their acceptance of the disease and its treatment (Orvalho et al, 1993).

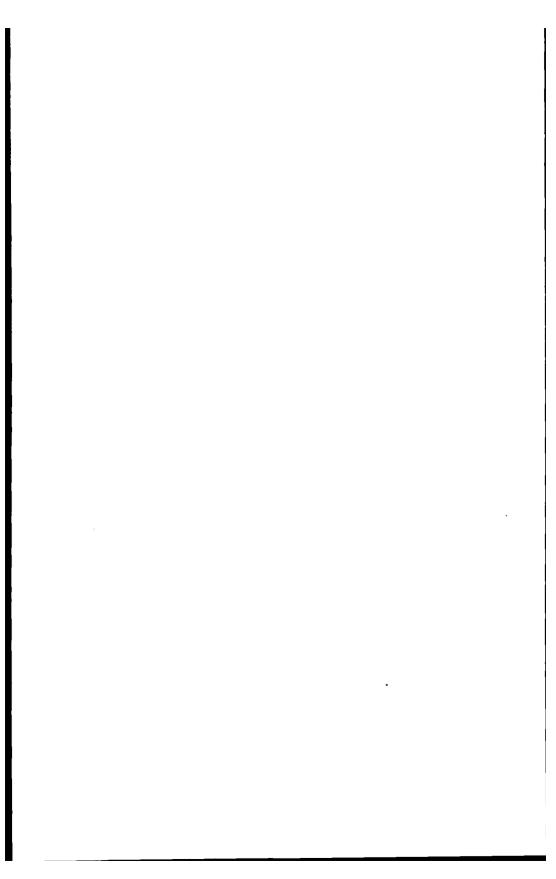
For stage I and II breast cancer conservative surgery and radiation are as effective as modified radical or radical mastectomy (Osteen & Smith, 1990).

One thousand seventy patients treated conservatively for stages I and II breast cancer between the years 1982 and 1994 were reviewed. The 10-year results were at least equivalent to reported series similarly staged patients treated by mastectomy. This should encourage more surgeons to offer conservative treatment as an alternative to mastectomy to patients with stage I and II breast cancer (Mansfield et al., 1995).

Many women will not be cured of breast cancer even by the best early detection and surgical techniques, because of micrometastases already present at diagnosis. Combination chemotherapy has become the standard adjuvant treatment for premenopausal women with axillary lymph node metastases, but benefit is less clear for postmenopausal women or any women with negative lymph nodes (Breitmeyer & Henderson., 1990).

Tamoxifen, the endocrine adjuvant treatment of choice for breast cancer, is tumoristatic agent only, there have been suggestions that tamoxifen be used as a preventive agent in women at high risk of breast cancer. (Gibson & Jordan, 1990).

# REVIEW OF LITERATURE



# ANATOMY

