

***A Study of The Parathyroid Hormone-Related
Protein in Patients With Benign and Malignant
Breast Diseases***

Thesis

*Submitted for Partial Fulfillment of
The Master Degree*

In

Clinical and Chemical Pathology

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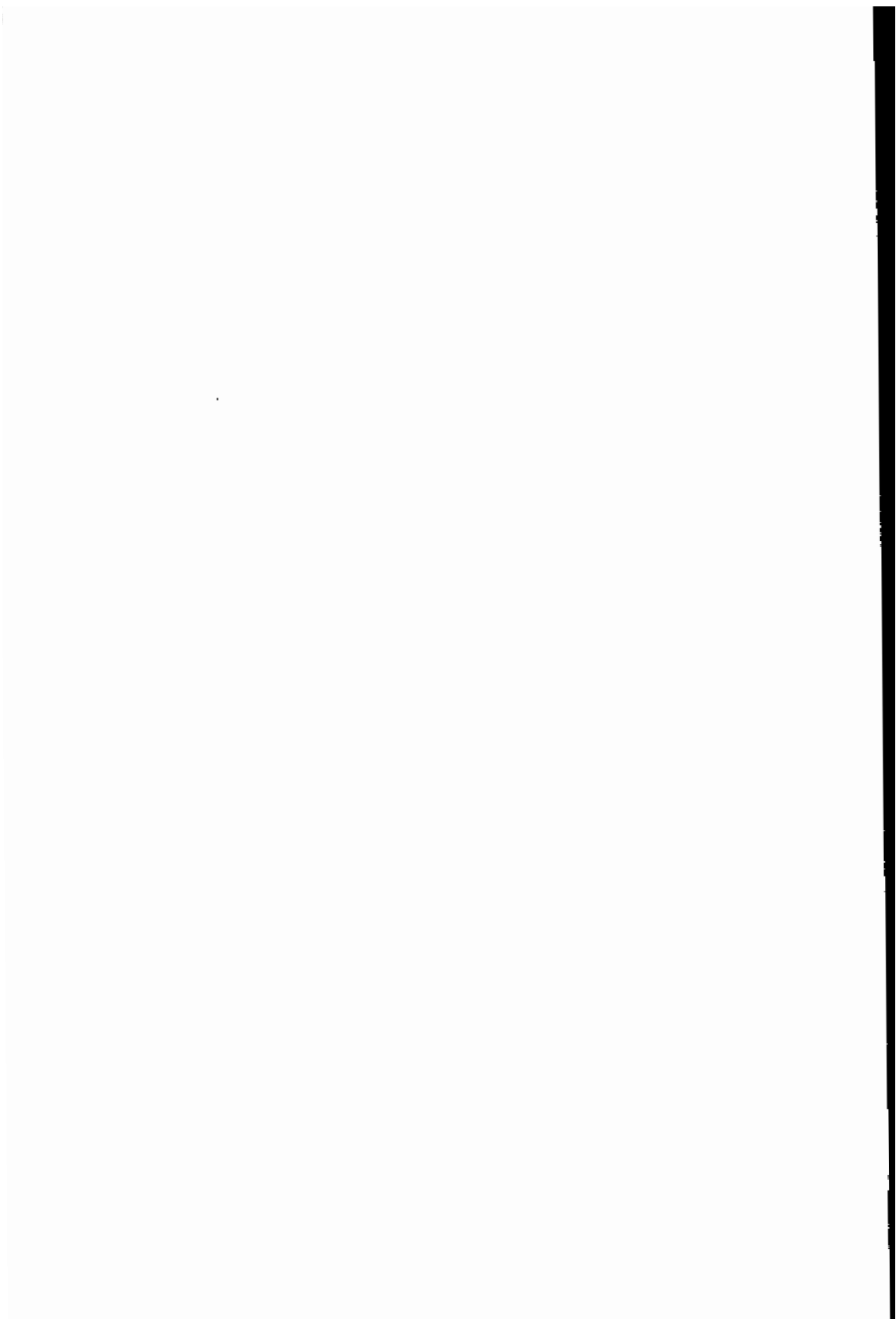
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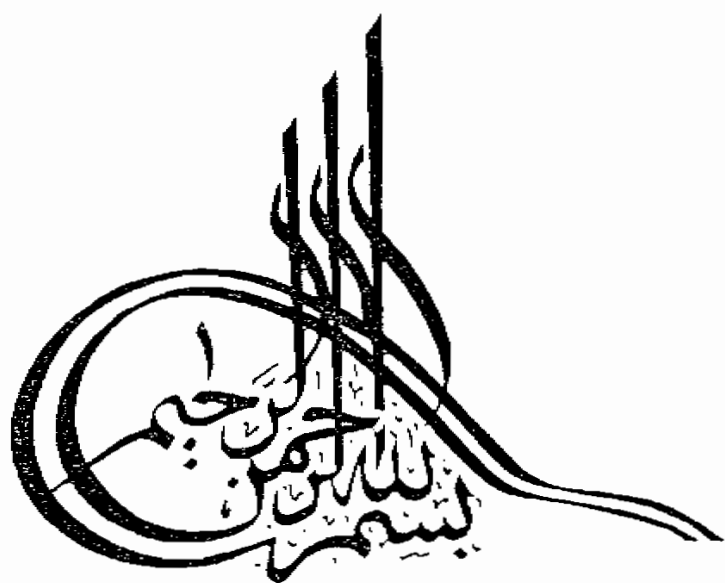
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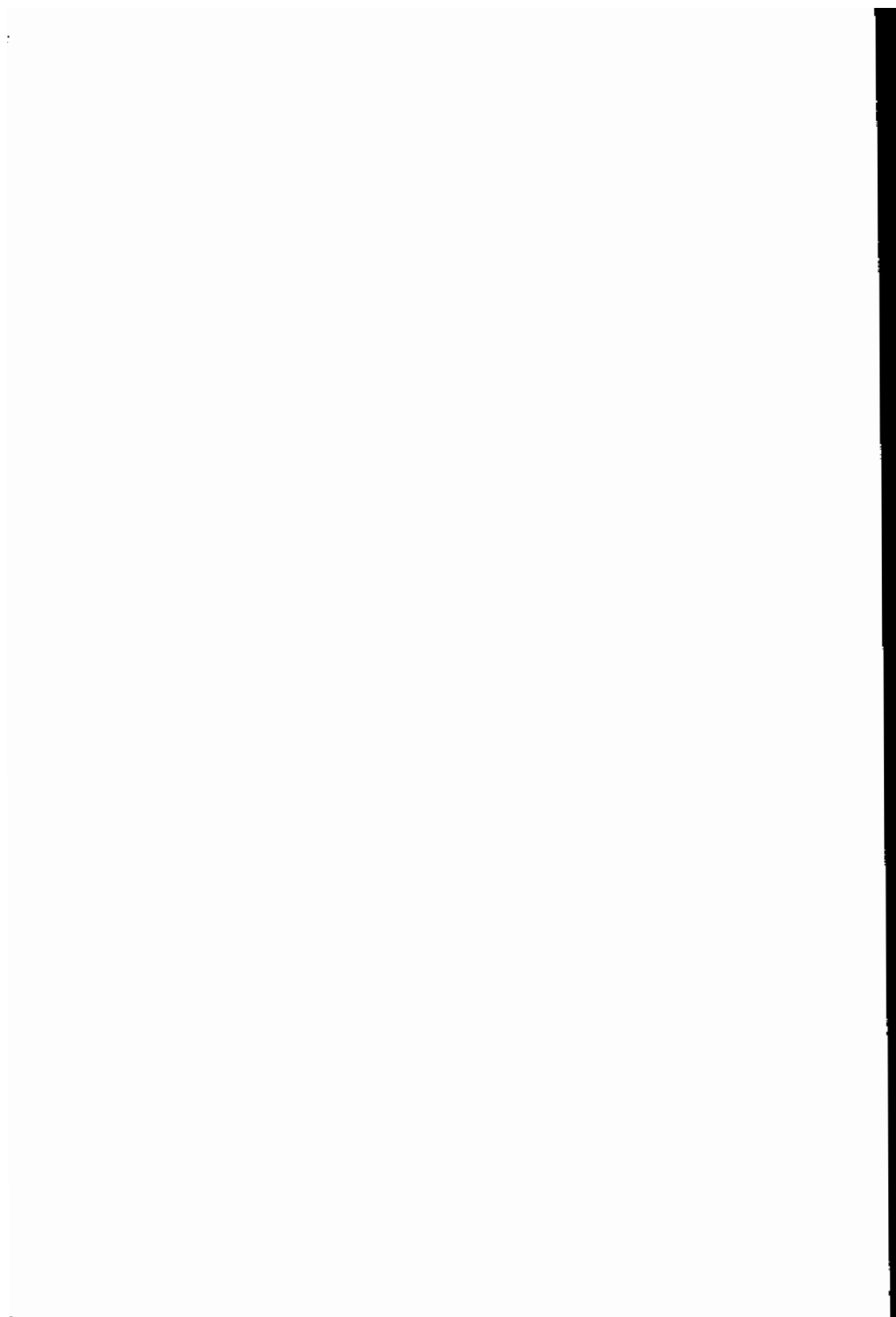
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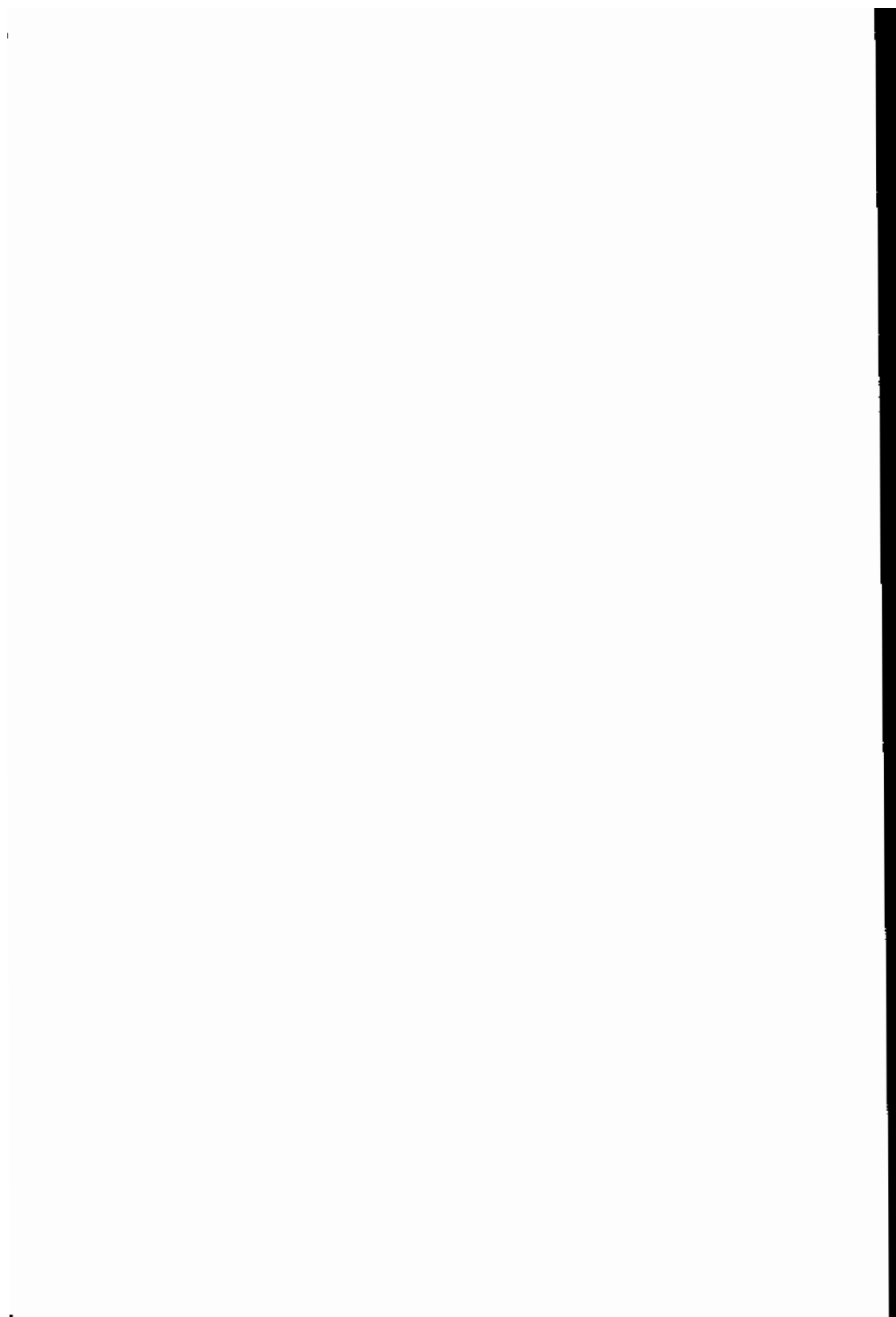


Dedication

*To the soul of my mother, to whom I refer
any success I gained and will gain in my life.*

*To my family, and my father for his kindness
encouragement and continuous support
throughout my life.*

*And, to my husband for his consideration
great patience, and much help offered to me in
many ways.*



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List of Abbreviations

ALP	Alkaline phosphatase
C.ca	Corrected calcium
cAMP	Cyclic adenosine monophosphate
CIS	Carcinoma in situ
CT	Computed tomography
HHM	Humoral hypercalcemia of malignancy
ILI	Interleukin I
IRMA	Immuno-radiometric assay
LOH	Local osteolytic hypercalcemia
MRI	Magnetic resonance imaging
mRNA	messenger ribonucleic acid.
PGE2	Prostaglandins E2
Pi	Inorganic phosphorus
PLP	PTH-like peptide
PTH	Parathyroid hormone
PTH-ACSps	PTH-like adenylate cyclase stimulating activity proteins
PTH-rp	Parathyroid hormone related-peptide
RIA	Radio-immunoassay
TGF- α	Transforming growth factor A.
TNF	Tumour necrosis factor.

The first part of the paper discusses the importance of the research and the objectives of the study. It then proceeds to a literature review, followed by a description of the methodology used. The results of the study are presented in the next section, followed by a discussion of the findings and their implications. The paper concludes with a summary of the main points and a list of references.

The research was conducted in a systematic and rigorous manner, following the principles of good research practice. The data collected was analyzed using appropriate statistical methods, and the results were presented in a clear and concise manner. The findings of the study are discussed in detail, and their implications for practice and policy are explored. The paper is well-structured and easy to read, and it provides a valuable contribution to the field of research.

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