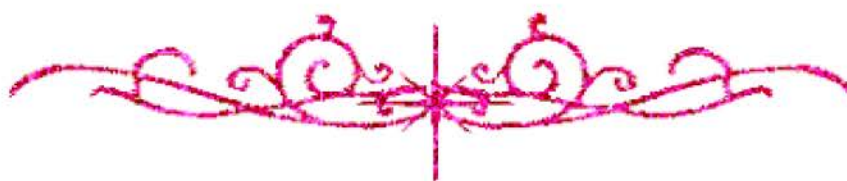


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بسم الله الرحمن الرحيم



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شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكروفيلم



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التوثيق الإلكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



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بالرسالة صفحات لم ترد بالأصل



**COMPARATIVE STUDY OF TRANSABDOMINAL VERSUS
TRANSRECTAL ULTRASOUND IN DIAGNOSIS OF URINARY
BLADDER LESIONS**

Thesis

Submitted for partial fulfillment of
Master Degree in Urology

Presented by

HESHAM SAAD GOUDA
M.B.B.Ch.

Supervisors

PROF. Dr.
MOHAMED ALI ZAAZAA

Professor and chairman of Department of Urology
Benha Faculty of Medicine
Zagazig University

Dr. ALAA WAFEEK MESHREF
Assistant Professor of Urology
Faculty of medicine
Cairo University

Dr. ABD EL-AZIZ A. OMAR
Assistant Professor of Urology
Benha faculty of medicine
Zagazig university



Benha Faculty of Medicine
Zagazig University

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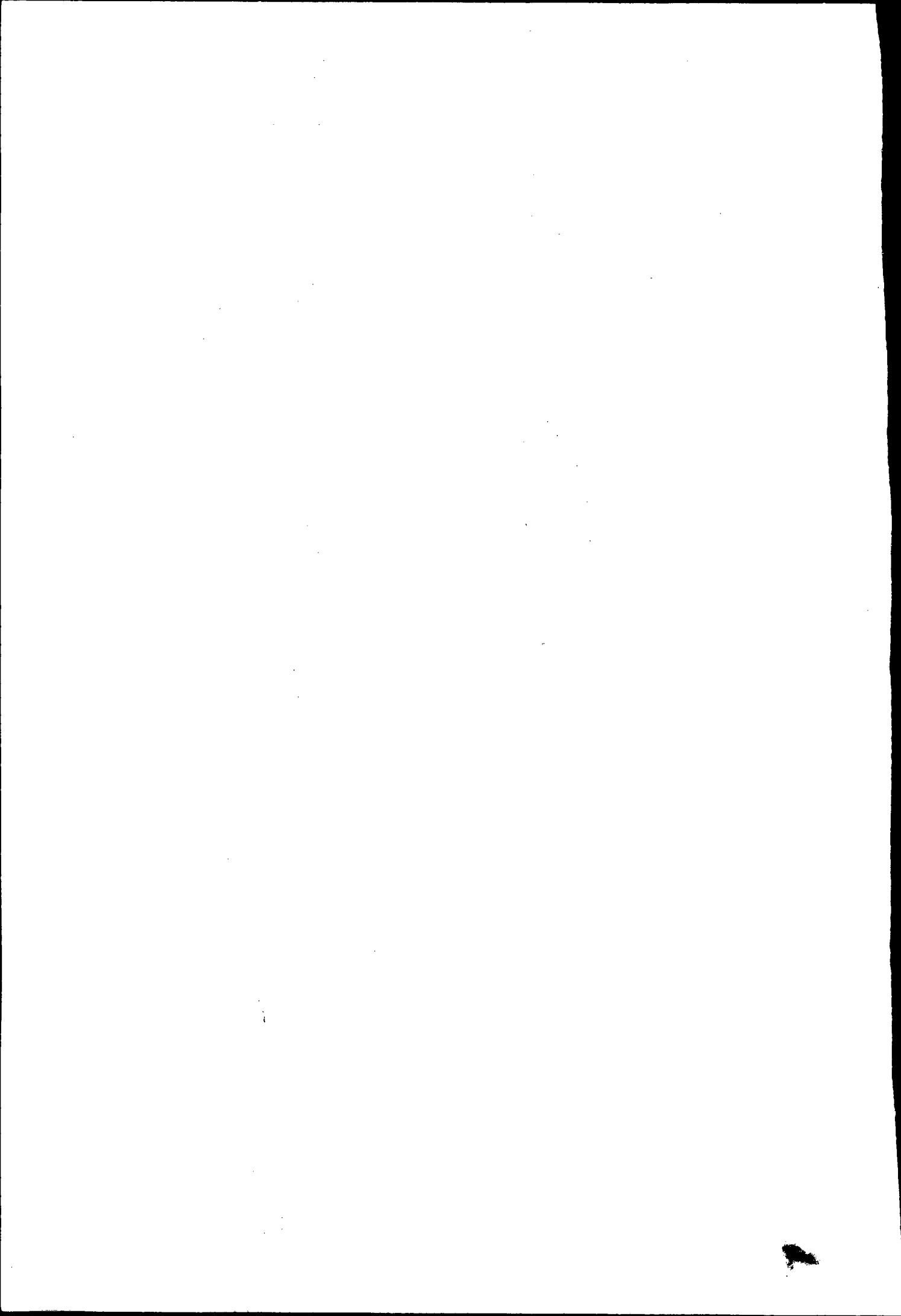
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بسم الله الرحمن الرحيم

«قالوا سبحانك لا علم لنا

الا ما علمتنا انك انت العليم الحكيم»

صدق الله العظيم



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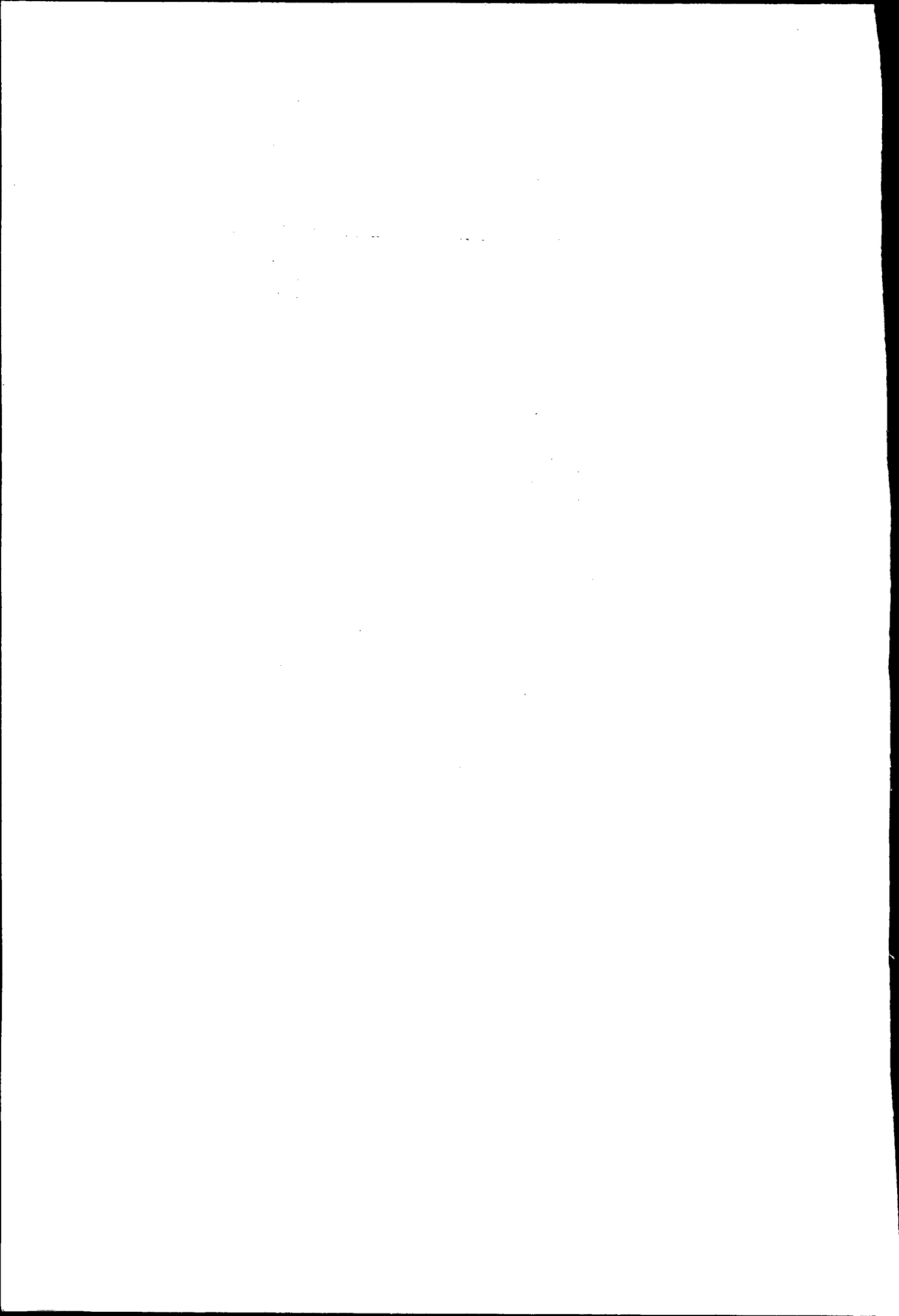
Thanks first and last to **GOD** as we owe him for his great care, support, and guidance in every step in our life.

I would like to express my deepest gratitude and appreciation to **PROF. DR. MOHAMED ALI ZAAZAA**, professor and head of department of urology, Benha Faculty OF Medicine, for introducing me to the subject of the study, and for his encouragement, support and guidance through out this work. In addition to his influential role all through urologic career.

My sincere appreciation goes to **DR. ABD EL-AZIZ OMAR**, Assistant Professor of urology, Benha University for his sincere advice and research oriented discipline, which helped in providing the setup for the study.

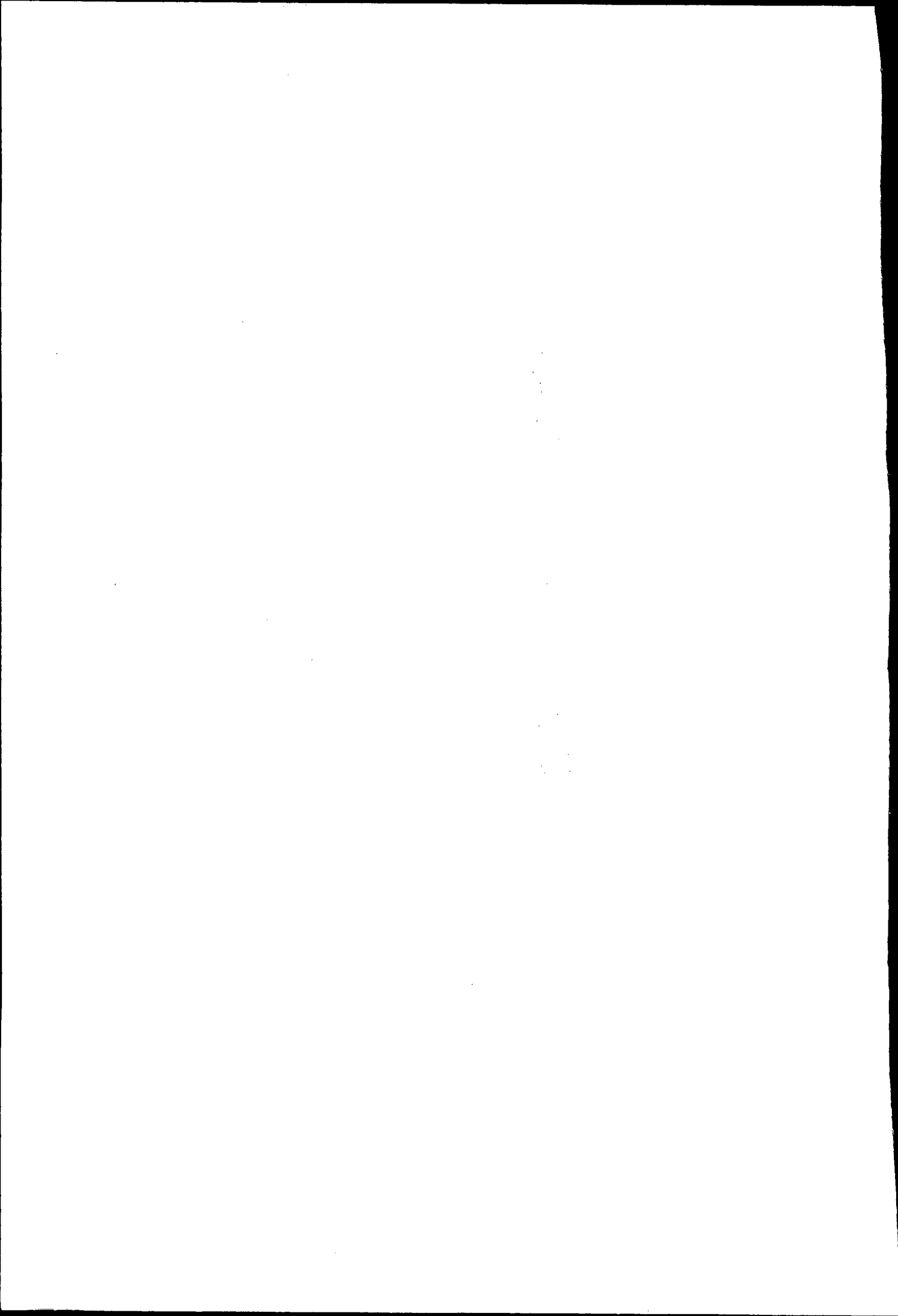
It was not possible for me to get closely attracted to the details of the technique of transrectal ultrasound without the intuitive role of **DR. ALLAA WAFEEK MESHREF**, Assistant Professor of Urology, Cairo University, during my training.

Finally, I am grateful to all my senior staff-members and residents of Urology Department, Benha University Hospital, for their help and cooperation throughout this work.



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LIST OF ABBREVIATIONS

- CT : Computerized Tomography.
- Lat. : Lateral.
- LS : Longitudinal section.
- Lt. : Left.
- IVU : Intravenous Urography.
- MHz : Mega Hertz.
- NPV : Negative predictive value.
- No. : Number.
- P : Pathological staging.
- PPV : Positive predictive value.
- PUT : Plain x-ray abdomen and pelvis.
- Rt. : Right.
- TAUS : Transabdominal Ultrasound.
- TRUS : Transrectal ultrasound.
- TS : Transverse section.
- U : Ultrasonographic staging.
- U.B. : Urinary Bladder.
- UTI : Urinary Tract Infection.
- +ve : Positive.
- ve : Negative.

