Transvaginal Versus Transabdominal Sonography in Detection of Early Pregnancy Complications

A Thesis submitted for partial fulfillment of
Master Degree of Obstetrics & Gynaecology

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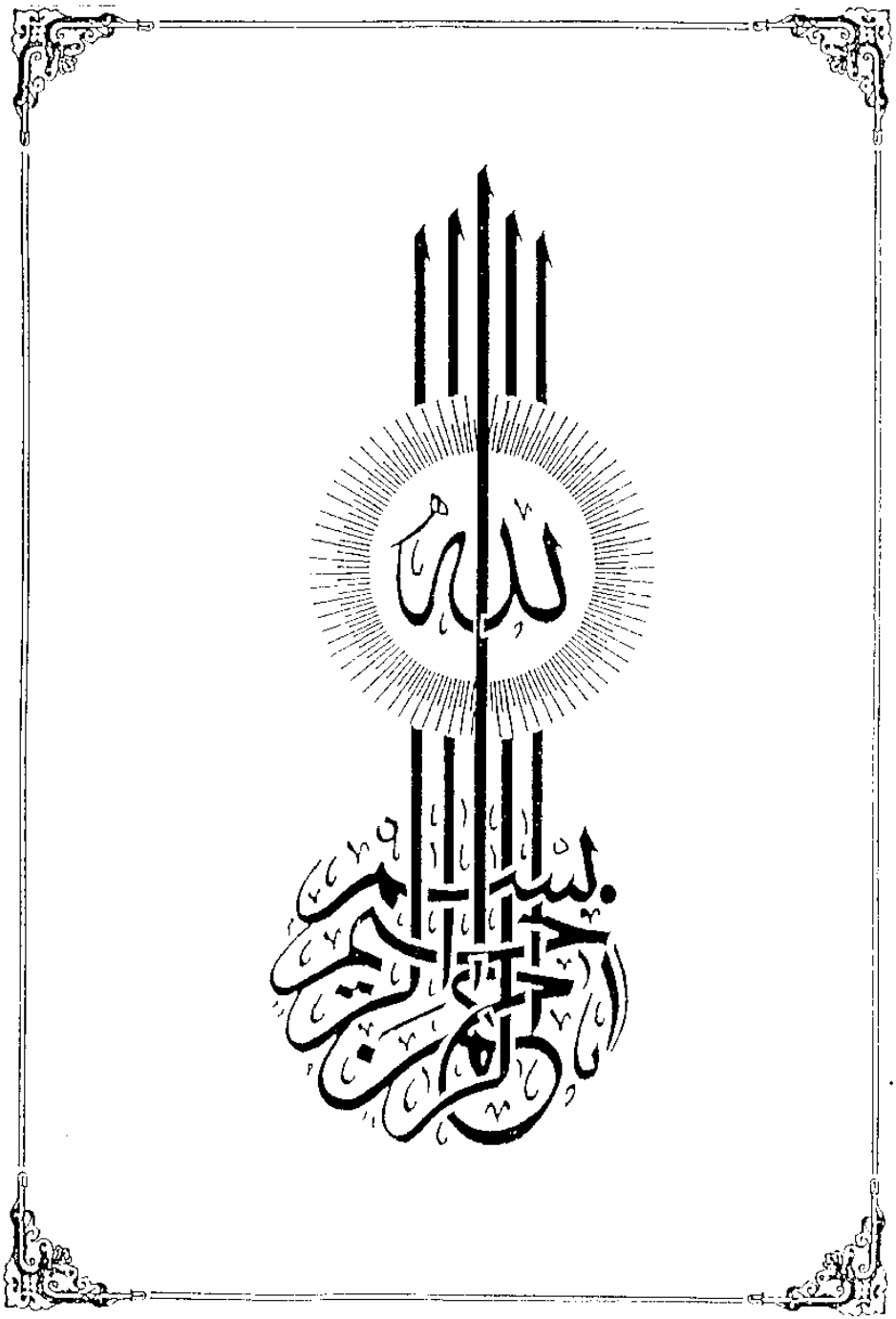

بسم الله الرحمن الرحيم

ACKNOWLEDGEMENT

I would like to express my deepest gratitude, thanks and appreciation to Prof. Dr. **Ibrahim Yassin Abou Senna,** Professor of Obstetrics and Gynecology, Ain Shams University, for his fatherly advice and sincere support all through supervision of this work.

Also many thanks, respect and appreciation to Assist. Prof. Dr. **Magdy Mohamed Kamal,** Assistant Professor of Obstetrics and Gynecology, Ain Shams University, for his advice and support during supervision of this work.

I would also like to express my deepest gratitude and appreciation to lecturer Dr. **Hassan Tawfic Khairy,** Lecturer of Obstetrics and Gynecology, Ain Shams University, for his guidance, precious observation and effort to release this work in its present form.

Lastly but not the least, I would like to express my thanks, respect and appreciation to whole staff, members and colleagues in department of Special Care Center for the Fetus and Ultrasound Unit, Ain Shams University for their help, support and it is due to their fruitful directions that this work has been brought to light.

Abbreviations

U.S.	Ultrasonography
TAS	Trans abdominal sonography
TVS	Trans vaginal sonography
<	Less than
>	More than
G.A.	Gestational age

Abstract

- Obstetric ultrasonography at time of first trimester is a helpful diagnostic tool in evaluating pregnancy status.

- The application of high resolution vaginal ultrasound, problems such as obesity, bowel gas, retroverted uterus and inability to permit full bladder no longer perculde accurate diagnosis.

- The study was carried out at Special Care Center for The Fetus Ain Shams Maternity Hospital over hundred pregnant patients in their first trimester complaining of vaginal bleeding and lower abdominal pain.

- It was found that transvaginal sonography is superior to transabdominal sonography in evaluating complicated pregnancy status before 7 weeks gestation, however, about 7 weeks both techniques were equally reliable in diagnosing normal and complicated pregnancy.

So in clinical practice, initial transabdominal scan could be performed then in doubtful cases , a careful vaginal scan could be made complicating abdominal sonography.

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