

CURRICULUM VITAE

Objective

To find a challenging position as a Sonographer within a facility that will allow me to utilize my scanning techniques and provide opportunities for further developments.

Personal Information

Name: *Dr.Zain ul Hasan Gilani*
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Academic Profile

Certificate/ Degree	Year	Group	College/University
Matric	2004	Pre-medical	Gujranwala board
FSc	2006	Pre-medical	Gujranwala board
BSc	2010	Pre-medical	University of Punjab
MSc	2013	Medical Ultrasound Technology	University of Lahore
MPhil	2016	Medical Ultrasound Technology	University of Lahore
PhD	2018-continue	Diagnostic Medical Ultrasound	University of Lahore
Certificate in English communication skills	2009	Communication Skills	University of Punjab
Diploma in Medical Ultrasound	2012	Medical Ultrasound Training	Afro-Asian Institute

PUBLICATIONS

Published

- 1- Sonographic Comparison of Congestive Index of Portal Vein with and Without Chronic Liver Parenchymal Disease. In: Journal of Health and Medical Sciences, Vol.2, No.1, 80-88.
- 2- Sonographic Association of Prostate Volume with Post Micturition Residual Volume in Benign Prostate Hyperplasia.
- 3- Ultrasonographic evaluation of fetal kidney length as a reliable parameter for estimation of gestation age in 2nd & 3rd trimester.
- 4- Sonographic Differentiation of Pancreatic Appearance between Diabetic and Non-Diabetic Individuals of Age 45-55years.
- 5- Correlation between portal vein diameter and craniocaudal length of the spleen.
- 6- Sonographic Correlation between Renal Cortical Thickness and Early Chronic Renal Disease.
- 7- The Efficacy of Doppler Indices in Third Trimester of IUGR Pregnancies.
- 8- Ultrasonographic Evaluation of the Fetal Transverse Cerebellar Diameter (TCD) Measurement for Prediction of Gestational Age in 2nd and 3rd Trimesters of Pregnancy.
- 9- Doppler Comparison between Ureteric Obstruction and Ureteric Jet Velocity.
- 10- Sonographic comparison of estimated fetal weight by different methods at term and after birth.
- 11- Evaluating the Frequency of Sciatica on Magnetic Resonance Imaging in Patients with Lower Back Pain.
- 12- The Efficacy of Doppler Indices in Third Trimester of IUGR Pregnancies.
- 13- Diagnostic accuracy of sonographic transvaginal ovarian biophysical profile as a predictor of infertility taking transvaginal ultrasound as a gold standard.
- 14- Hemodynamic Changes in Umbilical Artery and Middle Cerebral Artery with Oligohydramnios in Third Trimester of Pregnancy.
- 15- Comparison of Sonographic Findings and Routine Urine Examination in patient with Acute Pyelonephritis.
- 16- Reliability of Ultrasonography in Diagnosis of Lymph-adenopathy
- 17- Determination of sonographic common abdominal findings among patients suffering from typhoid fever.
- 18- Ovarian risk factors of female infertility by transvaginal ultrasonography
- 19- Sonographic Assessment of Carpal Tunnel Syndrome & Associated Risk Factors in 3rd Trimester of Pregnancy.
- 20- Diagnostic Accuracy of Color Doppler & Grey Scale Ultra-sonography in the Diagnosis of Painful Scrotal Conditions.
- 21- Comparison of congestive index of portal vein in cirrhotic and non-cirrhotic liver in hepatitis B and C patients on abdominal sonography.
- 22- Sonographic assessment of retinal detachment in diagnosed cases of glaucoma.

- 23-Ultrasound findings of ventriculomegaly in 2nd and 3rd trimester with fetal outcomes.
- 24-Hemodynamic changes in umbilical artery and middle cerebral artery with oligohydramnios in third trimester of pregnancy.
- 25-Diagnostic accuracy of sonographic transvaginal ovarian biophysical profile as a predictor of infertility taking transvaginal ultrasound as a gold standard.
- 26-Correlation of benign prostatic hyperplasia diagnosed on transabdominal ultrasound with urinary retention checked with post micturition residual volume on ultrasound.
- 27-Frequency of ultrasound in assessment of prostate gland in different age groups.

Qualifications Summary

- *Extensive knowledge in Obs, Gynecology, Abdominal, vascular as well as Small Parts.*
- *Understanding of physics of ultrasound, interaction with human tissues, image formation and display, Doppler, color flow, M-mode, 2D, 3D & 4D scanning, and instrumentation.*
- *Able to recognize and demonstrate skills of differentiating normal and abnormal sonographic anatomy.*

Experience

- *11 years teaching experience in **University of Lahore** as **Assistant Professor** and **Sonographer** at University Ultrasound Clinic.*
- *13 years' experience at Gilani Ultrasound clinic as a sonographer.*
- *2 years teaching experience in Afro-Asian Institute Lahore.*

Career

I have decided to work where there are many challenges and risks. At the same time I want to have an enjoyable life, and be more flexible in my profession, similarly I want to utilize my skills and learn something new.