**Assessment of Nurses** **Knowledge of Nonalcoholic Fatty Liver Disease in** **Basrah City Centre Hospitals.**

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**Abstract**

 **Background:** Non-alcoholic fatty liver disease (NAFLD) is a clinical entity that includes a spectrum of conditions ranging from simple steatosis to steatohepatitis (NASH), cirrhosis, and liver cancer.

**Objectives:** assess the level of nurses' knowledge toward Nonalcoholic Fatty Liver Disease and find the relationship between nurses' knowledge Nonalcoholic Fatty Liver Disease and their demographic characteristics **Methodology:** The study was performed a cross-sectional survey of 150 nurse in Basrah City Centre Hospitals. from 1st of December 2023 to the 1st of April 2024.. they created a questionnaire that assessed domains most relevant to NAFLD knowledge. **Result:** in the present study 64.7% were female, age group was (20-30) years (72%). The highest percentage is seen with the Nursing Institute (39.3%) regarding educational levels. Regarding years of experience, the highest percentage is seen with the less 5 years (56%). Most of them work in an surgery sections (40%). the majority of the nurses (57.3%) have good knowledge about Nonalcoholic Fatty Liver Disease , (34%) of them have moderate knowledge, and (8.7%) of them have a poor knowledge. a significant relationship between Al-Shifaa and digestive system hospitals nurses' (name of hospital) and their knowledge recorded the highest levels of knowledge (16 good knowledge’s) compare with other hospitals.**Conclusions:** Most of the nurses in the present study had good knowledge about Nonalcoholic Fatty Liver Disease in all domains (general and definitions knowledge, risk factors for disease. Also, complications, diagnosis and treatment).

**Keywords:**. Non-alcoholic fatty liver disease, nurse, Knowledge.