

REVIEWER'S REPORT

Manuscript No.: IJAR- 58137

Title: The study Of Non alcoholic fatty liver disease in patients of Hypothyroidism In Western Uttar Pradesh.

Recommendation:

Accept as it is

Accept after minor revision...

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		Good		
Techn. Quality	Excellent			
Clarity		Good		
Significance	Excellent			

Reviewer's ID: Dr. Sumathi

Detailed Reviewer's Report

1. Hypothyroidism, or underactive thyroid, is a common condition where your thyroid gland doesn't produce enough thyroid hormones to meet your body's needs. Because these hormones regulate metabolism, this deficiency causes your body's functions to slow down, leading to fatigue, weight gain, and sensitivity to cold.
2. Non-alcoholic fatty liver disease (NAFLD)—now medically termed Metabolic Dysfunction-Associated Steatotic Liver Disease (MASLD)—is an accumulation of fat in the liver not caused by heavy alcohol use. It is highly linked to metabolic conditions like obesity, type 2 diabetes, and high blood pressure.
3. NAFLD (Nonalcoholic Fatty Liver Disease) is the buildup of excess fat in the liver not caused by heavy alcohol use. Recently, medical organizations have transitioned to calling it MASLD (Metabolic dysfunction-associated steatotic liver disease) to better reflect its strong connection to metabolic health.
4. Thyroid-stimulating hormone (TSH) is a chemical messenger produced by the pituitary gland in the brain. Its primary job is to tell the thyroid gland how much of its own hormones to make. These

REVIEWER'S REPORT

- thyroid hormones dictate your body's metabolism, controlling how fast your body uses energy, regulates heart rate, and processes food.
5. Dyslipidemia is an imbalance of lipids (fats) in the blood, such as high LDL ("bad") cholesterol, high triglycerides, or low HDL ("good") cholesterol. It significantly increases the risk of heart disease and stroke. It is primarily diagnosed via a routine blood test called a lipid panel and is managed through lifestyle changes and medications.
 6. Ultrasonography, also known as ultrasound or sonography, is a noninvasive diagnostic imaging test that uses high-frequency sound waves to capture real-time images or videos of soft tissues, organs, and blood vessels inside the body. It is painless, safe, and operates without exposing the body to ionizing radiation.
 7. Ultrasonography (commonly known as ultrasound or sonography) is a noninvasive medical imaging technique. It uses high-frequency sound waves to create real-time visual images of internal organs, tissues, and blood flow inside the body.
 8. Dyslipidemia means having an unhealthy, unbalanced level of lipids (fats) in your blood. It typically refers to having high "bad" cholesterol (LDL), high triglycerides, or low "good" cholesterol (HDL). This imbalance raises the long-term risk of plaque buildup in the arteries, heart attacks, and strokes.
 9. Abstract is given excellent.
 10. In result part there is no tables and graphs.
 11. References are totally missed to give end of the paper. Without references not able to publish this research paper.
 12. Some related pictures must be included.
 13. Summary points also be added.
 14. Alignments must be needed.
 15. After all those changes carefully can be published in your journal.