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Abstract

Introduction: **(Time New Roman 8 pt.)**The most common hepatic disease is fatty liver. Raised serum ferritin levels are often described as an indicator of liver function. The present study aimed to evaluate the correlation between fatty liver in men by ultrasound and serum ferritin levels in patients referred to Imam Khomeini Hospital in Jiroft in 2020.

Materials and Methods: In this case series study, there is both a descriptive and an analytical component. The study population consisted of all male patients with fatty liver. Patients were included in the study after being visited by a specialist and thus diagnoses their fatty liver were made by ultrasound. After clinical examination and diagnosis of fatty liver, patients were prepared on a fasting basis for Paraclinical tests (serum levels of iron, and ferritin). After collecting data from patient surveys based on a researcher-made checklist, the data were entered into SPSS V23 (22).

Results: The mean age of patients was 46.8 ± 16.7 . There was a statistically significant correlation between ferritin level and disease severity based on the ultrasound view (P-value = 0.000). Also, there was a significant correlation between serum iron level and disease severity based on the ultrasound view (P-value = 0.005).

Conclusion: The present study findings indicate a correlation between the severity of fatty liver disease and the level of serum ferritin and iron. Therefore, we need to pay special attention to the level of these indicators in patients with fatty liver.

Keywords: Fatty liver, Serum ferritin level, Ultrasound

1. Introduction

L (Headings: 12 pt, text: 10 pt) References should be numeric and in Brackets [1]. Introduction should clearly state the problem, introduce relevant literature, note any controversies, and present the aim or hypothesis in the last paragraph; insert reference format using Endnote based on Vancouver style. [2].

2. Materials and Methods

You can use subheadings. Experimental procedures should be complete enough to allow interpretation of the data. This section should cover the following items respectively:

- Ethical consideration (if relevant): clearly define your ethical approval and ethical protocols. Research using human or animal subjects and/or tissue or field sampling must include ethics statements.

•All used methods should have reference. For each material or instruments, name and the country of Provider Company should be included.

•Statistical: Name and version of used software, analytical test and related items should be mentioned in the last paragraph.

•IRCT Number for Clinical Trial manuscripts should add in method part.

Figures: Figures should be kept to a necessary minimum and their information should not be duplicated in the text. Figures must be supplied either as JPEG or TIFF. Photographs and radiological

Table 1. Frequency of variables studied by patients referred to the internal ward of Imam Khomeini Hospital in Jiroft in 2020(*Book Antiqua 9 pt.*)

Variable	Number	Percentage	Variable	Number	Percentage
Diploma	19	26.4	Extreme weakness	22	30.6
Under-Diploma	11	15.3	Anorexia	3	4.2
Upper- Diploma	15	20.8	Weight loss	16	22.2
Bachelor's degree and higher	27	37.5	Abdominal pain	17	23.6
Urban	49	68.1	Decreased concentration	16	22.2
Rural	23	31.9	Cardiovascular disease	11	15.3
Drug consumption	47	65.3	Respiratory disease	8	11.1
Alcohol consumption	25	34.7	Hyperlipidemia	24	33.3
Family history of liver disease	32	44.4	Rheumatic disease	3	4.2
Diabetes	24	33.3	Dull skin	19	26.4
Hypertension	29	40.3			

4. Discussion

Discuss the results and how they can be interpreted in perspective of previous studies. This section may contain: Statement of principal findings, Strengths and weaknesses of the study, Strengths and weaknesses in relation to other studies, discussing important differences in results and recommendation for future research.

5. Conclusion

Should be brief and clearly state how the findings of the study relate to the underlying aims/hypothesis and the implication of the research.

Ethical Considerations

Compliance with ethical guidelines

The ethical principles observed in the article, such as the informed consent of the participants, the confidentiality of information, the permission of the participants to cancel their participation in the research and the code of ethics received from the

imaging must be high resolution (at least 300 dpi, or higher) and at least 10 x 10 cm large. All figures should be cited in the paper in a consecutive order as: Figure 2.

3. Results

It should provide a concise and precise description of the experimental results and their interpretation. You can use subheadings in this section too .tables should be inserted at the above of the file with a clear title.

ethics committee of the universities should be written as follows:

a.All ethical principles are considered in this article. The participants were informed of the purpose of the research and its implementation stages. They were also assured about the confidentiality of their information and were free to leave the study whenever they wished, and if desired, the research results would be available to them. A written consent has been obtained from the subjects. principles of the Helsinki Convention was also observed.

b.This study was approved by the Ethics Committee of the University of ??? (Code: ???).

c.This article is a meta-analysis with no human or animal sample.

d.There were no ethical considerations to be considered in this research.

Sample : This study was approved by the Ethics Committee of the jiroft University of medical

science (Code IR.JMU.REC.1399.045)

Funding

Was the paper extracted from a thesis? Or did it have any financial supporters? Kindly choose on of the below:

a.The paper was extracted from the MSc./ MA/ PhD. thesis or extracted from a research project of the first/second/third author, Department of ??? Faculty of??? University of ???

b.This research was supported by the research project (No. ???), Funded by the University of ???

c.This research did not receive any grant from funding agencies in the public, commercial, or non-profit sectors.

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Author's contributions

Please mention the contributor role of each author on this parts: Conceptualization, Methodology, Software, Validation, Formal Analysis, Investigation, Resources, Data Curation, Writing – Original Draft Preparation, Writing – Review & Editing, Visualization, Supervision, Project Administration, and Funding Acquisition.

The example below shows the Author Contributions:

Conceptualization and Supervision: Asghar Farhadi and Ibrahim Hassanpour; Methodology: Elahe Mahdavi; Investigation, Writing – original draft, and Writing – review & editing: All authors; Data collection: ???, ???, and ???; Data analysis: ??? and ???; Funding acquisition and Resources: Ibrahim Hassanpour, Elahe Mahdavi, Sima Kiani, and Reza Noori.

Or All authors equally contributed to preparing this article.

Conflict of interest

Declare conflicts of interest or state “The authors declare no conflict of interest.” Authors must identify and declare any personal circumstances or interest that may be perceived as inappropriately influencing the representation or interpretation of reported research results. Any role of the funders in the design of the study; in the collection, analyses or interpretation of data; in the writing of the manuscript, or in the decision

to publish the results must be declared in this section. If there is no role, please state “The funders had no role in the design of the study; in the collection, analyses, or interpretation of data; in the writing of the manuscript, or in the decision to publish the results”.

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Acknowledgments

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Financial resources should also be included in Acknowledgments. Full or partial investment and the information associated with the grant received, if applicable, need to be specified.

Sample I: This study was part of the first author's thesis. We would like to thank the Faculty of Veterinary Medicine, Kazerun Branch of Islamic Azad University, for their help with data collection.

Sample II: We would like to extend our appreciation and thanks to all participants, staff, and managers who made this study possible.

Sample III: We are extremely grateful to Dr. Sarah Kahani for her comments and feedback during the study.

References

The reference numbers in the text should be in brackets. The DOI code and its link should be inserted separately at the end of each reference.

- [1] Guillot A, Tacke F. Liver macrophages: old dogmas and new insights. *Hepato Comm.* 2019; 3(6):730-43. [DOI:10.1002/hep4.1356](https://doi.org/10.1002/hep4.1356)

In Original Article, the maximum number of

- references is 55
- illustrations or tables is 8
- words is 3500 (references included).