

World Journal of *Diabetes*

World J Diabetes 2021 November 15; 12(11): 1812-1968



EDITORIAL

- 1812** Long-term effects of metformin use in gestational diabetes mellitus on offspring health
Roy A, Sahoo J

REVIEW

- 1818** Organophosphate pesticides and new-onset diabetes mellitus: From molecular mechanisms to a possible therapeutic perspective
Chung YL, Hou YC, Wang IK, Lu KC, Yen TH
- 1832** Anti-diabetics and antimicrobials: Harmony of mutual interplay
Hegazy WAH, Rajab AAH, Abu Lila AS, Abbas HA
- 1856** Effect of glycemic control on markers of subclinical atherosclerosis in patients with type 2 diabetes mellitus: A review
Antoniou S, Naka KKK, Papadakis M, Bechlioulis A, Tsatsoulis A, Michalis LK, Tigas S

ORIGINAL ARTICLE**Basic Study**

- 1875** Profilin-1 is involved in macroangiopathy induced by advanced glycation end products *via* vascular remodeling and inflammation
Xiao ZL, Ma LP, Yang DF, Yang M, Li ZY, Chen MF
- 1894** p66Shc-mediated oxidative stress is involved in gestational diabetes mellitus
Huang TT, Sun WJ, Liu HY, Ma HL, Cui BX

Retrospective Cohort Study

- 1908** Factors influencing the effectiveness of using flash glucose monitoring on glycemic control for type 1 diabetes in Saudi Arabia
Alhodaib HI, Alsulihem S

Observational Study

- 1917** Association between admission hemoglobin level and prognosis in patients with type 2 diabetes mellitus
Song HY, Wei CM, Zhou WX, Hu HF, Wan QJ
- 1928** Role of hepatitis A virus in diabetes mellitus
Lin J, Ou HY, Karnchanasorn R, Samoa R, Chuang LM, Chiu KC
- 1942** Adherence to Mediterranean diet and advanced glycation endproducts in patients with diabetes
Grahovac M, Kumric M, Vilovic M, Martinovic D, Kreso A, Ticinovic Kurir T, Vrdoljak J, Prizmic K, Božić J

- 1957** Comprehensive genetic screening reveals wide spectrum of genetic variants in monogenic forms of diabetes among Pakistani population

Rafique I, Mir A, Siddiqui S, Saqib MAN, Fawwad A, Marchand L, Adnan M, Naeem M, Basit A, Polychronakos C

LETTER TO THE EDITOR

- 1967** Letter to editor 'Gastroenteropathy in gastric cancer patients concurrent with diabetes mellitus'

Cheng YX, Tao W, Zhang W, Peng D

ABOUT COVER

Editorial Board Member of *World Journal of Diabetes*, Radovan Hojs, MD, PhD, Full Professor, Clinic for Internal Medicine, University Medical Centre Maribor, Maribor 2000, Slovenia. radovan.hojis@guest.arnes.si

AIMS AND SCOPE

The primary aim of *World Journal of Diabetes* (*WJD*, *World J Diabetes*) is to provide scholars and readers from various fields of diabetes with a platform to publish high-quality basic and clinical research articles and communicate their research findings online.

WJD mainly publishes articles reporting research results and findings obtained in the field of diabetes and covering a wide range of topics including risk factors for diabetes, diabetes complications, experimental diabetes mellitus, type 1 diabetes mellitus, type 2 diabetes mellitus, gestational diabetes, diabetic angiopathies, diabetic cardiomyopathies, diabetic coma, diabetic ketoacidosis, diabetic nephropathies, diabetic neuropathies, Donohue syndrome, fetal macrosomia, and prediabetic state.

INDEXING/ABSTRACTING

The *WJD* is now abstracted and indexed in Science Citation Index Expanded (SCIE, also known as SciSearch®), Current Contents/Clinical Medicine, Journal Citation Reports/Science Edition, PubMed, and PubMed Central. The 2021 Edition of Journal Citation Reports® cites the 2020 impact factor (IF) for *WJD* as 3.763; IF without journal self cites: 3.684; 5-year IF: 7.348; Journal Citation Indicator: 0.64□Ranking: 80 among 145 journals in endocrinology and metabolism; and Quartile category: Q3.

RESPONSIBLE EDITORS FOR THIS ISSUE

Production Editor: Lin-YuTong Wang; Production Department Director: Yu-Jie Ma; Editorial Office Director: Jia-Ping Yan.

NAME OF JOURNAL

World Journal of Diabetes

ISSN

ISSN 1948-9358 (online)

LAUNCH DATE

June 15, 2010

FREQUENCY

Monthly

EDITORS-IN-CHIEF

Lu Cai, Md. Shahidul Islam, Jian-Bo Xiao, Manfredi Rizzo

EDITORIAL BOARD MEMBERS

<https://www.wjnet.com/1948-9358/editorialboard.htm>

PUBLICATION DATE

November 15, 2021

COPYRIGHT

© 2021 Baishideng Publishing Group Inc

INSTRUCTIONS TO AUTHORS

<https://www.wjnet.com/bpg/gerinfo/204>

GUIDELINES FOR ETHICS DOCUMENTS

<https://www.wjnet.com/bpg/GerInfo/287>

GUIDELINES FOR NON-NATIVE SPEAKERS OF ENGLISH

<https://www.wjnet.com/bpg/gerinfo/240>

PUBLICATION ETHICS

<https://www.wjnet.com/bpg/GerInfo/288>

PUBLICATION MISCONDUCT

<https://www.wjnet.com/bpg/gerinfo/208>

ARTICLE PROCESSING CHARGE

<https://www.wjnet.com/bpg/gerinfo/242>

STEPS FOR SUBMITTING MANUSCRIPTS

<https://www.wjnet.com/bpg/GerInfo/239>

ONLINE SUBMISSION

<https://www.f6publishing.com>



Letter to editor 'Gastroenteropathy in gastric cancer patients concurrent with diabetes mellitus'

Yu-Xi Cheng, Wei Tao, Wei Zhang, Dong Peng

ORCID number: Yu-Xi Cheng 0000-0002-9220-7855; Wei Tao 0000-0002-3149-0642; Wei Zhang 0000-0002-5822-9970; Dong Peng 0000-0003-4050-4337.

Author contributions: All authors wrote and edited the manuscript.

Conflict-of-interest statement: The authors declare they have no conflicts of interest.

Open-Access: This article is an open-access article that was selected by an in-house editor and fully peer-reviewed by external reviewers. It is distributed in accordance with the Creative Commons Attribution NonCommercial (CC BY-NC 4.0) license, which permits others to distribute, remix, adapt, build upon this work non-commercially, and license their derivative works on different terms, provided the original work is properly cited and the use is non-commercial. See: <http://creativecommons.org/licenses/by-nc/4.0/>

Provenance and peer review: Invited article; Externally peer reviewed

Specialty type: Endocrinology and metabolism

Country/Territory of origin: China

Peer-review report's scientific

Yu-Xi Cheng, Wei Tao, Wei Zhang, Dong Peng, Department of Gastrointestinal Surgery, The First Affiliated Hospital of Chongqing Medical University, Chongqing 400016, China

Corresponding author: Dong Peng, PhD, Doctor, Surgeon, Department of Gastrointestinal Surgery, The First Affiliated Hospital of Chongqing Medical University, No. 1 Youyi Road, Yuanjiagang, Yuzhong District, Chongqing 400016, China. carry_dong@126.com

Abstract

The present letter to the editor is related to the study titled "Diabetic gastroenteropathy: An underdiagnosed complication". Diabetic gastroenteropathy contributes to a decline in quality of life. In addition, gastroenteropathy is generally observed in patients with concurrent gastric cancer and diabetes mellitus before surgery, and the occurrence of the symptoms might be due not only to cancer but also to the complications of diabetes mellitus.

Key Words: Gastric cancer; Gastroenteropathy; Diabetes mellitus; Letter to the Editor; Commentary

©The Author(s) 2021. Published by Baishideng Publishing Group Inc. All rights reserved.

Core Tip: This letter to the editor serves to analyze the relationship among gastric cancer, diabetes mellitus (DM), and gastroenteropathy, and the occurrence of the symptoms might be due not only to cancer but also to the complications of DM. In our clinical center, some of the symptoms of gastroenteropathy were in remission after gastrectomy. The reason might be radical resection of the malignant tumor. Another reason we hypothesized was DM remission after gastrectomy.

Citation: Cheng YX, Tao W, Zhang W, Peng D. Letter to editor 'Gastroenteropathy in gastric cancer patients concurrent with diabetes mellitus'. *World J Diabetes* 2021; 12(11): 1967-1968

URL: <https://www.wjgnet.com/1948-9358/full/v12/i11/1967.htm>

DOI: <https://dx.doi.org/10.4239/wjd.v12.i11.1967>

quality classification

Grade A (Excellent): 0
 Grade B (Very good): 0
 Grade C (Good): C
 Grade D (Fair): 0
 Grade E (Poor): E

Received: June 11, 2021

Peer-review started: June 11, 2021

First decision: July 15, 2021

Revised: July 24, 2021

Accepted: September 30, 2021

Article in press: September 30, 2021

Published online: November 15, 2021

P-Reviewer: Hasan B, Kawabata H

S-Editor: Fan JR

L-Editor: Filipodia

P-Editor: Fan JR

**TO THE EDITOR**

We read the review by Concepción Zavaleta *et al*[1] titled of “Diabetic gastroenteropathy: An underdiagnosed complication” with great interest[1]. This review systematically concluded that the pathophysiology and management of diabetic gastroenteropathy were poorly performed in patients with diabetes mellitus (DM). Although the diagnosis was not exactly accurate, after consultation and discussion in a multidisciplinary manner with experts, the core of treatment in diabetic gastroenteropathy was to delay the disease process and to restore gastrointestinal function, with blood glucose controlled by nutrition management.

We agree with the opinion in this review. It was similarly reported by previous studies that gastrointestinal discomfort in DM patients, especially gastroparesis, was associated with factors including hyperglycemia, vagal dysfunction, Cajal interstitial cells, and oxidative stress[2,3]. Gastroparesis could significantly contribute to the decline in quality of life, and nutritional status was affected by the discomfort, which included abdominal distension, vomiting, and diarrhea.

In our clinical center, we found that gastroenteropathy was generally observed in patients with concurrent gastric cancer (GC) and DM before surgery, and the occurrence of the symptoms might be due not only to cancer but also to the complications of DM. Fortunately, some of the symptoms of gastroenteropathy were in remission after gastrectomy. The reason, which could be easily estimated, was radical resection of the malignant tumor. Another reason we hypothesized was DM remission after gastrectomy, which was considered to be oncometabolism surgery in previous studies[4]. Since gastroenteropathy is considered one of the complications of DM, with the remission of DM, the symptoms of gastroenteropathy might decrease or disappear.

To our knowledge, no previous studies have analyzed the relationship among GC, DM, and gastroenteropathy. A previous study reported that the patients who underwent gastrectomy with Roux-en-Y construction showed better type 2 DM remission[5], but no study has focused on gastroenteropathy after gastrectomy. Thus, gastroenteropathy in GC patients concurrent with DM should be a focus, and a larger sample size and multicenter randomized controlled trials are needed in future studies.

ACKNOWLEDGEMENTS

We acknowledge all the authors whose publications are referred in our article.

REFERENCES

- 1 **Concepción Zavaleta MJ**, González Yovera JG, Moreno Marreros DM, Rafael Robles LDP, Palomino Taype KR, Soto Gálvez KN, Arriola Torres LF, Coronado Arroyo JC, Concepción Urteaga LA. Diabetic gastroenteropathy: An underdiagnosed complication. *World J Diabetes* 2021; **12**: 794-809 [PMID: 34168729 DOI: 10.4239/wjd.v12.i6.794]
- 2 **Bharucha AE**, Kudva YC, Prichard DO. Diabetic Gastroparesis. *Endocr Rev* 2019; **40**: 1318-1352 [PMID: 31081877 DOI: 10.1210/er.2018-00161]
- 3 **Parkman HP**, Wilson LA, Farrugia G, Koch KL, Hasler WL, Nguyen LA, Abell TL, Snape W, Clarke J, Kuo B, McCallum RW, Sarosiek I, Grover M, Miriel L, Tonascia J, Hamilton FA, Pasricha PJ; NIDDK Gastroparesis Clinical Research Consortium (GpCRC). Delayed Gastric Emptying Associates With Diabetic Complications in Diabetic Patients With Symptoms of Gastroparesis. *Am J Gastroenterol* 2019; **114**: 1778-1794 [PMID: 31658129 DOI: 10.14309/ajg.0000000000000410]
- 4 **Lee TH**, Lee CM, Park S, Jung DH, Jang YJ, Kim JH, Park SH, Mok YJ. Long-term Follow-up for Type 2 Diabetes Mellitus after Gastrectomy in Non-morbidly Obese Patients with Gastric Cancer: the Legitimacy of Onco-metabolic Surgery. *J Gastric Cancer* 2017; **17**: 283-294 [PMID: 29302369 DOI: 10.5230/jgc.2017.17.e34]
- 5 **Choi YY**, Noh SH, An JY. A randomized controlled trial of Roux-en-Y gastrojejunostomy vs. gastroduodenostomy with respect to the improvement of type 2 diabetes mellitus after distal gastrectomy in gastric cancer patients. *PLoS One* 2017; **12**: e0188904 [PMID: 29216250 DOI: 10.1371/journal.pone.0188904]



Published by **Baishideng Publishing Group Inc**
7041 Koll Center Parkway, Suite 160, Pleasanton, CA 94566, USA

Telephone: +1-925-3991568

E-mail: bpgoffice@wjgnet.com

Help Desk: <https://www.f6publishing.com/helpdesk>

<https://www.wjgnet.com>

