

Preliminary Analysis of Follow-up Completion Rate of Hepatitis B and Hepatitis C Screening positive Patients Using Case Management

Y. CHEN¹, P. HSU, C. LIN and W. SUNG

Taichung Veterans General Hospital, Taichung, Taiwan

P844

INTRODUCTION

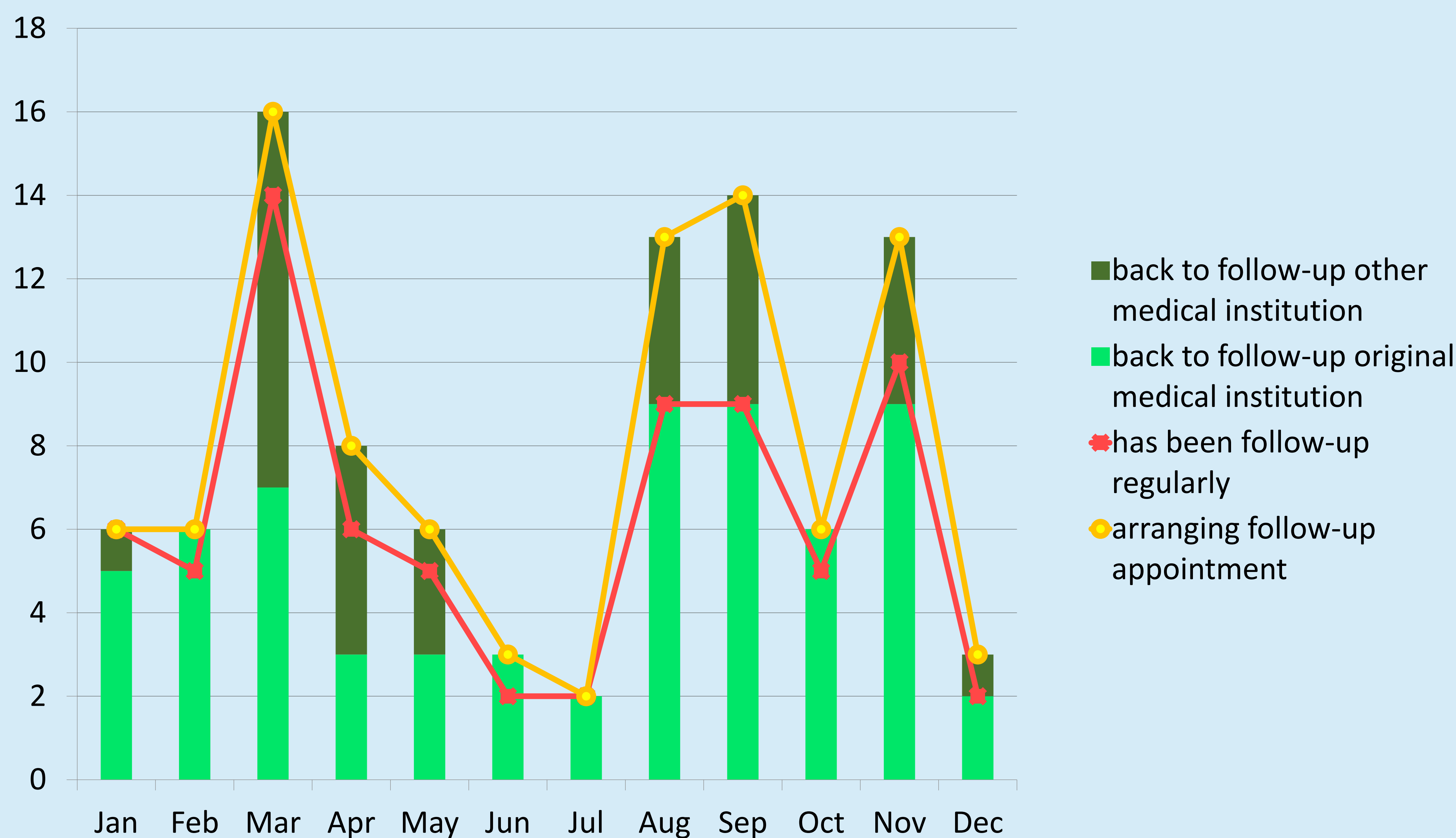
To achieve the vision of eliminating hepatitis C, the central government encourages medical institutions to increase screening number. By giving quality-award to hospital with remarkable promotion. Taichung Veterans General Hospital, the biggest medical center in central Taiwan, was the only hospital which receive this award for two consecutive years in central Taiwan. With increasing screening number and regular follow-up, we believe early detection of abnormal lesions as well as treatment can reduce potential chronic inflammation and cancer.

AIM

Ministry of Health and Welfare (MOHW) announces the leading cause of death in Taiwan is carcinoma, and the mortality rates of liver cancer is the second highest among carcinoma. The risk factor associated with the development of chronic liver disease, cirrhosis, and hepatocellular carcinoma are infected by hepatitis B or C. Attaching importance to hepatitis carrier rates is urgently needed to achieve the global Hepatocellular carcinoma control.

RESULTS

Affected by COVID-19 in 2021, many patients were worried about the risk of being infected by this disease when going to the hospital, so patients' willingness to follow-up was not high. According to statistics of 2022, there were 1698 cases of hepatitis B and hepatitis C screening cases, which contains 154 positive cases. After arranging follow-up appointment with case manager, the follow-up rates of screening-positive patients increased from 48% (75/154) to 62% (96/154). Preliminary finding that case management can improve follow-up rate. During case management, we found many patients had no insight and refused to follow-up use busy as an excuse.



Patients of hepatitis B and C follow-up completion in 2022

METHOD

Use the case management model to improve follow up rate of screening-positive patients of hepatitis B and C. This model include :

- Providing helpline.
- Holding health education programs.
- Formulating follow-up screening procedures.
- Referral to specialist.
- Encourages patients to receive abdominal ultrasound and liver function tests semi-annually.
- Improve diet management and exercise guidance for cases with related chronic diseases.

CONCLUSIONS

This project enhance tracking cognition for screening-positive patients, and provides them comprehensive care. It can provide medical department with reference, which can reduce occurrence of liver cancer and medical expenses.

ACKNOWLEDGEMENT

Taichung Veterans General Hospital / Rong Kang Medical Foundation Joint Research Program.



REFERENCES

- Liu, I. L., Yang, Y. C., Zeng, Y. H., et al. (2022). Enhancing the Quality of Follow-Up Care for Patients with Hepatitis B and C Using an Electronic Reminder System. *Journal of Healthcare Quality*, 16(2), 32-37. <https://doi.org/10.53106/199457952022031602005>
- Lin, C. L., & Kao, J. H., (2008). Epidemiology of Hepatocellular Carcinoma. *Taiwan Oncology Society*, 24(5), 277-281. <https://doi.org/10.6588/JCOS.2008.24.5.1>
- Ministry of Health and Welfare. (2023, June 12). *2022Cause of Death Statistics of Taiwan*. Statistics & Publications. <https://www.mohw.gov.tw/cp-16-74869-1.html>

CONTACT INFORMATION

Ying-Yu Chen

E-Mail : love29corn@gmail.com

If you have any questions,
please feel free to contact me!

Attached

