

Editor's note

This journal is the second issue of year 2024 that is the 34th year of journal publishing. Many interesting topics comprise the editorial titled **Prevention is better than cure in blood donation**, supported by Professor Emeritus Dr. Pimol Chiewsilp, National Blood Centre, Thai Red Cross Society. In this article, there are helpful advices for those who are in charge of donors and donor care. As a result, more donors come to donate blood again and lead to the donor retention. This helps decrease the blood shortage.

As for original article, there are 3 topics as the following:

First topic: **ABO antibody titers and hemolysins in groups O, A, and B blood donors and their pooled leukocyte-poor platelet concentrates at Siriraj Hospital** by Duangtida Promlee, et al, Department of Transfusion Medicine, Faculty of Medicine Siriraj Hospital, Mahidol University. The study found that ABO antibody titer < 128 was observed in 22% of group O blood donors, but 98% had positive hemolysin. Thus, to transfuse group O, LPPC for patients with other ABO groups, hemolysin should be also tested for the transfusion safety of ABO incompatible recipients.

Second topic: **Blood donation and blood reserve management before and after the COVID-19 pandemic: experiences from Songklanagarind Hospital** by Wanwimon Yindee and Saranya Hasarin, Blood Bank and Transfusion Medicine Unit, Department of Pathology, Faculty of Medicine, Prince of Songkla University. In this article, it is proposed the blood banking management effectively in the period of blood shortage, a small

number of donors, etc. due to the COVID-19 pandemic. It can be useful for other blood banks in case of future emerging diseases.

Third topic: **Risk factors of developing vasovagal reaction in blood donors: a prospective case-control study** by Kamin Wongkijpatana, et al, Department of Laboratory Medicine, Faculty of Medicine, Chulalongkorn University and King Chulalongkorn Memorial Hospital, Thai Red Cross Society. In the study, apart from the risk factors of vasovagal reaction found, drinking water before blood donation can help reduce the chance and severity of vasovagal reaction.

Moreover, there is a special article titled **Innovation in monoclonal anti-Mi^a production** by Kanjana Aiemumporn, et al, National Blood Centre, Thai Red Cross Society. This article is about the human monoclonal anti-Mi^a production method of National Blood Centre, Thai Red Cross Society, that can be tested for Mi subclasses and confirmed the quality by Japanese Red Cross Kanto-Koshinetsu.

Journal Editorial Team do hope that all readers will gain the knowledge and benefit from a variety of articles in this journal for the implementation in blood transfusion services both in the area of blood donors and patients. If you have an article or interesting subject, you are invited to submit your article to email: nbcjournal@gmail.com. Your article will be beneficial for blood transfusion services that affect patients.

Sasitorn Bejrchandra
Editor

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The second edition of the Journal of Hematology and Transfusion Medicine in 2024 had a wide range of fascinating subjects. Kedsiree Sanit and Yingyong Chinthammitr from the Department of Medicine, Faculty of Medicine, Siriraj Hospital, Mahidol University, originally published the paper **“Concordance between bone marrow aspiration and bone marrow biopsy to evaluate response after induction chemotherapy in acute myeloid leukemia at Siriraj Hospital”** in this issue. To determine if the two techniques agreed, they examined 233 bone marrow aspiration and biopsy specimens from individuals with acute myeloid leukemia. The findings of this study will assist hematologists in defending the necessity of bone marrow biopsy following induction chemotherapy in patients with acute myeloid leukemia.

There are two case reports in this issue. The first, by Khetwasan Arunphong, et al. from the Division of Hematology, Faculty of Medicine, Chiang Mai University, reports a case of a **38-year-old male with beta-thalassemia/HbE disease presented with progressive dyspnea due to massive pleural effusion caused by extramedullary hematopoiesis**. This is an uncommon manifestation of a common disease. The second case report, Natwipha Ratchaneewong, et al. from the Department of Medicine, Faculty of Medicine, Siriraj Hospital, Mahidol University, reports that **a female patient inherits congenital met-**

hemoglobinemia due to a novel homozygous CYB5R3 mutation and G6PD deficiency, which is a rare and interesting condition.

In this issue, Apichat Photi-A and Piya Rujkyanont from the Division of Hematology-Oncology, Department of Pediatrics, Phramongkutklao College of Medicine presented a review literature titled **Inherited bone marrow failure syndrome, “Shwachman-Diamond Syndrome,”** reviewing clinical manifestations and laboratory findings, molecular diagnosis, treatment, and surveillance of this condition. Nattiya Teawtrakul from the Division of Hematology, Department of Internal Medicine, Faculty of Medicine, Khon Kaen University presented a short communication title, **“Prednisolone versus high-dose dexamethasone in newly diagnosed primary immune thrombocytopenia: which is more effective?”**

We sincerely hope you appreciate the content in this, our journal's second full English issue. Please use our online submission system or the website at <https://www.tci-thaijo.org/index.php/JHematolTransfusMed/login> to submit your paper if you have any interesting topics. Please send an email to sommaphun.t@tsh.or.th to reach the editorial office if you need any further information.

Kanchana Chansung M.D.

Editor in Chief