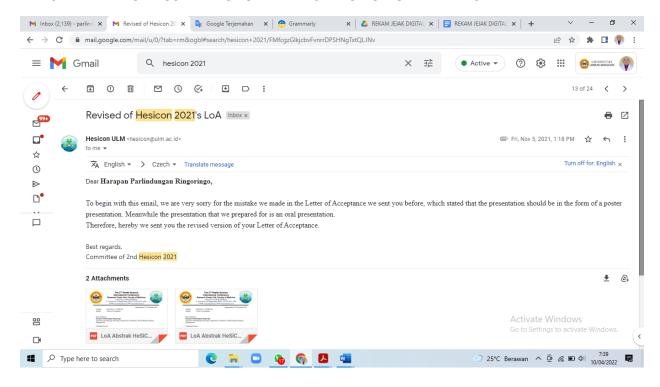
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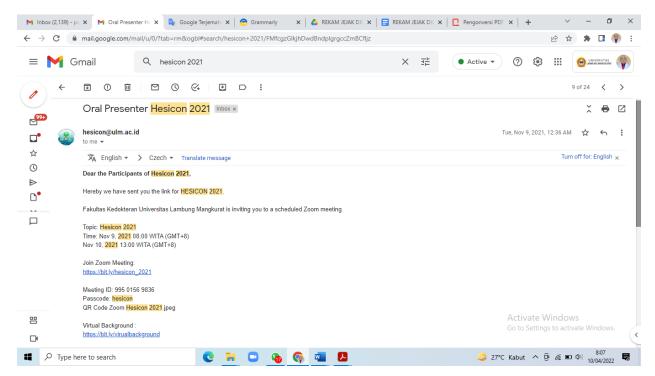
Hematology Profile of Under Five Years Old Children Suffered from Acute Diarrhea at Idaman Banjarbaru Hospital, Indonesia

2nd HESICON NOVEMBER 2021

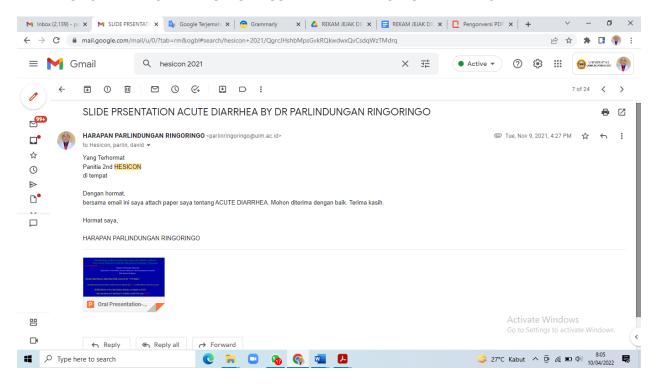
REVISED LETTER OF ACCEPTANCE OF THE ABSTRACT: 5 NOPEMBER 2021



LETTER OF THE ORAL PRESENTATION SCHEDULE: 9 NOPEMBER 2021



LETTER OF SLIDE PRESENTATION OF ACUTE DIARRHEA: 9 NOPEMBER 2021





The 2nd Health Science International Conference Research Center Unit, Faculty of Medicine

Universitas Lambung Mangkurat

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Banjarmasin, 4th November 2021

Number : 049/UN8.1.17/UPR/2021 Subject : Letter of Acceptance

Dear Author(s):

Harapan Parlindungan Ringoringo

(Division of Hematology-Oncology, Departemen of Pediatrics, RSUD Idaman Hospital, Banjarmasin)

Greetings from us,

It is our pleasure to inform you

that your paper entitled "Hematology Profile of Under Five Years Old Children Suffered from Acute Diarrhea at Idaman Banjarbaru Hospital, Indonesia" has been accepted to be presented in oral presentation session of The 2nd Health Science International Conference (HeSiCon) 2021. You are requested to submit the full paper through "Online Paper Submission" in e-mail: hesicon@ulm.ac.id by November 10th and to guarantee your abstract is include in the seminar program we ask you to complete seminar registration by completing the payment. Please follow the guidelines as mentioned in our website hesicon@ulm.ac.id.

We look forward to having you participate in this coming seminar and present you work.

Sincerely,
The 2nd HeSiCon Committee,
Chairman of Committee

Prof. Dr. dr. Nia Kania, Sp.PA (K)

ABSTRACT

HEMATOLOGY PROFILE OF UNDER FIVE YEARS OLD CHILDREN SUFFERED FROM ACUTE DIARRHEA AT IDAMAN BANJARBARU HOSPITAL, INDONESIA

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Abstract:

Acute diarrhea is fecal discharge >3 times in 24 hours occurring <14 days. Diarrhea is still a health problem in Indonesia. This study aimed to determine the hematological profile in cases of acute diarrhea in children under five. The hematological profile can help diagnose acute diarrhea. This research method is a descriptive retrospective with data from the medical records of patients with acute diarrhea in children under five at Idaman Banjarbaru Hospital in November 2019 - February 2020. The sampling technique was carried out using consecutive sampling. In this study, a sample of 31 children, 16 boys (51.6%) and 15 (48.4%) girls, were obtained. The results showed that 17/31 (54.8%) of the patients had anemia, and 7/17 (41.2%) of that had iron deficiency anemia (IDA). Leukocytosis and thrombocytosis were found in 32.3%, 12.9% of patients, respectively. Basophilia, eosinopenia, elevated segmented neutrophil, lymphocytosis, monocytosis were found in 100%, 67.7%, 19.4%, 38.7%, 54.8, respectively. Conclusion: IDA is found in 7/31 (22.6%) of children under five who suffer from acute diarrhea. Typical lab results are the presence of basophilia, eosinophenia, lymphocytosis, and monocytosis.

Keywords: Acute diarrhea; Hematological profile; Under-five child

