

SUMY STATE UNIVERSITY
MEDICAL INSTITUTE



«**BIOMEDICAL
PERSPECTIVES**»

ABSTRACT BOOK

International Scientific and Practical Conference
of Students, Postgraduates and Young Scientists

(Sumy, October 16-18, 2019)

Sumy
Sumy State University
2019

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE
SUMY STATE UNIVERSITY
MEDICAL INSTITUTE



«BIOMEDICAL PERSPECTIVES»

ABSTRACT BOOK

International Scientific and Practical Conference of Students, Postgraduates and
Young Scientists

(Sumy, October 16-18, 2019)

Sumy
Sumy State University
2019

CLINICAL AND LABORATORY FEATURES OF MODERN CHICKEN POX IN

ADULTS

Kyrylenko V.

Research advisor: Dr. med. sciences, prof. Chemych M. Department of Infectious Diseases and Epidemiology Medical Institute, Sumy State University

Introduction. In Ukraine, about 100-130 thousand cases are registered every year. Smallpox in Ukraine ranks second in prevalence after SARS. Traditionally, chicken pox is attributed to childhood infections, but adults also suffer from this disease.

Goal. To establish the characteristics of the course of chicken pox in adults at the present stage.

Materials and methods. Medical maps of inpatients were analyzed and 65 patients with varicella who were undergoing treatment in the infectious ward of the Clinical Hospital No. 4 of the SMR in 2016-2018 were examined.

Results. Among the surveyed men and women were equal. The mean age was (26.6 ± 0.89) years. The majority of people living in the city were 46 (76.7 %).

From anamnestic data, it was found that in the past, no one had a chicken pox, and 9 (13.85 %). Were in contact with patients with this disease.

The course of the disease was moderate. Among the clinical signs of the disease were the following: general weakness in all subjects; typical vesicular rash on the skin - in 62 (95.3 %) people and oral mucous membrane - in 19 (29.2 %) people. Increased body temperature in 58 (89.2 %) subjects, which fluctuated within (38.15 ± 0.08)⁰ C. Clinical blood test showed a tendency for leukopenia ($5,19 \pm 0,10$) $\times 10^9/l$, erythrocyte content - ($4,19 \pm 0,04$) $\times 10^{12}/l$ and erythrocyte sedimentation rate was - ($11,72 \pm 0,58$) mm/h.

Indicators of biochemical analysis of blood of patients: total protein - ($75,38 \pm 0,74$) g / l, average blood sugar level was ($4,52 \pm 0,08$) mmol / l, total bilirubin - ($12,10 \pm 0,49$) mmol / l, urea - ($5,44 \pm 0,14$) mmol / l, creatinine - ($77,4 \pm 1,68$) mmol / l.

In the study of clinical analysis of urine of patients revealed that the specific gravity fluctuated within ($1016,38 \pm 0,68$), leukocytes were ($2,18 \pm 0,23$) in the field of view, the protein is (0.03 ± 0.01) g / l.

Conclusion. A windy pox men and women are ill with identical frequency. Among a clinical symptomatology characteristic were: motion of middle weight, fervecence to the febrile numbers. At laboratory research the set tendency to the acceleration of ESR, decline of content of leucocytes.

E-mail for correspondence: doktor602@gmail.com