



InterConf
Scientific Publishing Center

SCIENTIFIC COLLECTION «INTERCONF»

№ 74 | September, 2021

THE ISSUE CONTAINS:

Proceedings of the 3rd International Scientific and Practical Conference

RECENT SCIENTIFIC INVESTIGATION

OSLO, NORWAY

16-18.09.2021

OSLO
2021

UDC 001.1

S 40 *Scientific Collection «InterConf», (74): with the Proceedings of the 3rd International Scientific and Practical Conference «Recent Scientific Investigation» (September 16-18, 2021). Oslo, Norway: Dagens næringsliv forlag, 2021. 396 p.*

ISBN 978-82-7346-353-1

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1. Surname N. (2021). Title of article or abstract. *Scientific Collection «InterConf», (74): with the Proceedings of the 3rd International Scientific and Practical Conference «Recent Scientific Investigation» (September 16-18, 2021) Oslo, Norway; pp. 21-27. Available at: [https://interconf.top/...](https://interconf.top/)*
2. Surname N. (2021). Title of article or abstract. *InterConf, (74), 21-27*. Retrieved from [https://interconf.top/...](https://interconf.top/)

This issue of Scientific Collection «InterConf» contains the International Scientific and Practical Conference. The conference provides an interdisciplinary forum for researchers, practitioners and scholars to present and discuss the most recent innovations and developments in modern science. The aim of conference is to enable academics, researchers, practitioners and college students to publish their research findings, ideas, developments, and innovations.


















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**HEALTHCARE WORKERS, HIGH-RISK GROUP
FOR LATEX ALLERGY**

The prevalence of contact-allergic dermatitis in the world varies between 20 to 25%. The use of latex gloves as well as products made of latex in the work environment are risk factors for occupational allergies among different categories of workplaces. Doctors, nurses and junior nurses are the most affected. In medical staff, contact allergic dermatitis is diagnosed in the range from 3% to 10% of cases.

Under our supervision there were 14 patients (doctors, nurses, junior nurses) who were diagnosed with contact-allergic dermatitis. In the observation group there were 9 women (64.3%) and 5 men (35.7%), aged 18 to 55 years, mean age 37.1 ± 0.1 . All patients underwent molecular allergy diagnosis. The level of total Ig E was 912.93 ± 164.84 kU / L (77 - 1999 kU / L). The level of specific Ig E to Hev b 6.02 was 6.34 ± 1.78 kU / L (0.16 - 26.61 kU / L).

Conclusions:

1. Molecular allergological diagnosis is a diagnostic tool that allows you to detect an allergic reaction to latex proteins.
2. The patient has the opportunity to use personal protective equipment and products made without latex, which allows him to be needed and stay in his profession.