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ASSOCIATIONS BETWEEN ASTHMA AND TRAUMATIZATION IN CHILDHOOD

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OBJECTIVE

The aim of our study was to assess the associations between various types of abuse, neglect and asthma.[1, 2, 3, 4]

METHODS

Using a cross-sectional data from Slovak representative sample (N = 1018, mean age 46.24 years, 48.7 % men) we collected data on health status and the Childhood Trauma Questionnaire (CTQ).[5, 6] The selected group of respondents reporting asthma (N = 45, mean age 57.36 years, 42.2 % men) was compared with participants reporting no chronic conditions (N = 375, mean age 36.6 years, 57.6% males) and with participants reporting other chronic conditions than asthma (N = 598, mean age 51.4 years, 43.6% males). Multinomial logistic regression model, adjusted for gender and age was performed.

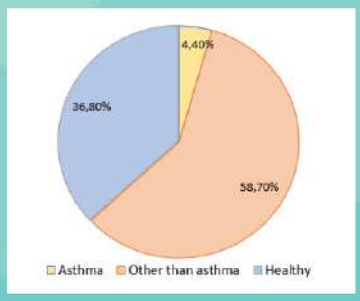

Fig. 1: Research samples

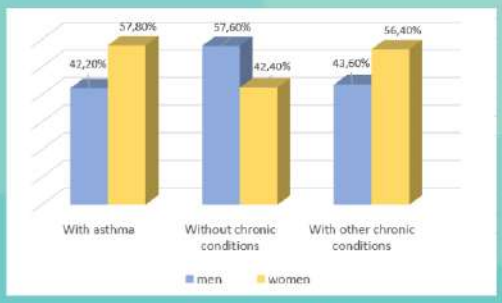

Fig. 2: Frequences in various groups: Men an women with asthma (N=45), men and women with other chronic conditions (N=598), healthy men and women (N=375).

FINDINGS

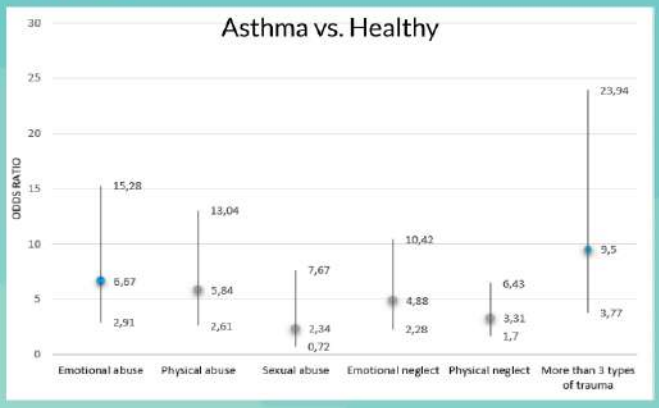

Fig. 3: Various types of abuse and neglect, and reporting of more than 3 types of childhood trauma was associated with a higher odds of reporting asthma compared to a population reporting no chronic disease (OR´s from 2.3 to 9.5; p<0.001).

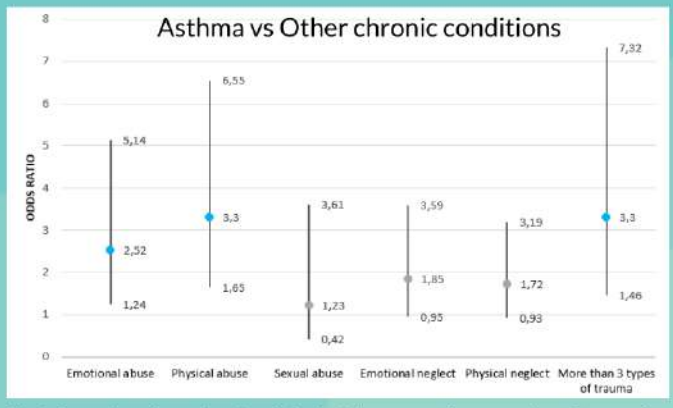

Fig. 4: Reporting of emotional and physical abuse as well as more than 3 types of childhood trauma was associated with a higher odds of reporting asthma compared to a population reporting other chronic conditions than asthma (OR 2.5, p=0.011; OR 3.3, p<0.001; OR 3.3, p=0.004).

CONCLUSION

Reporting various types of abuse and neglect, and reporting of more than 3 types of childhood trauma was associated with a higher odds of reporting asthma compared to a population reporting no chronic disease as well as compared to a population reporting other chronic conditions than asthma.

Knowledge of the links between traumatization in childhood and asthma in adulthood can help with better understanding of psychosomatic aspects of health, with better planning of therapeutic strategies in asthma and to prove prevention of asthma.

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Pro mente sana

DETSTVO BEZ NÁSILIA

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