

HISTORY OF DRUG INTOLERANCE IN A RANDOM SAMPLE OF YOUNG POLES



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QUESTION:

What is the frequency of drug intolerance reactions among adolescents and young adults?

STUDY GROUP: 134 randomly selected farming students: (51 F, 83 M, aged 16-23 (median 19) years.

METHODS:

- ◆ questionnaire
 - history of allergic diseases
 - history of drug intolerance
- ◆ total IgE
- ◆ Phadiatop



RESULTS:

- ◆ History of drug intolerance reported by 9.7% (95%CI 4.7-14.7%) Table 1
- ◆ Atopy found in 35.3% (95% CI: 27.3-43.3%) Table 2
- ◆ No significant correlation between history of drug intolerance and other variables Table 3

Table 1 Drug intolerance was reported by 13 persons

Intolerance to...	N
Penicillin	5
Doxycyclin	1
Cefadroxil	1
Unspecified antibiotics	2
TOTAL ANTIBIOTICS	9
ASA	4
Metamizole	1
Amimophenazone	1
TOTAL NSAID's	5

Table 2. Allergy among surveyed students

Factor...	Found in...
Atopy	35.3%
Allergic skin disease	on examination 5.9%
	ever 28.7%
Allergic rhinitis	on examination 12.7%
	ever 16.4%
Asthma	on examination 2.2%
	ever 8.8%

Table 3. Analysis of possible risk factors

Intolerance to...	Female Gender	IgE > 120 kU/l	Phadiatop	History of dermatitis	History of allergic rhinitis	History of asthma
...all drugs	p=0.08	p=1.00	p=0.75	p=0.19	p=0.51	p=0.13
...antibiotics	p=0.30	p=1.00	p=0.47	p=0.27	p=1.00	p=0.07



CONCLUSION:

Every tenth Polish youth experienced in his/her life at least one episode of drug intolerance.

More information at:

www.RadoslawSpiewak.net
 more data, more reprints, more science

<http://www.RadoslawSpiewak.net/a04-05.htm>

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