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**Title:** The directions of mild asthma evolution

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**Body:** Mild asthma is the heterogenic cohort with low level of adherence and asthma control, so investigators curiously study it. The aim was to study the results of evolution of the disease in mild asthma cohort for the period of 3 years. We studied the history of 141 patients with a 3 year history of mild persistent asthma. Three groups were formed: 1<sup>st</sup> group – had actual controlled asthma (n=43), 2<sup>nd</sup> – had partly controlled asthma (n=74), 3<sup>rd</sup> – uncontrolled asthma (n=24). E-data base collected the data of all the patients and includes information concerning educational level, passing educational asthma programs, lung function, Ig E level, treatment regimens, asthma control, measured by ACQ and ACT, cooperation index, life quality level and etc. We observed in the 1<sup>st</sup> group – higher level of lung function and life quality level. Patients of this group more often took part in asthma educational programs, had higher cooperation index (p<0.05). Besides this, 28% this group didn't get any therapy for 3 last months and 6.9% passed successfully allergen-specific immunotherapy. We have revealed difference in educational status and life quality level in other two groups. Patients of the 3<sup>rd</sup> group had significantly higher ICSs current dose (269.6±13.9 mkg per day vs 108.9±119.5 mkg per day in the 2<sup>nd</sup> group), Ig E level, low cooperation index, more rarely have made planned visits to their physician (p<0.05). Obvious difference in asthma control assessed by ACT test between 2<sup>nd</sup> and 3<sup>rd</sup> groups was not found. Conclusion: The results of evolution of the disease finally demonstrate several interventions that could influence predictably on it: taking part in asthma educational programs, pass allergen-specific immunotherapy, making planned visits to the physician.