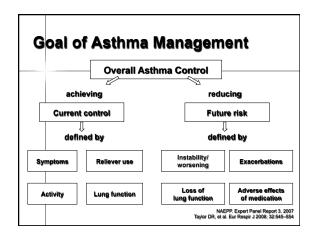
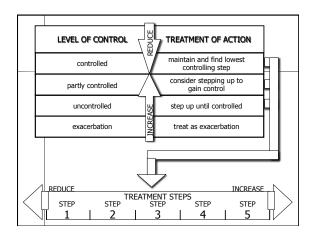
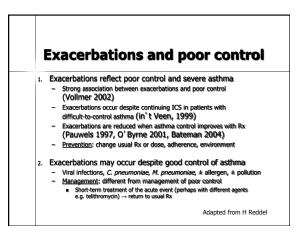
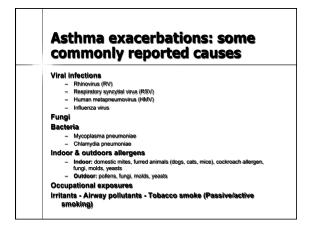


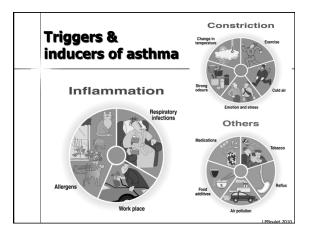
		ma Control	
Characteristic	Controlled (All of the following)	Partly controlled (Any present in any week)	Uncontrolled
Daytime symptoms	None (2 or less / week)	More than twice / week	3 or more features of partly controlled asthma present in any week
Limitations of activities	None	Any	
Nocturnal symptoms / awakening	None	Any	
Need for rescue / "reliever" treatment	None (2 or less / week)	More than twice / week	
Lung function (PEF or FEV ₁)	Normal	< 80% predicted or personal best (if known) on any day	
Exacerbation	None	One or more / year	1 in any week

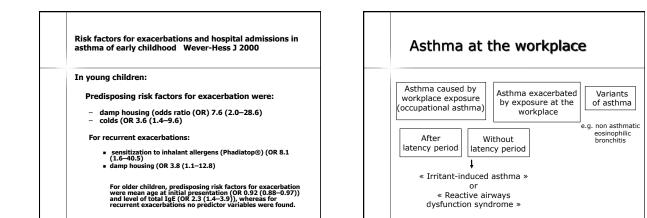


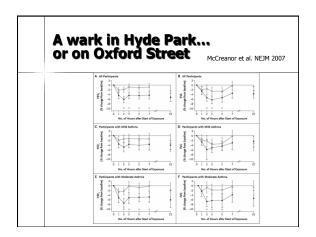


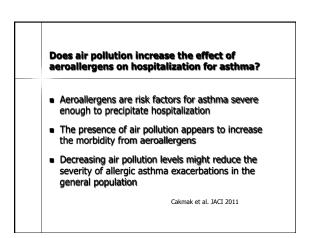








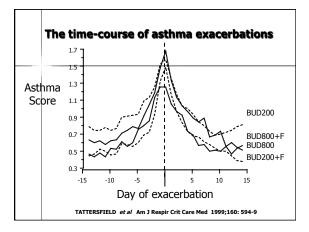


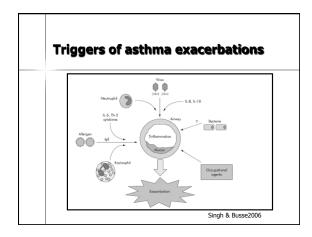


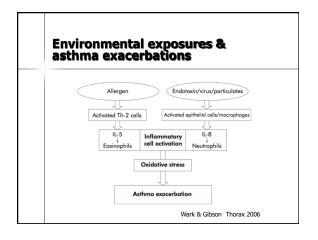
Smoking and asthma: clinical consequences Increased asthma morbidity and severity Reduced asthma control Increased health care use

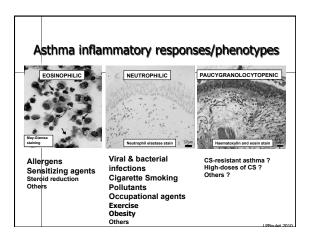
- Increased rate of decline in pulmonary function
- Reduced response of asthma medications

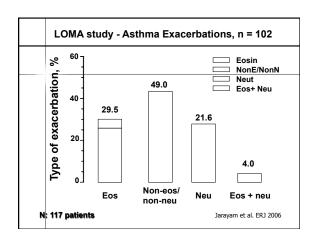
Boulet LP, et al. Smoking and asthma:clinical&radiologic features, lung function, and airway inflammation. Chest. 200 Utrik CS, Lange P, et al. At Syser follow-yearly of ventilatory function in adult with mathma. N Engl J Med 1998 Stroux V, et al. Relationships of active smoking to asthma and asthma astemia. The CSA study. Eur Respir J 2000 Chainers GW, et al. Indiance of objective smoking to asthma and asthma astemia. The CSA study. Eur Respir J 2000 Thomson NC, et al. Conficiencie of anti-state smoking in a mokers with asthma: clinical evidence, mechanisms, and management. There Respir Med. 2006

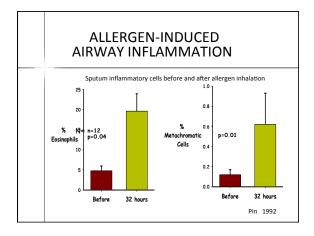


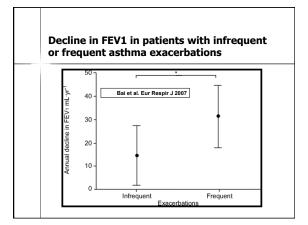


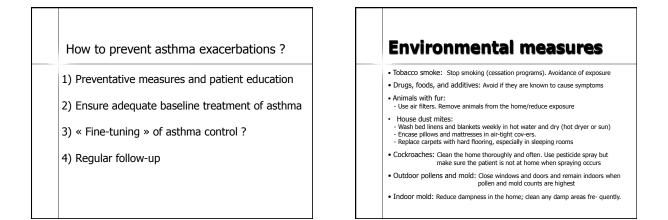


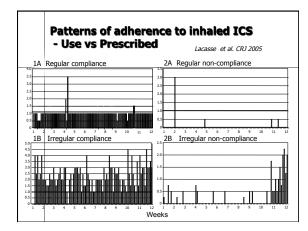


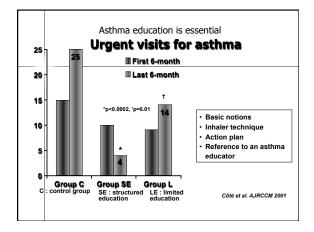




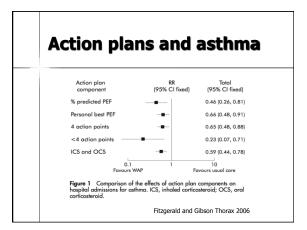


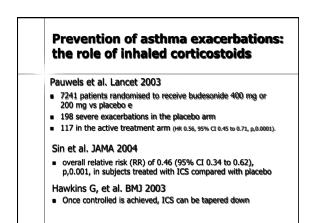


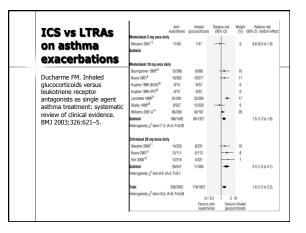


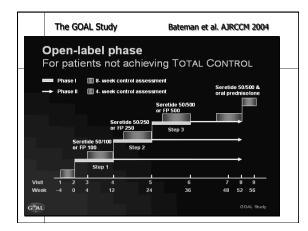


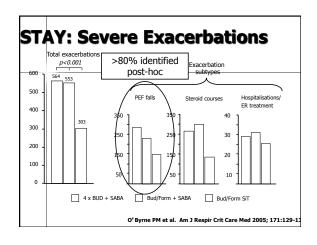
	Overall effects	Effects of optimal self- management intervention	NN
Hospital admission	0.64 (0.50 to 0.82)	0.58 (0.43 to 0.77)	21
Emergency visit	0.82 (0.73 to 0.94)	0.78 (0.67 to 0.91)	18
Unscheduled doctor visit	0.68 (0.56 to 0.81)	0.73 (0.58 to 0.91)	24
Days off work	0.79 (0.67 to 0.93)	0.81 (0.65 to 1.01)	12

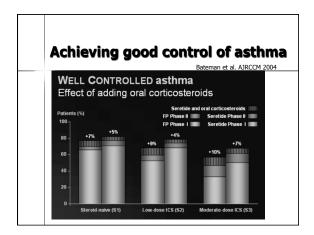


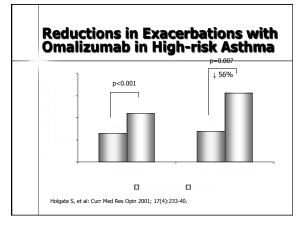


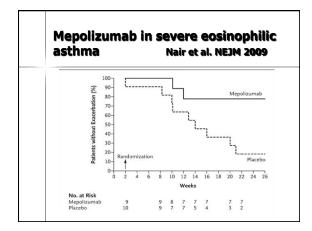


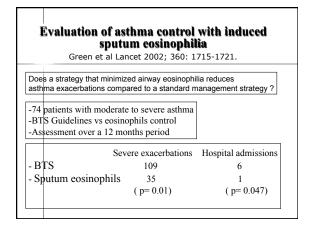


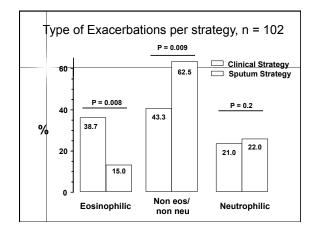


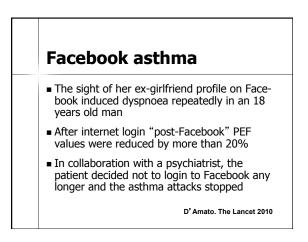












Conclusions

- Asthma exacerbations are a frequent indicator of insufficient asthma control and lead to increase health care use and accelerated decline in lung function
- Viral infections and allergen exposure are the most common cuases of asthma exacerbations
- Asthma exacerbations can be prevented by asthma education, preventative measures and adequate treatment
- Frequent exacerbations require a reassessment of the main causes of uncontrol