

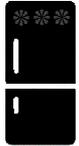
# Prophylaxis against myopia progression with atropine



**Atropine** can slow myopia progression in children at low doses.



- ▶ In order to reduce the impact of atropine on pupil responses and accommodation (the active focusing of the eyes for close viewing distances), a highly diluted solution of atropine is used: **0.01%**



- ▶ Please attend to the advice of your pharmacist regarding the storage temperature and durability.



Up to now, systematic studies were performed only in children at school age (6-15 years). Therefore, no safe statements can be made regarding the effects of atropine in adults. Please discuss with your ophthalmologist whether atropine treatment could make sense in your particular case.



- ▶ Atropine is applied every evening, one drop of the 0.01 percent solution into the conjunctival sac. Due to the low pH which is necessary to stabilize atropine, the drops may cause mild burning. Allergic reactions were observed only in rare cases.



- ▶ Since there is no officially approved recipe for the low dose atropine solutions, no product liability can be assumed, as is the case for many other off-label medications. Please consult your physician or pharmacist in case of questions.



- ▶ The effect of atropine can be verified objectively by optical measurements of the length of the eye. Due to the slowly accumulating effect of atropine, measurements should not be done more frequently than once a year.

Rp. (Bitte Lesartikler durchkreuzen)	
Atropine 0.01%	Atropin POS 0,5% eyedrops 0,1 ml
	EDTA-benzalkoniumchloride 0,1% (pH 4,6) NRF S.18 0,245 g
	NaCl 0,9% solution ad 5 ml



- ▶ Atropine is toxic at high doses. **The eye drops must be stored safely out of the reach of children!** In case of an assumed intoxication after oral intake (like dry mouth, nausea, unconsciousness, urinary retention) please contact the emergency doctor (in Germany **112**).

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