

Nasal applicator

A b s t r a c t

Nasal applicators are an important aid for introducing powdery, pharmacologically active medicaments into the nasopharyngeal space of a patient. The present nasal applicator is based on a manually actuated compressed air source connected to an inflow channel (8) for generating a compressed air jet, a storage container (3) for the medicament and a metering device for making available a portioned-off quantity of the medicament which is caught by the compressed air jet and transported through an outflow channel (9) into the nose. The metering device consists of a metering drum (5) in which the storage container (3) for the medicament is formed by the interior of the metering drum (5). In addition, the inflow channel (8) is connected to one end of a metering channel (7) and the outflow channel (9) to the other end of the metering channel (7). The quantity of medicament made available in one portioning chamber (13) of the metering drum (5) protrudes into the metering channel (7) in such a manner that it is completely caught by the compressed air jet and transported into the nasal cavities.

(Fig. 1)

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