

The Adapplicator®

Spraying
instead of
injecting

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Applications (selection)

- **Internal medicine**
Alternative for patients with resorption and absorption disorders where oral application would appear to be inefficient
- **Paediatric medicine**
When children are afraid of needles and to avoid alcoholic drops or large-sized tablets/coated tablets, and for contact-free treatment of nappy rash
- **Geriatric medicine**
Alternative for patients with clotting disorders or whose veins are in poor condition
- **Care**
For dryness of the mouth, and for decubitus care
- **Emergency medicine**
Use of sprays for burns, changing dressings and cleaning wounds
- **Dental medicine**
Concomitant therapy, e.g. for sensitivity at the tooth apex and parodontopathy
- **Veterinary medicine**
As alternative to injections
- **Wellness/anti-aging**
e.g. skin care with cosmetics

Instructions for use

One spray with the Adapplicator® corresponds to a defined spray volume of 0.09 ml per spray (corresponding to approx. 3 drops). A certain time interval should be observed between the individual sprays.

The content of the ampoule should be sprayed either sublingually, onto the buccal mucosa, or into the pharynx. Spraying onto the tongue should be avoided. The Adapplicator® is available for 1 ml and 2 ml ampoules.

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An applicator
for all cases

BRAUN®
Molding your visions

Adapplicator_ProductFlyer_EN_1511



Now you can spray
your patients back
to health!

BRAUN®
Molding your visions

The Adapplicator®

Idea

Considering the needs of individual patients is an important step towards successful healing – and the basis for sustaining patient loyalty.

This is where non-invasive application of effective substances with the Adapplicator® (Ampoule Direct Applicator) comes into play.



Use

For the first time, the patented Adapplicator® now facilitates sublingual, buccal and local application of injection solutions without a needle.

Every ampoule can be turned into a mouth spray, skin spray, wound spray, or nose spray. To this end, the contents of the ampoule are atomised by the Adapplicator® into ultra-fine droplets and sprayed most effectively onto the mucous membrane or skin. This creates ideal absorption conditions.

Focus

Criteria for absorption through the mucous membranes

Dissolved substance

Defined spray volume

Spreading, large surface contact

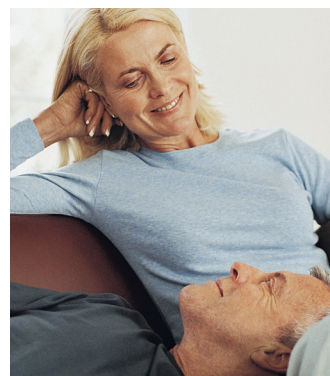
Well vascularised tissue

Contact time

Concentration gradient

Advantages

- Non-invasive alternative to injecting ampoule solutions
- Contact-free application
- Absorption through richly vascularised mucous membrane
- Substances are no longer exposed to enzymatic digestion
- Rapid onset of action
- Independent of interactions in the digestive system (evacuation of the stomach, intake of food)
- Application is also possible in cases of vomiting, swallowing disorders and pathological changes in the small intestine (e.g. malabsorption, maldigestion)
- Oral medication offers an alternative for patients who are afraid of needles, patients whose veins are in poor condition, restless patients (children, geriatric patients, psychiatric patients), and patients who are prone to allergic reactions to tablet carrier substances
- The first-pass effect in the liver is avoided (drug metabolism)
- Ampoule substances are hypo-allergenic, usually free of alcohol and free of preservatives



Function

Step 1

Break open an OPC ampoule and place it in the ampoule holder



Step 2

Introduce the spray head with tube into the ampoule



Step 3

Twist the spray head to lock it with the ampoule holder. Press the pumping unit with the thumb or index finger to spray the liquid



Step 4

Disposal

