Rapidfilm® Technology meets the special needs of specific patient groups

Rapidfilm® also known as orodispersible film (Ph.Eur., EMA) soluble film (FDA):
Oral film, thin strip, flash-release wafer, quick-dissolve film, orally dissolving film, rapidly dissolving film, fast dissolving oral thin film
Rapidfilm® Technology is the perfect formulation for children and elderly patients.

Benefits

For Patients	For Medical Use	Development & Manufacture
Ease of administration • can be taken without water • no need of chewing or swallowing	Guaranteed dose and treatment	Fullfills regulatory requirements (PIP)
Tolerability and proven patient acceptance*: • Acceptability • Swallowability • Palatability	Provides faster onset of action (buccal application)	Variety of doses with only one formulation
Safety: • exact dosing – no spitting out possible • no chocking • child resistant and single packaging	Patient can be given medication lying in bed and without water	Variety of films for different administration routes: • oral • lingual • sub-lingual • buccal
Prompter relief due to faster onset of action via buccal route	Reduces number of drugs which have to be chewed or swallowed	New innovative products for your portfolio
	Provides solution for the unmet specific needs of the patient group	New technology provides opportunities for life cycle management
	Type, frequency and dose of existing medication could remain unchanged	

*Rapidfilm serves your PIP and a clinical trial with 150 small infants in the Childrens University Hospital in Düsseldorf/Germany showed proven patient acceptance. Ask for the results!

Rapidfilm® Technical Facts

Rapidfilm

Area: 6 - 10 cm²
API content: 50 - 100 mg

Area: 3 - 6 cm²
API content: 1 - 50 mg

Area: 1 - 3 cm²
API content: 0,5 - 10 mg

Water/ethanol based drug dispersion in hydrophilic polymers

- Polymers
  - Polyvinyl alcohol (PVA)
  - Polyvinyl pyrrolidone (PVP/Kollidon)
  - Cellulose and derivatives
  - Starch and derivatives
  - Polyacrylic acid (Carbopol)
  - Alginates
- Plasticizers
  - Residual water and ethanol
  - Glycerol
  - Polyethylene oxide (PEO/PEG)
  - Propylene glycol
- (Fillers/Flavours/Taste Masking)
- Process Temperatures
  - 50 – 120°C