

DYNEXAN® takes away the pain!

DYNEXAN® MOUTH GEL



Patient Use: Tubes at 10g
For convenient therapy at home or on the go.



Professional Use: Syringe Cartridges
For use on gingival pockets with a special cannula.

Alcohol free, sugar free, lactose free, gluten free!

kreussler
PHARMA

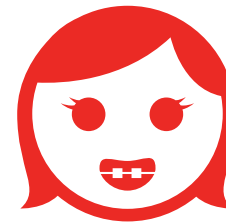
DYNEXAN® stops pain fast!



Kids Care

Growing pains?

Dab the affected area to remove saliva and gently rub a pea-sized amount of DYNEXAN® Mouth Gel onto the painful site. DYNEXAN® Mouth Gel's fast acting effect ensures quick pain relief - for children and parents alike.



Young Adult Care

Injuries by braces?

Tender spots and small trauma on gingiva or lips are common in young adults with braces. DYNEXAN® Mouth Gel alleviates pain from chafing - while its use is safe for children of all ages.



Adult Care

Painful canker sores?

Aphthae (canker sores), gingival inflammation and tender spots by dental prostheses or new implants can cause bothersome pain. DYNEXAN® Mouth Gel stops the pain so you can enjoy your meals - carefree.

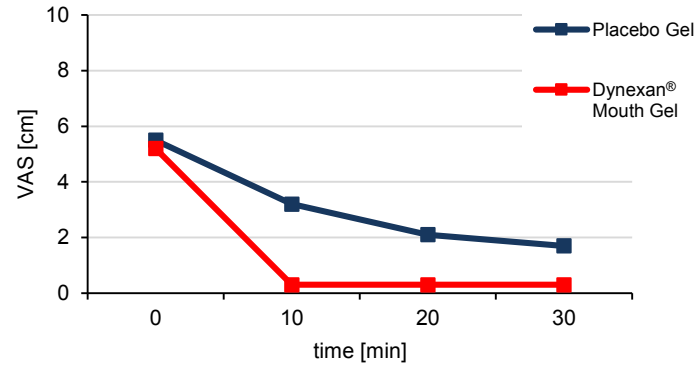
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Clinical Study Overview – Dynexan® Mouth Gel Syringe Cartridges for professional use

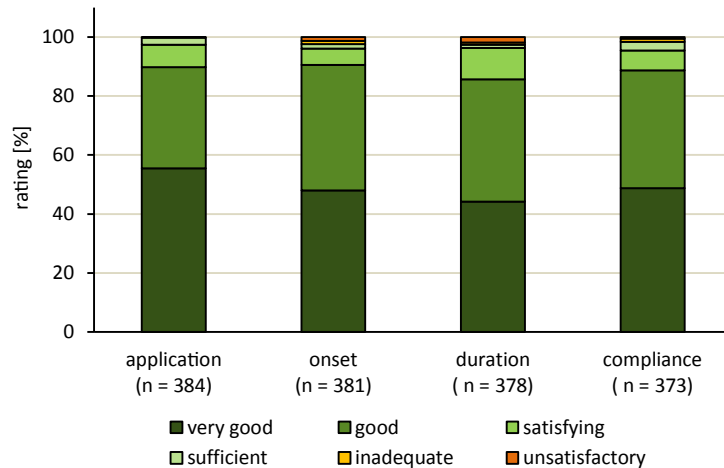
Dynexan® Mouth Gel is a well-known and established product for treatment of painful sites in the oral cavity. It has been proven to be effective and well-tolerated. Its anaesthetic effect develops quickly and lasts for about an hour: This makes it a useful tool for topical anaesthesia whenever fast pain relief is needed.



Perceived pain after non-surgical treatment



Therapist's evaluation of Dynexan® Mouth Gel Syringe Cartridges



Proven Efficacy

Randomised, placebo-controlled, split-mouth clinical study

- **Indication:** Pain control after scaling and root planing for treatment of moderate or advanced periodontitis
- **Assessment method:** Participants of the study state their perceived pain after treatment with Dynexan® Mouth Gel or Placebo on a scale of 0 (no pain) through 10 (worst pain)
- **Result:** Quicker and stronger reduction of perceived pain with Dynexan® Mouth Gel

Ref.: Kasaj et al. 2007

Quality Convinces

Non-interventional study

- **Indication:** Pain control during scaling and root planing, professional mechanical plaque removal or other non-surgical periodontal treatments
- **Assessment method:** Questionnaire for therapist and patient to evaluate product satisfaction
- **Result:** Evaluation of handling by therapists: predominantly “very good “ or “good”
- **Result:** 9 out of 10 patients would choose Dynexan® Mouth Gel again for pain control in a similar treatment

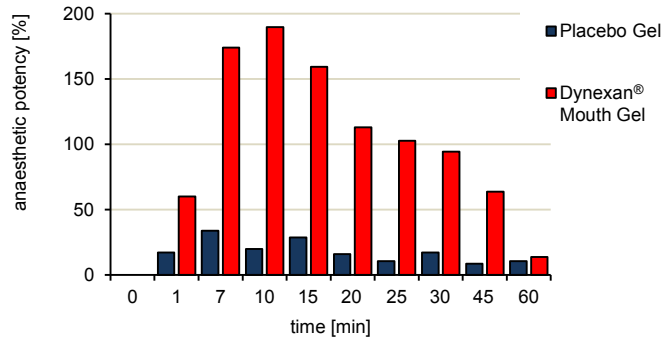
Ref.: Petersilka et al. 2019

Clinical Study Overview – Dynexan® Mouth Gel tubes for patient use at home



Quick Action

Anaesthetic potency of Dynexan® Mouth Gel



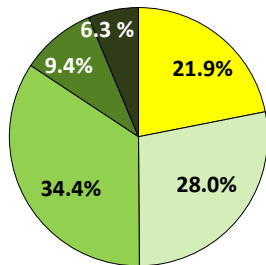
Placebo- and active controlled clinical study in healthy volunteers

- **Indication:** Artificially induced pressure pain
- **Assessment method:** Rating of pressure-induced pain levels on gingiva and papillae
- **Result:** Anaesthetic effect of Dynexan® Mouth Gel developed quickly and lasts for approx. one hour

Ref.: Gruber et al. 1990

Dynexan® Mouth Gel - Suitable for Children

Pain easement in children 6 months to 4 years



- no improvement (0 %)
- Pain reduced by 1 rating
- Pain reduced by 2 ratings
- Pain reduced by 3 ratings
- Pain reduced by 4 ratings
- Pain reduced by 5 ratings

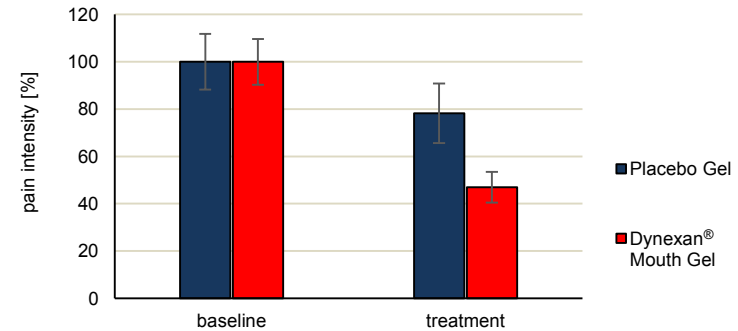
| Rating Scale | | | | | |
|--------------|------------------|-------------------|-----------------|-----------------|-------------|
| 0 | 1 | 2 | 3 | 4 | 5 |
| No Hurt | Hurts Little Bit | Hurts Little More | Hurts Even More | Hurts Whole Lot | Hurts Worst |

Children 6 months to 8 years Randomised, placebo-controlled clinical trial

- **Indication:** Small trauma on lips, tongue, gingiva, teething pain, aphthae
- **Assessment method:** Rating of pain levels using Wong-Baker FACES Pain Rating Scale
- **Result:** Children 6 months to 4 years: 6.3% showed maximum pain improvement by 5 ratings - from "Hurts Worst" to "No Hurt"
- **Result:** Children 4 to 8 years: Pain reduced by 2 ratings (placebo minus 1.2 ratings)

Ref.: Wolf & Otto 2015

Pain intensity in clamp placement



Children 6 to 15 years Randomised, placebo-controlled clinical trial

- **Indication:** Prevention of pain during dental procedures (e.g. anaesthetic injection, clamp placement) or small traumata in the oral cavity (e.g. aphthae)
- **Assessment method:** Rating of pain levels using visual analog scale (VAS)
- **Result:** The majority of patients rated the taste of Dynexan® Mouth Gel as "pleasant"
- **Result:** Dynexan® Mouth Gel significantly reduced iatrogenic pain

Ref.: Coudert et al. 2014

Proven Efficacy

Several studies showed: Application of DYNEXAN® Mouth Gel on painful sites (scaling, root planing, aphthae, small trauma) reduces perceived pain.

Quick Action

A clinical study on anaesthetic potency of DYNEXAN® Mouth Gel showed: The pain relieving effect establishes within the first minute after application and lasts for one hour.

Good Tolerance

DYNEXAN® Mouth Gel contains lidocaine as active substance. Clinical studies with Dynexan® Mouth Gel proved its good tolerance and safe use in adults and children as young as 6 months.

40 Years Experience

DYNEXAN® Mouth Gel is used since 1976 as a safe and effective local anaesthetic in Germany. For many years now, it is also an established product in many other EU countries.

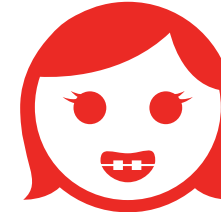
Literature References:

1. Kasaj et al. **Effectiveness of a topical salve (Dynexan) on pain sensitivity and early wound healing following nonsurgical periodontal therapy** Eur J Med Res 2007
2. Petersilka et al. **Non-interventional study to collect data for the application of Lidocaine Gel 2% during scaling and root planing and professional mechanical plaque removal** Clin Oral Investig 2019
3. Coudert et al. **Phase III, randomized, double-blind, placebo-controlled trial of topical 2% lidocaine for the prevention and treatment of oral mucosal pain in children** Clin Oral Investig 2014
4. Gruber et al. **Zur lokalanästhetischen Wirkung zweier Mundschleimhautpräparate auf die Gingiva** Quintessenz 1990
5. Wolf & Otto **Efficacy and Safety of a Lidocaine Gel in Patients from 6 Months up to 8 Years with acute painful sites in the oral cavity: A randomized, placebo-controlled, double-blind, comparative Study** Int J Pediatr 2015

DYNEXAN® MOUTH GEL



Oral Pain?



Braces?



Inflamed Gums?

DYNEXAN® stops pain fast!



Information on this flyer is based on German Summary of Product Characteristics. Please refer to your national marketing authorization. **Marketing authorisation holder:** Chemische Fabrik Kreussler & Co. GmbH, 65203 Wiesbaden, Germany **Name of the medicinal product:** Dynexan Mundgel. **Composition:** 1 g gel contains: active ingredient: lidocaine hydrochloride 1H₂O 20 mg; excipients: Benzalkonium chloride, Bitter-fennel fruit oil, Glycerol, Guar galactomanan, partly dementholised mint oil, liquid paraffin, peppermint oil, saccharin sodium, colloidal anhydrous silica, star anise oil, thymol, white soft vaseline, purified water. **Therapeutic indications:** Short-term, symptomatic treatment of pain on the oral mucosa, on the gingiva and lips. **Contraindications:** Absolute: Hypersensitivity to the active substance or to any of the excipients or to local anaesthetics of the amide type. Relative: patients with severe defects affecting the impulse formation and impulse conduction systems of the heart, non-compensated cardiac insufficiency or severe liver or kidney diseases. **Undesirable effects:** Very rare (< 0,01 % including single cases): local allergic and non-allergic reactions (e.g. burning sensation, swelling, redness, itching, urticaria, contact dermatitis, exanthema, pain), changes in taste, numbness, anaphylactic reactions and shock with accompanying symptoms. **Status:** March 2021