

INSIDE MARGINS 11 mm

**HIGHLIGHTS OF PRESCRIBING INFORMATION**  
These highlights do not include all the information needed to use Pliaglis® (Lidocaine and Tetracaine) Cream 7%/7% safely and effectively. See full prescribing information for Pliaglis® (Lidocaine and Tetracaine) Cream 7%/7%.

**INDICATIONS AND USAGE**  
Pliaglis® Cream 7%/7% is a combination of lidocaine, an amide local anesthetic, and tetracaine, an ester local anesthetic, indicated for use on intact skin in adults to provide topical local analgesia for superficial dermatological procedures such as dermal filler injection, pulsed dye laser therapy, facial laser resurfacing, and laser-assisted tattoo removal. (1)

**DOSAGE AND ADMINISTRATION**  
• Apply Pliaglis® Cream to intact skin 20 to 30 minutes prior to the procedure for dermal filler injection, ablative laser facial resurfacing, or pulsed-dye laser therapy. (2.1)

• For superficial dermatological procedures such as laser-assisted tattoo removal, apply Pliaglis® Cream 7%/7% to intact skin for 60 minutes prior to the procedure. (2.1)  
• Amount of cream to apply is determined by size of treatment area. (2.2)

**DOSAGE FORMS AND STRENGTHS**  
Cream: 70 mg of lidocaine and 70 mg of tetracaine per gram (7%; 7%). (3)

**CONTRAINDICATIONS**  
• Known history of sensitivity to lidocaine or tetracaine, or local anesthetics of the amide or ester type. (4)  
• Para-aminobenzoic acid (PABA) hypersensitivity. (4)

**WARNINGS AND PRECAUTIONS**  
• Use with caution in patients who may be more sensitive to systemic effects of lidocaine and tetracaine, including acutely ill or debilitated. (5.1)  
• When used concomitantly with other products containing local anesthetic agents, amount absorbed from all formulations should be considered since systemic toxic effects are thought to be additive and potentially synergistic with lidocaine and tetracaine. (5.1)  
• Do not apply to mucous membranes or broken or inflamed skin. Use only on intact skin. (5.1)

- Do not apply for longer times than those recommended or over larger surface areas than those recommended, which could result in absorption of lidocaine and tetracaine at doses that could lead to serious adverse effects. (5.1)
- Keep Pliaglis® Cream 7%/7% away from children and pets due to the risk of accidental exposure and resulting toxicity (5.2)
- Tetracaine has been associated with methemoglobinemia. Risk of methemoglobinemia is greatest for patients with congenital or idiopathic methemoglobinemia, and infants under age of twelve months who are receiving treatment with methemoglobin-inducing agents. (5.3)
- Allergic reactions have been associated with lidocaine, tetracaine, and other components of Pliaglis® Cream 7%/7%. (5.4)
- Avoid contact with eyes due to possibility of severe eye irritation. (5.5)
- Patients with severe hepatic disease or pseudocholinesterase deficiency, because of their inability to metabolize local anesthetics normally, are at a greater risk of developing toxic plasma concentrations of lidocaine and tetracaine. (5.7)

**ADVERSE REACTIONS**  
Most common local reactions were erythema (47%), skin discoloration (16%), and edema (14%). (6.1)  
**To report SUSPECTED ADVERSE REACTIONS, contact Taro Pharmaceuticals U.S.A., Inc. at 1-866-923-4914 or FDA at 1-800-FDA-1088 or www.fda.gov/medwatch.**

**DRUG INTERACTIONS**  
• Use with caution in patients receiving Class I antiarrhythmic drugs (such as tocainide and mexiletine) since the systemic toxic effects are thought to be additive and potentially synergistic with lidocaine and tetracaine. (7.1)  
• When used concomitantly with other products containing local anesthetic agents, amount absorbed from all formulations should be considered since systemic toxic effects are thought to be additive and potentially synergistic with lidocaine and tetracaine. (7.2)

**USE IN SPECIFIC POPULATIONS**  
• Lidocaine is excreted into human milk and it is not known if tetracaine is excreted into human milk. (8.3)  
• Safety and effectiveness of Pliaglis® Cream 7%/7% in pediatric patients have not been established. (8.4)

**See 17 for PATIENT COUNSELING INFORMATION**  
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**FULL PRESCRIBING INFORMATION: CONTENTS\***

- 1 INDICATIONS AND USAGE
- 2 DOSAGE AND ADMINISTRATION
- 2.1 General Dosing Information
- 2.2 Dosage Information
- 2.3 Important Dosage and Administration Instructions
- 3 DOSAGE FORMS AND STRENGTHS
- 4 CONTRAINDICATIONS
- 5 WARNINGS AND PRECAUTIONS
- 5.1 Overexposure
- 5.2 Risks of Secondary Exposure to Children and Pets
- 5.3 Methemoglobinemia
- 5.4 Allergic Reactions
- 5.5 Eye Irritation
- 5.6 Vaccinations
- 5.7 Special patient populations
- 6 ADVERSE REACTIONS
- 6.1 Clinical Studies Experience
- 6.2 Postmarketing Experience
- 7 DRUG INTERACTIONS
- 7.1 Antiarrhythmic Drugs

- 7.2 Local Anesthetics
- 8 USE IN SPECIFIC POPULATIONS
- 8.1 Pregnancy
- 8.2 Labor and Delivery
- 8.3 Nursing Mothers
- 8.4 Pediatric Use
- 8.5 Geriatric Use
- 10 OVERDOSAGE
- 11 DESCRIPTION
- 12 CLINICAL PHARMACOLOGY
- 12.1 Mechanism of Action
- 12.2 Pharmacodynamics
- 12.3 Pharmacokinetics
- 13 NONCLINICAL TOXICOLOGY
- 13.1 Carcinogenesis, Mutagenesis, Impairment of Fertility
- 14 CLINICAL STUDIES
- 16 HOW SUPPLIED/STORAGE AND HANDLING
- 17 PATIENT COUNSELING INFORMATION

\*Sections or subsections omitted from the full prescribing information are not listed.

200	61	26
250	76	33
300	91	40
350	106	46
400	121	53

**2.3 Important Dosage and Administration Instructions**  
Important Dosage and Administration instructions include:  
• Remove Pliaglis® Cream 7%/7% if skin irritation or a burning sensation occurs during application.  
• In order to minimize the risk of systemic toxicity, do not exceed the recommended amount of drug to apply or the duration of the application [see *Overdosage (10)*].  
• Avoid eye contact with Pliaglis® Cream 7%/7%.  
• Wash hands after handling Pliaglis® Cream 7%/7%.  
• Upon removal from the treatment site, discard the used Pliaglis® Cream 7%/7% in a location that is out of the reach of children and pets. Access to Pliaglis® Cream 7%/7% by children or pets should be prevented during usage and storage of the product [see *WARNINGS and PRECAUTIONS (5.2)*].

**3 DOSAGE FORMS AND STRENGTHS**  
Each gram of Pliaglis® Cream 7%/7% contains lidocaine 70 mg and tetracaine 70 mg and is a smooth, white to off-white, viscous cream.

**4 CONTRAINDICATIONS**  
• Pliaglis® Cream 7%/7% is contraindicated in patients with a known history of sensitivity to lidocaine or tetracaine, local anesthetics of the amide or ester type, or to any other component of the product [see *Warnings and Precautions (5.4)*].  
• Pliaglis® Cream 7%/7% is contraindicated in patients with para-aminobenzoic acid (PABA) hypersensitivity.

**5 WARNINGS AND PRECAUTIONS**  
**5.1 Overexposure**  
• Application of Pliaglis® Cream 7%/7% for longer times than those recommended or application of Pliaglis® Cream 7%/7% over larger surface areas than those recommended could result in absorption of lidocaine and tetracaine at doses that could lead to serious adverse effects [see *Overdosage (10)*].  
• When Pliaglis® Cream 7%/7% is used concomitantly with other products containing local anesthetic agents, consider the amount absorbed from all formulations since the systemic toxic effects are thought to be additive and potentially synergistic with lidocaine and tetracaine.  
• Pliaglis® Cream 7%/7% is not recommended for use on mucous membranes or on areas with a compromised skin barrier because these uses have not been adequately studied. Application to broken or inflamed skin may result in toxic blood concentrations of lidocaine and tetracaine from increased absorption.  
• Use Pliaglis® Cream 7%/7% with caution in patients who may be more sensitive to the systemic effects of lidocaine and tetracaine, including the acutely ill or debilitated.

**5.2 Risks of Secondary Exposure to Children and Pets**  
Used Pliaglis® Cream 7%/7% contains a large amount of lidocaine and tetracaine. The potential exists for a small child or pet to suffer serious adverse effects from ingesting Pliaglis® Cream 7%/7%, although this risk with Pliaglis® Cream 7%/7% has not been evaluated. After use, replace the cap securely on the tube. It is important to store and dispose of Pliaglis® Cream 7%/7% out of the reach of children and pets.

**5.3 Methemoglobinemia**  
• Several local anesthetics, including tetracaine, have been associated with methemoglobinemia. The risk of methemoglobinemia is greatest for patients with congenital or idiopathic methemoglobinemia, and infants under the age of twelve months who are receiving treatment with methemoglobin-inducing agents.  
• Very young patients or patients with glucose-6-phosphate dehydrogenase deficiencies are more susceptible to methemoglobinemia.  
• Patients taking concomitant drugs associated with drug-induced methemoglobinemia such as sulfonamides, acetaminophen, acetanilide, aniline dyes, benzocaine, chloroquine, dapsone, naphthalene, nitrates and nitrites, nitrofurantoin, nitroglycerin, nitroprusside, pamaquine, para-aminosalicylic acid, phenacetin, phenobarbital, phenytoin, primaquine, and quinine are also at greater risk for developing methemoglobinemia.  
• There were no reports of methemoglobinemia in the trials of Pliaglis® Cream 7%/7%; however, providers are cautioned to carefully apply Pliaglis® Cream 7%/7% to ensure that the doses, areas of application, and duration of application are consistent with those recommended for the intended population.

**5.4 Allergic Reactions**  
Allergic or anaphylactoid reactions associated with lidocaine, tetracaine, or other components of Pliaglis® Cream 7%/7% can occur. They are characterized by urticaria, angioedema, bronchospasm, and shock. If an allergic reaction occurs, it should be managed by conventional means. Lidocaine and tetracaine is contraindicated in patients with known hypersensitivity reactions to lidocaine, tetracaine, or local anesthetics of the amide or ester type.

**5.5 Eye Irritation**  
Avoid contact of Pliaglis® Cream 7%/7% with the eyes based on the findings of severe eye irritation with the use of similar products in animals. Also, the loss of protective reflexes may predispose to corneal irritation and potential abrasion. If eye contact occurs, immediately wash out the eye with water or saline and protect the eye until sensation returns.

**5.6 Vaccinations**  
Lidocaine has been shown to inhibit viral and bacterial growth. The effect of Pliaglis® Cream 7%/7% on intradermal injections of live vaccines has not been determined.

**5.7 Special patient populations**  
• Use Pliaglis® Cream 7%/7% with caution in patients who may be more sensitive to the systemic effects of lidocaine and tetracaine particularly the acutely ill or debilitated.  
• Patients with severe hepatic disease or pseudocholinesterase deficiency, because of their inability to metabolize local anesthetics normally, are at a greater risk of developing toxic plasma concentrations of lidocaine and tetracaine.

**6 ADVERSE REACTIONS**  
**6.1 Clinical Studies Experience**  
Because clinical studies are conducted under widely varying conditions, adverse reaction rates observed in clinical studies of a drug cannot be directly compared to rates in the clinical studies of another drug and may not reflect the rates observed in practice. However, the adverse reaction information from clinical trials does provide a basis for identifying the adverse events that appear to be related to drug use and for approximating their incidence in clinical practice.

Pliaglis® Cream 7%/7% has been evaluated for safety in 2159 persons undergoing a superficial dermal procedure. Pliaglis® Cream 7%/7% was studied in 11 placebo-controlled and 1 active-controlled trials, and in open-label safety trials. All 2159 persons were exposed to only a single application of Pliaglis® Cream 7%/7%. Adverse reactions were assessed by collecting spontaneously reported adverse events, and observations made on formal evaluation of the skin for specific reactions.

**Most common adverse events in clinical trials**  
**Localized Reactions:** During or immediately after treatment with Pliaglis® Cream 7%/7%, the skin at the site of treatment may develop erythema, blanching or edema. In clinical studies, the most common local reactions were erythema (47%), skin discoloration (e.g., blanching, ecchymosis, and purpura) (16%), and edema (14%). There were no serious adverse events. However, one patient withdrew due to burning pain at the treatment site.

**Other Localized Reactions:** The following dermal adverse events occurred in 1% or less of Pliaglis® Cream 7%/7%-treated patients: ecchymosis, petechial rash, vesiculobullous rash, perifollicular erythema, perifollicular edema, pruritus, rash, maculopapular rash, dry skin, contact dermatitis, and acne.

**Systemic (Dose-Related) Reactions:** Across all trials, 19 subjects experienced a systemic adverse event, 15 of whom were treated with Pliaglis® Cream 7%/7% and 4 with placebo. The frequency of systemic adverse events was greater for the Pliaglis® Cream 7%/7% group (1%) than the placebo group (0.3%). The most common systemic adverse events were headache, vomiting, dizziness, and fever, all of which occurred with a frequency of <1%. Other systemic reactions were syncope, nausea, confusion, dehydration, hyperventilation, hypotension, nervousness, paresthesia, pharyngitis, stupor, pallor, and sweating.

Systemic adverse effects of lidocaine and tetracaine are similar in nature to those observed with other amide and ester local anesthetic agents, including CNS excitation and/or depression (lightheadedness, nervousness, apprehension, euphoria, confusion, dizziness, drowsiness, tinnitus, blurred or double vision, vomiting, sensation of heat, cold or numbness, twitching, tremors, convulsions, unconsciousness, respiratory depression and arrest). Excitatory CNS reactions may be brief or not occur at all, in which case the first manifestation may be drowsiness merging into unconsciousness. Signs of CNS toxicity may start at plasma concentrations of lidocaine at 1000 ng/mL. The plasma concentrations at which tetracaine toxicity may occur are less well characterized; however, systemic toxicity with tetracaine is thought to occur with much lower plasma concentrations compared with lidocaine. The toxicity of co-administered local anesthetics is thought to be at least additive. Cardiovascular manifestations may include bradycardia, hypotension and cardiovascular collapse leading to arrest.

**6.2 Postmarketing Experience**  
The following adverse reactions have been identified during post-approval use of Pliaglis® Cream 7%/7%. Because these reactions are reported voluntarily from a population of uncertain size, it is not always possible to reliably estimate their frequency or establish a causal relationship to drug exposure.

- Eye disorders: Eyelid swelling
- Skin: Pruritus, Rash, Skin Burning Sensation, Erythema, Urticaria
- Other: Drug ineffective

**FULL PRESCRIBING INFORMATION**  
**1 INDICATIONS AND USAGE**  
Pliaglis® Cream 7%/7% is a combination of lidocaine, an amide local anesthetic, and tetracaine, an ester local anesthetic, and is indicated for use on intact skin in adults to provide topical local analgesia for superficial dermatological procedures such as dermal filler injection, pulsed dye laser therapy, facial laser resurfacing, and laser-assisted tattoo removal.

**2 DOSAGE AND ADMINISTRATION**  
**2.1 General Dosing Information**  
Pliaglis® Cream 7%/7% should only be applied to intact skin.  
**For use in adults only.**  
• For superficial dermatological procedures such as dermal filler injection, non-ablative laser facial resurfacing, or pulsed-dye laser therapy, apply Pliaglis® Cream 7%/7% to intact skin for 20 to 30 minutes prior to the procedure. See Table 1 for instructions on the amount to apply.  
• For superficial dermatological procedures such as laser-assisted tattoo removal, apply Pliaglis® Cream 7%/7% to intact skin for 60 minutes prior to the procedure. See Table 1 for instructions on the amount to apply.  
The dose of Pliaglis® Cream 7%/7% that provides effective local dermal analgesia depends on the duration of the application. Although not specifically studied, a shorter duration of application may result in a less complete dermal analgesia or a shorter duration of adequate dermal analgesia.

**2.2 Dosage Information**  
**Determine the amount of drug to apply.**  
The amount (length) of Pliaglis® Cream 7%/7% that should be dispensed is determined by the size of the area to be treated (see Table 1).  
(a) Using the ruler supplied on the carton, squeeze out and measure the amount of Pliaglis® Cream 7%/7% that approximates the amount required to achieve proper coverage.  
(b) Spread Pliaglis® Cream 7%/7% evenly and thinly (approximately 1 mm or the thickness of a dime) across the treatment area using a flat-surfaced tool such as a metal spatula or tongue depressor.  
(c) After waiting the required application time, remove the Pliaglis® Cream 7%/7% by grasping a free-edge with your fingers and pulling it away from the skin.

**Table 1. Amount of Pliaglis® Cream 7%/7% According to Treatment Site Surface Area**

Surface Area of Treatment Site (cm <sup>2</sup> )	Length of Lidocaine and Tetracaine Cream for 1 mm Thickness (cm)	Weight of Pliaglis® Cream 7%/7% Dispensed (g)
10	3	1
20	6	3
40	12	5
80	24	11
100	30	13
150	46	20

INSIDE MARGINS 11 mm

PERFORATION



