

**fluticasone (topical)**

(floo-tic'a-sonē)

**Cutivate***Func. class.:* Corticosteroid, topical**Do not confuse:**

fluticasone/mometasone/fludrocortisone

**ACTION:** Crosses cell membrane to attach to receptors to decrease inflammation, itching; inhibits multiple inflammatory cytokines

**USES:** Inflammation/itching of corticosteroid-responsive dermatoses on the skin

**CONTRAINDICATIONS:** Hypersensitivity to this product or milk protein, status asthmaticus, monotherapy in primary infections, Cushing syndrome, rosacea, perioral dermatitis, diabetes mellitus

**Precautions:** Pregnancy, children, breastfeeding, skin infections, skin atrophy

**DOSAGE AND ROUTES**

• **Adult:** Apply to affected areas bid (cream/ointment) or daily (lotion) × 4 wk

**Available forms:** Lotion, cream 0.05%, ointment 0.005%

**Administer:****Topical route**

- **Do not use with occlusive dressings**
- **Cream/ointment/lotion:** Apply sparingly in a thin film and rub gently into the cleansed affected area; wash hands, use gloves; avoid use on face, groin, underarms
- Reassess treatment after 2 uses

**SIDE EFFECTS**

**INTEG:** Burning, pruritus, dermatitis, hypertrichosis, hives, rash, xerosis, irritation, hyperpigmentation, miliaria

**META:** Hyperglycemia, glycosuria

**MISC:** HPA axis suppression, Cushing syndrome

**PHARMACOKINETICS**

Absorption 5% but variable; half-life 7 hr

**INTERACTIONS****Drug/Lab**

**Increase:** Blood glucose

**NURSING CONSIDERATIONS****Assess:**

- Skin reactions: burning, pruritus, dermatitis

**Evaluate:**

- Decreasing itching, inflammation on the skin

**Teach patient/family:****Topical route:**

- **Not to use with occlusive dressings**
- **Cream/ointment/lotion:** to apply sparingly in a thin film and rub gently into the cleansed affected area; avoid use on face, groin, underarms; wash hands; use gloves
- To reassess treatment after each use

**fluticasone/salmeterol**

(floo-tic'a-sonē) (sal-mee'ter-ol)

Advair Diskus, Advair HFA, AirDuo RespiClick

*Func. class.:* Corticosteroid, long-acting/ $\beta_2$ -adrenergic agonist

**ACTION:** Decreased inflammation in inhibiting mast cells, macrophages and leukotrienes; antiinflammatory and vasoconstrictor properties relax bronchial smooth muscles

**USES:** Maintenance of asthma (long term), COPD

**CONTRAINDICATIONS:** Hypersensitivity, acute asthma/COPD episodes, severe hypersensitivity to milk proteins

**Precautions:** Pregnancy, breastfeeding, active infections, diabetes mellitus, glaucoma, immunosuppression, hyperthyroidism, Cushing syndrome, hypertension, QT prolongation, pheochromocytoma, seizures, MAOIs, other long-acting  $B_2$  agonists, inhaled corticosteroid

**Black Box Warning:** Asthma-related deaths