

PRESCRIBING INFORMATION

FLOVENT[®] 44 mcg
(fluticasone propionate, 44 mcg)
Inhalation Aerosol

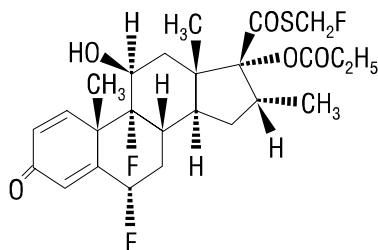
FLOVENT[®] 110 mcg
(fluticasone propionate, 110 mcg)
Inhalation Aerosol

FLOVENT[®] 220 mcg
(fluticasone propionate, 220 mcg)
Inhalation Aerosol

For Oral Inhalation Only

DESCRIPTION

The active component of FLOVENT 44 mcg Inhalation Aerosol, FLOVENT 110 mcg Inhalation Aerosol, and FLOVENT 220 mcg Inhalation Aerosol is fluticasone propionate, a glucocorticoid having the chemical name S-(fluoromethyl)6 α ,9-difluoro-11 β ,17-dihydroxy-16 α -methyl-3-oxoandrosta-1,4-diene-17 β -carbothioate, 17-propionate and the following chemical structure:



Fluticasone propionate is a white to off-white powder with a molecular weight of 500.6. It is practically insoluble in water, freely soluble in dimethyl sulfoxide and dimethylformamide, and slightly soluble in methanol and 95% ethanol.

FLOVENT 44 mcg Inhalation Aerosol, FLOVENT 110 mcg Inhalation Aerosol, and FLOVENT 220 mcg Inhalation Aerosol are pressurized, metered-dose aerosol units intended for oral inhalation only. Each unit contains a microcrystalline suspension of fluticasone propionate (micronized) in a mixture of 2 chlorofluorocarbon propellants (trichlorofluoromethane and dichlorodifluoromethane) with soya lecithin. Each actuation of the inhaler delivers 50, 125, or 250 mcg of fluticasone propionate from the valve and 44, 110, or 220 mcg, respectively, of fluticasone propionate from the actuator.

34 **CLINICAL PHARMACOLOGY**

35 Fluticasone propionate is a synthetic, trifluorinated glucocorticoid with potent
36 anti-inflammatory activity. In vitro assays using human lung cytosol preparations have
37 established fluticasone propionate as a human glucocorticoid receptor agonist with an affinity 18
38 times greater than dexamethasone, almost twice that of beclomethasone-17-monopropionate
39 (BMP), the active metabolite of beclomethasone dipropionate, and over 3 times that of
40 budesonide. Data from the McKenzie vasoconstrictor assay in man are consistent with these
41 results.

42 The precise mechanisms of glucocorticoid action in asthma are unknown. Inflammation is
43 recognized as an important component in the pathogenesis of asthma. Glucocorticoids have been
44 shown to inhibit multiple cell types (e.g., mast cells, eosinophils, basophils, lymphocytes,
45 macrophages, and neutrophils) and mediator production or secretion (e.g., histamine,
46 eicosanoids, leukotrienes, and cytokines) involved in the asthmatic response. These
47 anti-inflammatory actions of glucocorticoids may contribute to their efficacy in asthma.

48 Though highly effective for the treatment of asthma, glucocorticoids do not affect asthma
49 symptoms immediately. However, improvement following inhaled administration of fluticasone
50 propionate can occur within 24 hours of beginning treatment, although maximum benefit may
51 not be achieved for 1 to 2 weeks or longer after starting treatment. When glucocorticoids are
52 discontinued, asthma stability may persist for several days or longer.

53 **Pharmacokinetics: Absorption:** The activity of FLOVENT Inhalation Aerosol is due to the
54 parent drug, fluticasone propionate. Studies using oral dosing of labeled and unlabeled drug have
55 demonstrated that the oral systemic bioavailability of fluticasone propionate is negligible (<1%),
56 primarily due to incomplete absorption and presystemic metabolism in the gut and liver. In
57 contrast, the majority of the fluticasone propionate delivered to the lung is systemically
58 absorbed. The systemic bioavailability of fluticasone propionate inhalation aerosol in healthy
59 volunteers averaged about 30% of the dose delivered from the actuator.

60 Peak plasma concentrations after an 880-mcg inhaled dose ranged from 0.1 to 1.0 ng/mL.

61 **Distribution:** Following intravenous administration, the initial disposition phase for
62 fluticasone propionate was rapid and consistent with its high lipid solubility and tissue binding.
63 The volume of distribution averaged 4.2 L/kg. The percentage of fluticasone propionate bound to
64 human plasma proteins averaged 91%. Fluticasone propionate is weakly and reversibly bound to
65 erythrocytes. Fluticasone propionate is not significantly bound to human transcortin.

66 **Metabolism:** The total clearance of fluticasone propionate is high (average, 1,093 mL/min),
67 with renal clearance accounting for less than 0.02% of the total. The only circulating metabolite
68 detected in man is the 17 β -carboxylic acid derivative of fluticasone propionate, which is formed
69 through the cytochrome P450 3A4 pathway. This metabolite had approximately 2,000 times less
70 affinity than the parent drug for the glucocorticoid receptor of human lung cytosol in vitro and
71 negligible pharmacological activity in animal studies. Other metabolites detected in vitro using
72 cultured human hepatoma cells have not been detected in man.

73 **Excretion:** Following intravenous dosing, fluticasone propionate showed polyexponential
74 kinetics and had a terminal elimination half-life of approximately 7.8 hours. Less than 5% of a
75 radiolabeled oral dose was excreted in the urine as metabolites, with the remainder excreted in
76 the feces as parent drug and metabolites.

77 **Special Populations:** Formal pharmacokinetic studies using fluticasone propionate were
78 not carried out in any special populations. In a clinical study using fluticasone propionate
79 inhalation powder, trough fluticasone propionate plasma concentrations were collected in 76
80 males and 74 females after inhaled administration of 100 and 500 mcg twice daily. Full
81 pharmacokinetic profiles were obtained from 7 female patients and 13 male patients at these
82 doses, and no overall differences in pharmacokinetic behavior were found.

83 **Drug Interactions:** Fluticasone propionate is a substrate of cytochrome P450 3A4.
84 Coadministration of fluticasone propionate and the highly potent cytochrome P450 3A4 inhibitor
85 ritonavir is not recommended based upon a multiple-dose, crossover drug interaction study in 18
86 healthy subjects. Fluticasone propionate aqueous nasal spray (200 mcg once daily) was
87 coadministered for 7 days with ritonavir (100 mg twice daily). Plasma fluticasone propionate
88 concentrations following fluticasone propionate aqueous nasal spray alone were undetectable
89 (<10 pg/mL) in most subjects, and when concentrations were detectable peak levels (C_{max}
90 averaged 11.9 pg/mL [range, 10.8 to 14.1 pg/mL] and $AUC_{(0-\tau)}$ averaged 8.43 pg•hr/mL [range,
91 4.2 to 18.8 pg•hr/mL]). Fluticasone propionate C_{max} and $AUC_{(0-\tau)}$ increased to 318 pg/mL (range,
92 110 to 648 pg/mL) and 3,102.6 pg•hr/mL (range, 1,207.1 to 5,662.0 pg•hr/mL), respectively,
93 after coadministration of ritonavir with fluticasone propionate aqueous nasal spray. This
94 significant increase in plasma fluticasone propionate exposure resulted in a significant decrease
95 (86%) in plasma cortisol area under the plasma concentration versus time curve (AUC).

96 Caution should be exercised when other potent cytochrome P450 3A4 inhibitors are
97 coadministered with fluticasone propionate. In a drug interaction study, coadministration of
98 orally inhaled fluticasone propionate (1,000 mcg) and ketoconazole (200 mg once daily) resulted
99 in increased plasma fluticasone propionate exposure and reduced plasma cortisol AUC, but had
100 no effect on urinary excretion of cortisol.

101 In another multiple-dose drug interaction study, coadministration of orally inhaled fluticasone
102 propionate (500 mcg twice daily) and erythromycin (333 mg 3 times daily) did not affect
103 fluticasone propionate pharmacokinetics.

104 **Pharmacodynamics:** To confirm that systemic absorption does not play a role in the clinical
105 response to inhaled fluticasone propionate, a double-blind clinical study comparing inhaled and
106 oral fluticasone propionate was conducted. Doses of 100 and 500 mcg twice daily of fluticasone
107 propionate inhalation powder were compared to oral fluticasone propionate, 20,000 mcg given
108 once daily, and placebo for 6 weeks. Plasma levels of fluticasone propionate were detectable in
109 all 3 active groups, but the mean values were highest in the oral group. Both doses of inhaled
110 fluticasone propionate were effective in maintaining asthma stability and improving lung
111 function while oral fluticasone propionate and placebo were ineffective. This demonstrates that

112 the clinical effectiveness of inhaled fluticasone propionate is due to its direct local effect and not
113 to an indirect effect through systemic absorption.

114 The potential systemic effects of inhaled fluticasone propionate on the
115 hypothalamic-pituitary-adrenal (HPA) axis were also studied in patients with asthma.
116 Fluticasone propionate given by inhalation aerosol at doses of 220, 440, 660, or 880 mcg twice
117 daily was compared with placebo or oral prednisone 10 mg given once daily for 4 weeks. For
118 most patients, the ability to increase cortisol production in response to stress, as assessed by
119 6-hour cosyntropin stimulation, remained intact with inhaled fluticasone propionate treatment.
120 No patient had an abnormal response (peak less than 18 mcg/dL) after dosing with placebo or
121 220 mcg twice daily. Ten percent (10%) to 16% of patients treated with fluticasone propionate at
122 doses of 440 mcg or more twice daily had an abnormal response as compared to 29% of patients
123 treated with prednisone.

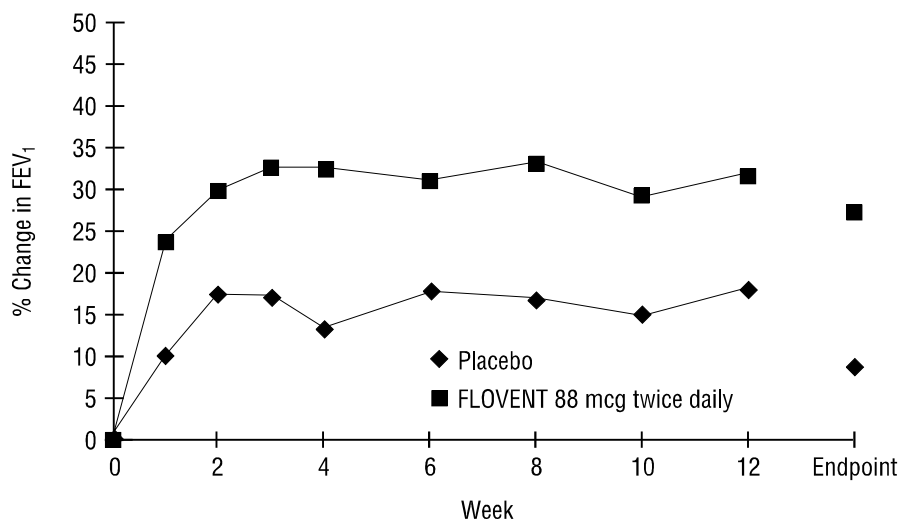
124 **CLINICAL TRIALS**

125 Double-blind, parallel-group, placebo-controlled, US clinical trials were conducted in 1,818
126 adolescent and adult patients with asthma to assess the efficacy and/or safety of FLOVENT
127 Inhalation Aerosol in the treatment of asthma. Fixed doses ranging from 22 to 880 mcg twice
128 daily were compared to placebo to provide information about appropriate dosing to cover a range
129 of asthma severity. Patients with asthma included in these studies were those not adequately
130 controlled with beta-agonists alone, those already maintained on daily inhaled corticosteroids,
131 and those requiring oral corticosteroid therapy. In all efficacy trials, at all doses, measures of
132 pulmonary function (forced expiratory volume in 1 second [FEV₁] and morning peak expiratory
133 flow [AM PEF]) were statistically significantly improved as compared with placebo.

134 In 2 clinical trials of 660 patients with asthma inadequately controlled on bronchodilators
135 alone, FLOVENT Inhalation Aerosol was evaluated at doses of 44 and 88 mcg twice daily. Both
136 doses of FLOVENT Inhalation Aerosol improved asthma control significantly as compared with
137 placebo.

138 Figure 1 displays results of pulmonary function tests for the recommended starting dosage of
139 FLOVENT Inhalation Aerosol (88 mcg twice daily) and placebo from a 12-week trial in patients
140 with asthma inadequately controlled on bronchodilators alone. Because this trial used
141 predetermined criteria for lack of efficacy, which caused more patients in the placebo group to be
142 withdrawn, pulmonary function results at Endpoint, which is the last evaluable FEV₁ result and
143 includes most patients' lung function data, are also provided. Pulmonary function improved
144 significantly with FLOVENT Inhalation Aerosol compared with placebo by the second week of
145 treatment, and this improvement was maintained over the duration of the trial.
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147 **Figure 1. A 12-Week Clinical Trial in Patients Inadequately**
 148 **Controlled on Bronchodilators Alone: Mean Percent Change**
 149 **From Baseline in FEV₁ Prior to AM Dose**
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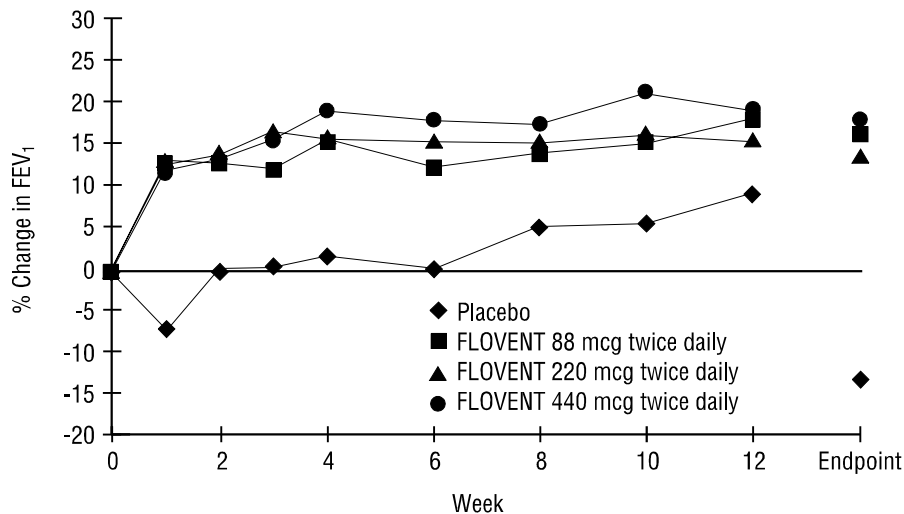


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153 In clinical trials of 924 patients with asthma already receiving daily inhaled corticosteroid
 154 therapy (doses of at least 336 mcg/day of beclomethasone dipropionate) in addition to as-needed
 155 albuterol and theophylline (46% of all patients), 22- to 440-mcg twice-daily doses of FLOVENT
 156 Inhalation Aerosol were also evaluated. All doses of FLOVENT Inhalation Aerosol were
 157 efficacious when compared to placebo on major endpoints including lung function and symptom
 158 scores. Patients treated with FLOVENT Inhalation Aerosol were also less likely to discontinue
 159 study participation due to asthma deterioration (as defined by predetermined criteria for lack of
 160 efficacy including lung function and patient-recorded variables such as AM PEF, albuterol use,
 161 and nighttime awakenings due to asthma).

162 Figure 2 displays results of pulmonary function from a 12-week clinical trial in patients with
 163 asthma already receiving daily inhaled corticosteroid therapy (beclomethasone dipropionate 336
 164 to 672 mcg/day). The mean percent change from baseline in lung function results for FLOVENT
 165 Inhalation Aerosol dosages of 88, 220, and 440 mcg twice daily and placebo are shown over the
 166 12-week trial. Because this trial also used predetermined criteria for lack of efficacy, which
 167 caused more patients in the placebo group to be withdrawn, pulmonary function results at
 168 Endpoint are included. Pulmonary function improved significantly with FLOVENT Inhalation
 169 Aerosol compared with placebo by the first week of treatment, and the improvement was
 170 maintained over the duration of the trial. Analysis of the endpoint results that adjusted for
 171 differential withdrawal rates indicated that pulmonary function significantly improved with
 172 FLOVENT Inhalation Aerosol compared with placebo treatment. Similar improvements in lung
 173 function were seen in the other 2 trials in patients treated with inhaled corticosteroids at baseline.
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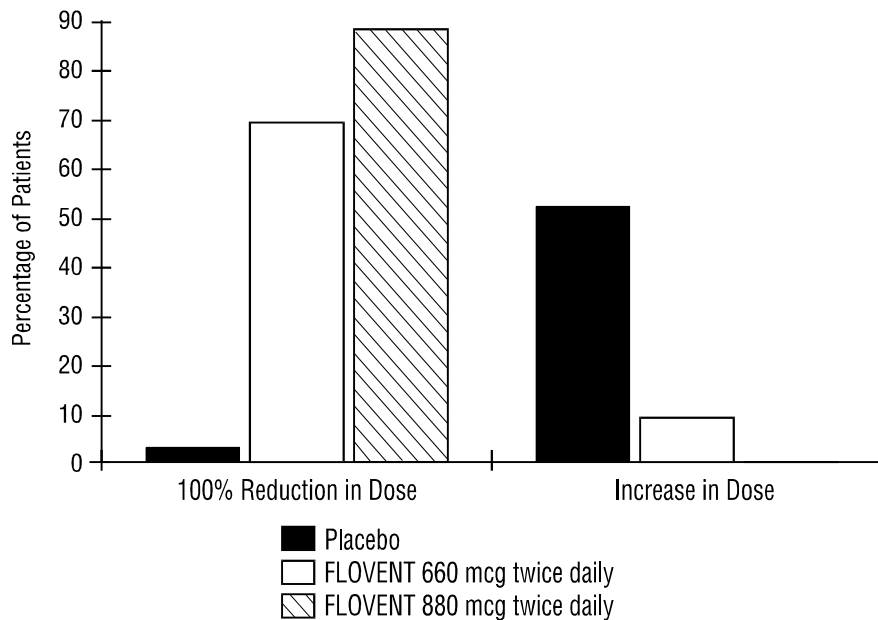
175 **Figure 2. A 12-Week Clinical Trial With Patients Already**
 176 **Receiving Inhaled Corticosteroids: Mean Percent Change**
 177 **From Baseline in FEV₁ Prior to AM Dose**
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In a clinical trial of 96 patients with severe asthma requiring chronic oral prednisone therapy (average baseline daily prednisone dose was 10 mg), twice-daily doses of 660 and 880 mcg of FLOVENT Inhalation Aerosol were evaluated. Both doses enabled a statistically significantly larger percentage of patients to wean successfully from oral prednisone as compared with placebo (69% of the patients on 660 mcg twice daily and 88% of the patients on 880 mcg twice daily as compared with 3% of patients on placebo). Accompanying the reduction in oral corticosteroid use, patients treated with FLOVENT Inhalation Aerosol had significantly improved lung function and fewer asthma symptoms as compared with the placebo group.

190 **Figure 3. A 16-Week Clinical Trial in Patients Requiring**
 191 **Chronic Oral Prednisone Therapy: Change in Maintenance**
 192 **Prednisone Dose**
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196 **INDICATIONS AND USAGE**

197 FLOVENT Inhalation Aerosol is indicated for the maintenance treatment of asthma as
 198 prophylactic therapy. It is also indicated for patients requiring oral corticosteroid therapy for
 199 asthma. Many of these patients may be able to reduce or eliminate their requirement for oral
 200 corticosteroids over time.

201 FLOVENT Inhalation Aerosol is NOT indicated for the relief of acute bronchospasm.

202 **CONTRAINDICATIONS**

203 FLOVENT Inhalation Aerosol is contraindicated in the primary treatment of status
 204 asthmaticus or other acute episodes of asthma where intensive measures are required.

205 Hypersensitivity to any of the ingredients of these preparations contraindicates their use (see
 206 DESCRIPTION).

207 **WARNINGS**

208 Particular care is needed for patients who are transferred from systemically active
 209 corticosteroids to FLOVENT Inhalation Aerosol because deaths due to adrenal insufficiency
 210 have occurred in patients with asthma during and after transfer from systemic corticosteroids to
 211 less systemically available inhaled corticosteroids. After withdrawal from systemic
 212 corticosteroids, a number of months are required for recovery of HPA function.

213 Patients who have been previously maintained on 20 mg or more per day of prednisone (or its
214 equivalent) may be most susceptible, particularly when their systemic corticosteroids have been
215 almost completely withdrawn. During this period of HPA suppression, patients may exhibit signs
216 and symptoms of adrenal insufficiency when exposed to trauma, surgery, or infection
217 (particularly gastroenteritis) or other conditions associated with severe electrolyte loss. Although
218 FLOVENT Inhalation Aerosol may provide control of asthma symptoms during these episodes,
219 in recommended doses it supplies less than normal physiological amounts of glucocorticoid
220 systemically and does NOT provide the mineralocorticoid activity that is necessary for coping
221 with these emergencies.

222 During periods of stress or a severe asthma attack, patients who have been withdrawn from
223 systemic corticosteroids should be instructed to resume oral corticosteroids (in large doses)
224 immediately and to contact their physicians for further instruction. These patients should also be
225 instructed to carry a warning card indicating that they may need supplementary systemic
226 corticosteroids during periods of stress or a severe asthma attack.

227 A drug interaction study in healthy subjects has shown that ritonavir (a highly potent
228 cytochrome P450 3A4 inhibitor) can significantly increase plasma fluticasone propionate
229 exposure, resulting in significantly reduced serum cortisol concentrations (see CLINICAL
230 PHARMACOLOGY: Drug Interactions and PRECAUTIONS: Drug Interactions). During
231 postmarketing use, there have been reports of clinically significant drug interactions in patients
232 receiving fluticasone propionate and ritonavir, resulting in systemic corticosteroid effects
233 including Cushing syndrome and adrenal suppression. Therefore, coadministration of fluticasone
234 propionate and ritonavir is not recommended unless the potential benefit to the patient
235 outweighs the risk of systemic corticosteroid side effects.

236 Patients requiring oral corticosteroids should be weaned slowly from systemic corticosteroid
237 use after transferring to FLOVENT Inhalation Aerosol. In a trial of 96 patients, prednisone
238 reduction was successfully accomplished by reducing the daily prednisone dose by 2.5 mg on a
239 weekly basis during transfer to inhaled fluticasone propionate. Successive reduction of
240 prednisone dose was allowed only when lung function, symptoms, and as-needed beta-agonist
241 use were better than or comparable to that seen before initiation of prednisone dose reduction.
242 Lung function (FEV₁ or AM PEF), beta-agonist use, and asthma symptoms should be carefully
243 monitored during withdrawal of oral corticosteroids. In addition to monitoring asthma signs and
244 symptoms, patients should be observed for signs and symptoms of adrenal insufficiency such as
245 fatigue, lassitude, weakness, nausea and vomiting, and hypotension.

246 Transfer of patients from systemic corticosteroid therapy to FLOVENT Inhalation Aerosol
247 may unmask conditions previously suppressed by the systemic corticosteroid therapy, e.g.,
248 rhinitis, conjunctivitis, eczema, and arthritis.

249 Persons who are on drugs that suppress the immune system are more susceptible to infections
250 than healthy individuals. Chickenpox and measles, for example, can have a more serious or even
251 fatal course in susceptible children or adults on corticosteroids. In such children or adults who
252 have not had these diseases, particular care should be taken to avoid exposure. How the dose,

253 route, and duration of corticosteroid administration affect the risk of developing a disseminated
254 infection is not known. The contribution of the underlying disease and/or prior corticosteroid
255 treatment to the risk is also not known. If exposed to chickenpox, prophylaxis with varicella
256 zoster immune globulin (VZIG) may be indicated. If exposed to measles, prophylaxis with
257 pooled intramuscular immunoglobulin (IG) may be indicated. (See the respective package inserts
258 for complete VZIG and IG prescribing information.) If chickenpox develops, treatment with
259 antiviral agents may be considered.

260 FLOVENT Inhalation Aerosol is not to be regarded as a bronchodilator and is not indicated
261 for rapid relief of bronchospasm.

262 As with other inhaled asthma medications, bronchospasm may occur with an immediate
263 increase in wheezing after dosing. If bronchospasm occurs following dosing with FLOVENT
264 Inhalation Aerosol, it should be treated immediately with a fast-acting inhaled bronchodilator.
265 Treatment with FLOVENT Inhalation Aerosol should be discontinued and alternative therapy
266 instituted.

267 Patients should be instructed to contact their physicians immediately when episodes of asthma
268 that are not responsive to bronchodilators occur during the course of treatment with FLOVENT
269 Inhalation Aerosol. During such episodes, patients may require therapy with oral corticosteroids.

270 **PRECAUTIONS**

271 **General:** During withdrawal from oral corticosteroids, some patients may experience symptoms
272 of systemically active corticosteroid withdrawal, e.g., joint and/or muscular pain, lassitude, and
273 depression, despite maintenance or even improvement of respiratory function.

274 Fluticasone propionate will often permit control of asthma symptoms with less suppression of
275 HPA function than therapeutically equivalent oral doses of prednisone. Since fluticasone
276 propionate is absorbed into the circulation and can be systemically active at higher doses, the
277 beneficial effects of FLOVENT Inhalation Aerosol in minimizing HPA dysfunction may be
278 expected only when recommended dosages are not exceeded and individual patients are titrated
279 to the lowest effective dose. A relationship between plasma levels of fluticasone propionate and
280 inhibitory effects on stimulated cortisol production has been shown after 4 weeks of treatment
281 with FLOVENT Inhalation Aerosol. Since individual sensitivity to effects on cortisol production
282 exists, physicians should consider this information when prescribing FLOVENT Inhalation
283 Aerosol.

284 Because of the possibility of systemic absorption of inhaled corticosteroids, patients treated
285 with these drugs should be observed carefully for any evidence of systemic corticosteroid effects.
286 Particular care should be taken in observing patients postoperatively or during periods of stress
287 for evidence of inadequate adrenal response.

288 It is possible that systemic corticosteroid effects such as hypercorticism and adrenal
289 suppression (including adrenal crisis) may appear in a small number of patients, particularly
290 when FLOVENT Inhalation Aerosol is administered at higher than recommended doses over
291 prolonged periods of time. If such effects occur, fluticasone propionate inhalation aerosol should

292 be reduced slowly, consistent with accepted procedures for reducing systemic corticosteroids and
293 for management of asthma symptoms.

294 A reduction of growth velocity in children or teenagers may occur as a result of inadequate
295 control of chronic diseases such as asthma or from use of corticosteroids for treatment.
296 Physicians should closely follow the growth of adolescents taking corticosteroids by any route
297 and weigh the benefits of corticosteroid therapy and asthma control against the possibility of
298 growth suppression if an adolescent's growth appears slowed.

299 The long-term effects of fluticasone propionate in human subjects are not fully known. In
300 particular, the effects resulting from chronic use of fluticasone propionate on developmental or
301 immunologic processes in the mouth, pharynx, trachea, and lung are unknown. Some patients
302 have received fluticasone propionate inhalation aerosol on a continuous basis for periods of
303 3 years or longer. In clinical studies with patients treated for nearly 2 years with inhaled
304 fluticasone propionate, no apparent differences in the type or severity of adverse reactions were
305 observed after long- versus short-term treatment.

306 Rare instances of glaucoma, increased intraocular pressure, and cataracts have been reported
307 following the inhaled administration of corticosteroids, including fluticasone propionate.

308 In clinical studies with inhaled fluticasone propionate, the development of localized infections
309 of the pharynx with *Candida albicans* has occurred. When such an infection develops, it should
310 be treated with appropriate local or systemic (i.e., oral antifungal) therapy while remaining on
311 treatment with FLOVENT Inhalation Aerosol, but at times therapy with FLOVENT Inhalation
312 Aerosol may need to be interrupted.

313 Inhaled corticosteroids should be used with caution, if at all, in patients with active or
314 quiescent tuberculosis infection of the respiratory tract; untreated systemic fungal, bacterial, viral
315 or parasitic infections; or ocular herpes simplex.

316 **Eosinophilic Conditions:** In rare cases, patients on inhaled fluticasone propionate may
317 present with systemic eosinophilic conditions, with some patients presenting with clinical
318 features of vasculitis consistent with Churg-Strauss syndrome, a condition that is often treated
319 with systemic corticosteroid therapy. These events usually, but not always, have been associated
320 with the reduction and/or withdrawal of oral corticosteroid therapy following the introduction of
321 fluticasone propionate. Cases of serious eosinophilic conditions have also been reported with
322 other inhaled corticosteroids in this clinical setting. Physicians should be alert to eosinophilia,
323 vasculitic rash, worsening pulmonary symptoms, cardiac complications, and/or neuropathy
324 presenting in their patients. A causal relationship between fluticasone propionate and these
325 underlying conditions has not been established (see ADVERSE REACTIONS).

326 **Information for Patients:** Patients being treated with FLOVENT Inhalation Aerosol should
327 receive the following information and instructions. This information is intended to aid them in
328 the safe and effective use of this medication. It is not a disclosure of all possible adverse or
329 intended effects.

330 Patients should use FLOVENT Inhalation Aerosol at regular intervals as directed. Results of
331 clinical trials indicated significant improvement may occur within the first day or two of

332 treatment; however, the full benefit may not be achieved until treatment has been administered
333 for 1 to 2 weeks or longer. The patient should not increase the prescribed dosage but should
334 contact the physician if symptoms do not improve or if the condition worsens.

335 After inhalation, rinse the mouth with water without swallowing.

336 Patients should be warned to avoid exposure to chickenpox or measles and, if they are
337 exposed, to consult the physician without delay.

338 For the proper use of FLOVENT Inhalation Aerosol and to attain maximum improvement, the
339 patient should read and follow carefully the Patient's Instructions for Use accompanying the
340 product.

341 **Drug Interactions:** Fluticasone propionate is a substrate of cytochrome P450 3A4. A drug
342 interaction study with fluticasone propionate aqueous nasal spray in healthy subjects has shown
343 that ritonavir (a highly potent cytochrome P450 3A4 inhibitor) can significantly increase plasma
344 fluticasone propionate exposure, resulting in significantly reduced serum cortisol concentrations
345 (see CLINICAL PHARMACOLOGY: Drug Interactions). During postmarketing use, there have
346 been reports of clinically significant drug interactions in patients receiving fluticasone propionate
347 and ritonavir, resulting in systemic corticosteroid effects including Cushing syndrome and
348 adrenal suppression. Therefore, coadministration of fluticasone propionate and ritonavir is not
349 recommended unless the potential benefit to the patient outweighs the risk of systemic
350 corticosteroid side effects.

351 In a placebo-controlled, crossover study in 8 healthy volunteers, coadministration of a single
352 dose of orally inhaled fluticasone propionate (1,000 mcg) with multiple doses of ketoconazole
353 (200 mg) to steady state resulted in increased mean plasma fluticasone propionate exposure, a
354 reduction in plasma cortisol AUC, and no effect on urinary excretion of cortisol. Caution should
355 be exercised when FLOVENT Inhalation Aerosol is coadministered with ketoconazole and other
356 known potent cytochrome P450 3A4 inhibitors.

357 **Carcinogenesis, Mutagenesis, Impairment of Fertility:** Fluticasone propionate
358 demonstrated no tumorigenic potential in studies of oral doses up to 1,000 mcg/kg
359 (approximately 2 times the maximum human daily inhalation dose based on mcg/m²) for
360 78 weeks in the mouse or inhalation of up to 57 mcg/kg (approximately 1/4 the maximum human
361 daily inhalation dose based on mcg/m²) for 104 weeks in the rat.

362 Fluticasone propionate did not induce gene mutation in prokaryotic or eukaryotic cells in
363 vitro. No significant clastogenic effect was seen in cultured human peripheral lymphocytes in
364 vitro or in the mouse micronucleus test when administered at high doses by the oral or
365 subcutaneous routes. Furthermore, the compound did not delay erythroblast division in bone
366 marrow.

367 No evidence of impairment of fertility was observed in reproductive studies conducted in rats
368 dosed subcutaneously with doses up to 50 mcg/kg (approximately 1/4 the maximum human daily
369 inhalation dose based on mcg/m²) in males and females. However, prostate weight was
370 significantly reduced in rats.

371 **Pregnancy: Teratogenic Effects:** Pregnancy Category C. Subcutaneous studies in the
372 mouse and rat at 45 and 100 mcg/kg, respectively (approximately 1/10 and 1/2 the maximum
373 human daily inhalation dose based on mcg/m², respectively), revealed fetal toxicity characteristic
374 of potent glucocorticoid compounds, including embryonic growth retardation, omphalocele, cleft
375 palate, and retarded cranial ossification.

376 In the rabbit, fetal weight reduction and cleft palate were observed following subcutaneous
377 doses of 4 mcg/kg (approximately 1/25 the maximum human daily inhalation dose based on
378 mcg/m²). However, following oral administration of up to 300 mcg/kg (approximately 3 times
379 the maximum human daily inhalation dose based on mcg/m²) of fluticasone propionate to the
380 rabbit, there were no maternal effects nor increased incidence of external, visceral, or skeletal
381 fetal defects. No fluticasone propionate was detected in the plasma in this study, consistent with
382 the established low bioavailability following oral administration (see CLINICAL
383 PHARMACOLOGY).

384 Less than 0.008% of the administered dose crossed the placenta following oral administration
385 of 100 mcg/kg to rats or 300 mcg/kg to rabbits (approximately 1/2 and 3 times the maximum
386 human daily inhalation dose based on mcg/m², respectively).

387 There are no adequate and well-controlled studies in pregnant women. FLOVENT Inhalation
388 Aerosol should be used during pregnancy only if the potential benefit justifies the potential risk
389 to the fetus.

390 Experience with oral glucocorticoids since their introduction in pharmacologic, as opposed to
391 physiologic, doses suggests that rodents are more prone to teratogenic effects from
392 glucocorticoids than humans. In addition, because there is a natural increase in glucocorticoid
393 production during pregnancy, most women will require a lower exogenous glucocorticoid dose
394 and many will not need glucocorticoid treatment during pregnancy.

395 **Nursing Mothers:** It is not known whether fluticasone propionate is excreted in human breast
396 milk. Subcutaneous administration of 10 mcg/kg tritiated drug to lactating rats (approximately
397 1/20 the maximum human daily inhalation dose based on mcg/m²) resulted in measurable
398 radioactivity in both plasma and milk. Because glucocorticoids are excreted in human milk,
399 caution should be exercised when fluticasone propionate inhalation aerosol is administered to a
400 nursing woman.

401 **Pediatric Use:** One hundred thirty-seven (137) patients between the ages of 12 and 16 years
402 were treated with FLOVENT Inhalation Aerosol in the US pivotal clinical trials. The safety and
403 effectiveness of FLOVENT Inhalation Aerosol in children below 12 years of age have not been
404 established. Oral corticosteroids have been shown to cause a reduction in growth velocity in
405 children and teenagers with extended use. If a child or teenager on any corticosteroid appears to
406 have growth suppression, the possibility that they are particularly sensitive to this effect of
407 corticosteroids should be considered (see PRECAUTIONS).

408 **Geriatric Use:** Five hundred seventy-four (574) patients 65 years of age or older have been
409 treated with FLOVENT Inhalation Aerosol in US and non-US clinical trials. There were no
410 differences in adverse reactions compared to those reported by younger patients.

411 **ADVERSE REACTIONS**

412 The incidence of common adverse events in Table 1 is based upon 7 placebo-controlled US
 413 clinical trials in which 1,243 patients (509 female and 734 male adolescents and adults
 414 previously treated with as-needed bronchodilators and/or inhaled corticosteroids) were treated
 415 with FLOVENT Inhalation Aerosol (doses of 88 to 440 mcg twice daily for up to 12 weeks) or
 416 placebo.

417
 418 **Table 1. Overall Adverse Events With >3% Incidence in US Controlled Clinical Trials**
 419 **With FLOVENT Inhalation Aerosol in Patients Previously Receiving Bronchodilators and/or**
 420 **Inhaled Corticosteroids**

Adverse Event	Placebo (N = 475) %	FLOVENT 88 mcg Twice Daily (N = 488) %	FLOVENT 220 mcg Twice Daily (N = 95) %	FLOVENT 440 mcg Twice Daily (N = 185) %
Ear, nose, and throat				
Pharyngitis	7	10	14	14
Nasal congestion	8	8	16	10
Sinusitis	4	3	6	5
Nasal discharge	3	5	4	4
Dysphonia	1	4	3	8
Allergic rhinitis	4	5	3	3
Oral candidiasis	1	2	3	5
Respiratory				
Upper respiratory infection	12	15	22	16
Influenza	2	3	8	5
Neurological				
Headache	14	17	22	17
Average duration of exposure (days)	44	66	64	59

421
 422 Table 1 includes all events (whether considered drug-related or nondrug-related by the
 423 investigator) that occurred at a rate of over 3% in groups treated with FLOVENT Inhalation
 424 Aerosol and were more common than in the placebo group. In considering these data, differences
 425 in average duration of exposure should be taken into account.

426 These adverse reactions were mostly mild to moderate in severity, with ≤2% of patients
 427 discontinuing the studies because of adverse events. Rare cases of immediate and delayed
 428 hypersensitivity reactions, including urticaria and rash and other rare events of angioedema and
 429 bronchospasm, have been reported.

430 Systemic glucocorticoid side effects were not reported during controlled clinical trials with
431 FLOVENT Inhalation Aerosol. If recommended doses are exceeded, however, or if individuals
432 are particularly sensitive, symptoms of hypercorticism, e.g., Cushing syndrome, could occur.

433 Other adverse events that occurred in these clinical trials using FLOVENT Inhalation Aerosol
434 with an incidence of 1% to 3% and that occurred at a greater incidence than with placebo were:

435 **Ear, Nose, and Throat:** Pain in nasal sinus(es), rhinitis.

436 **Eye:** Irritation of the eye(s).

437 **Gastrointestinal:** Nausea and vomiting, diarrhea, dyspepsia and stomach disorder.

438 **Miscellaneous:** Fever.

439 **Mouth and Teeth:** Dental problem.

440 **Musculoskeletal:** Pain in joint, sprain/strain, aches and pains, pain in limb.

441 **Neurological:** Dizziness/giddiness.

442 **Respiratory:** Bronchitis, chest congestion.

443 **Skin:** Dermatitis, rash/skin eruption.

444 **Urogenital:** Dysmenorrhea.

445 In a 16-week study in patients with asthma requiring oral corticosteroids, the effects of
446 FLOVENT Inhalation Aerosol, 660 mcg twice daily (N = 32) and 880 mcg twice daily (N = 32),
447 were compared with placebo. Adverse events (whether considered drug-related or
448 nondrug-related by the investigator) reported by more than 3 patients in either group treated with
449 FLOVENT Inhalation Aerosol and that were more common with FLOVENT than placebo are
450 shown below:

451 **Ear, Nose, and Throat:** Pharyngitis (9% and 25%), nasal congestion (19% and 22%),
452 sinusitis (19% and 22%), nasal discharge (16% and 16%), dysphonia (19% and 9%), pain in
453 nasal sinus(es) (13% and 0%), Candida-like oral lesions (16% and 9%), oropharyngeal
454 candidiasis (25% and 19%).

455 **Respiratory:** Upper respiratory infection (31% and 19%), influenza (0% and 13%).

456 **Other:** Headache (28% and 34%), pain in joint (19% and 13%), nausea and vomiting (22%
457 and 16%), muscular soreness (22% and 13%), malaise/fatigue (22% and 28%), insomnia (3%
458 and 13%).

459 **Observed During Clinical Practice:** In addition to adverse events reported from clinical
460 trials, the following events have been identified during postapproval use of fluticasone
461 propionate. Because they are reported voluntarily from a population of unknown size, estimates
462 of frequency cannot be made. These events have been chosen for inclusion due to either their
463 seriousness, frequency of reporting, or causal connection to fluticasone propionate or a
464 combination of these factors.

465 **Ear, Nose, and Throat:** Aphonia, facial and oropharyngeal edema, hoarseness, laryngitis,
466 and throat soreness and irritation.

467 **Endocrine and Metabolic:** Cushingoid features, growth velocity reduction in
468 children/adolescents, hyperglycemia, osteoporosis, and weight gain.

469 **Eye:** Cataracts.

470 **Non-Site Specific:** Very rare anaphylactic reaction.
471 **Psychiatry:** Agitation, aggression, depression, and restlessness.
472 **Respiratory:** Asthma exacerbation, bronchospasm, chest tightness, cough, dyspnea,
473 immediate bronchospasm, paradoxical bronchospasm, pneumonia, and wheeze.
474 **Skin:** Contusions, cutaneous hypersensitivity reactions, ecchymoses, and pruritus.
475 **Eosinophilic Conditions:** In rare cases, patients on inhaled fluticasone propionate may
476 present with systemic eosinophilic conditions, with some patients presenting with clinical
477 features of vasculitis consistent with Churg-Strauss syndrome, a condition that is often treated
478 with systemic corticosteroid therapy. These events usually, but not always, have been associated
479 with the reduction and/or withdrawal of oral corticosteroid therapy following the introduction of
480 fluticasone propionate. Cases of serious eosinophilic conditions have also been reported with
481 other inhaled corticosteroids in this clinical setting. Physicians should be alert to eosinophilia,
482 vasculitic rash, worsening pulmonary symptoms, cardiac complications, and/or neuropathy
483 presenting in their patients. A causal relationship between fluticasone propionate and these
484 underlying conditions has not been established (see PRECAUTIONS: Eosinophilic Conditions).

485 **OVERDOSAGE**

486 Chronic overdosage may result in signs/symptoms of hypercorticism (see PRECAUTIONS).
487 Inhalation by healthy volunteers of a single dose of 1,760 or 3,520 mcg of fluticasone propionate
488 inhalation aerosol was well tolerated. Fluticasone propionate given by inhalation aerosol at doses
489 of 1,320 mcg twice daily for 7 to 15 days to healthy human volunteers was also well tolerated.
490 Repeat oral doses up to 80 mg daily for 10 days in healthy volunteers and repeat oral doses up to
491 20 mg daily for 42 days in patients were well tolerated. Adverse reactions were of mild or
492 moderate severity, and incidences were similar in active and placebo treatment groups. The oral
493 and subcutaneous median lethal doses in rats and mice were >1,000 mg/kg (>2,000 times the
494 maximum human daily inhalation dose based on mg/m²).

495 **DOSAGE AND ADMINISTRATION**

496 FLOVENT Inhalation Aerosol should be administered by the orally inhaled route in patients
497 12 years of age and older. Individual patients will experience a variable time to onset and degree
498 of symptom relief. Generally, FLOVENT Inhalation Aerosol has a relatively rapid onset of
499 action for an inhaled glucocorticoid. Improvement in asthma control following inhaled
500 administration of fluticasone propionate can occur within 24 hours of beginning treatment,
501 although maximum benefit may not be achieved for 1 to 2 weeks or longer after starting
502 treatment.

503 After asthma stability has been achieved (see Table 2), it is always desirable to titrate to the
504 lowest effective dosage to reduce the possibility of side effects. For patients who do not respond
505 adequately to the starting dosage after 2 weeks of therapy, higher dosages may provide
506 additional asthma control. The safety and efficacy of FLOVENT Inhalation Aerosol when
507 administered in excess of recommended dosages have not been established.

508 The recommended starting dosage and the highest recommended dosage of FLOVENT
509 Inhalation Aerosol, based on prior antiasthma therapy, are listed in Table 2.

510

511 **Table 2. Recommended Dosages of FLOVENT Inhalation Aerosol**

Previous Therapy	Recommended Starting Dosage	Highest Recommended Dosage
Bronchodilators alone	88 mcg twice daily	440 mcg twice daily
Inhaled corticosteroids	88-220 mcg twice daily*	440 mcg twice daily
Oral corticosteroids [†]	880 mcg twice daily	880 mcg twice daily

512 * Starting dosages above 88 mcg twice daily may be considered for patients with poorer asthma
513 control or those who have previously required doses of inhaled corticosteroids that are in the
514 higher range for that specific agent.

515 **NOTE:** In all patients, it is desirable to titrate to the lowest effective dosage once asthma
516 stability is achieved.

517 [†] **For Patients Currently Receiving Chronic Oral Corticosteroid Therapy:** Prednisone
518 should be reduced no faster than 2.5 mg/day on a weekly basis, beginning after at least
519 1 week of therapy with FLOVENT Inhalation Aerosol. Patients should be carefully monitored
520 for signs of asthma instability, including serial objective measures of airflow, and for signs of
521 adrenal insufficiency (see WARNINGS). Once prednisone reduction is complete, the dosage
522 of fluticasone propionate should be reduced to the lowest effective dosage.

523

524 **Geriatric Use:** In studies where geriatric patients (65 years of age or older, see
525 PRECAUTIONS) have been treated with FLOVENT Inhalation Aerosol, efficacy and safety did
526 not differ from that in younger patients. Consequently, no dosage adjustment is recommended.

527 **Directions for Use:** Illustrated Patient's Instructions for Use accompany each package of
528 FLOVENT Inhalation Aerosol.

529 **HOW SUPPLIED**

530 FLOVENT 44 mcg Inhalation Aerosol is supplied in 7.9-g canisters containing 60 metered
531 inhalations in institutional pack boxes of 1 (NDC 0173-0497-00) and in 13-g canisters containing
532 120 metered inhalations in boxes of 1 (NDC 0173-0491-00). Each canister is supplied with a
533 dark orange oral actuator with a peach strapcap and patient's instructions. Each actuation of the
534 inhaler delivers 44 mcg of fluticasone propionate from the actuator.

535 FLOVENT 110 mcg Inhalation Aerosol is supplied in 7.9-g canisters containing 60 metered
536 inhalations in institutional pack boxes of 1 (NDC 0173-0498-00) and in 13-g canisters containing
537 120 metered inhalations in boxes of 1 (NDC 0173-0494-00). Each canister is supplied with a
538 dark orange oral actuator with a peach strapcap and patient's instructions. Each actuation of the
539 inhaler delivers 110 mcg of fluticasone propionate from the actuator.

540 FLOVENT 220 mcg Inhalation Aerosol is supplied in 7.9-g canisters containing 60 metered
541 inhalations in institutional pack boxes of 1 (NDC 0173-0499-00) and in 13-g canisters containing
542 120 metered inhalations in boxes of 1 (NDC 0173-0495-00). Each canister is supplied with a

543 dark orange oral actuator with a peach strapcap and patient's instructions. Each actuation of the
544 inhaler delivers 220 mcg of fluticasone propionate from the actuator.

545 FLOVENT canisters are for use with FLOVENT Inhalation Aerosol actuators only. The
546 actuators should not be used with other aerosol medications.

547 The correct amount of medication in each inhalation cannot be assured after 60 inhalations
548 from the 7.9-g canister or 120 inhalations from the 13-g canister even though the canister is not
549 completely empty. The canister should be discarded when the labeled number of actuations has
550 been used.

551 Store between 2° and 30°C (36° and 86°F). Store canister with mouthpiece down. Protect
552 from freezing temperatures and direct sunlight.

553 Avoid spraying in eyes. Contents under pressure. Do not puncture or incinerate. Do not store
554 at temperatures above 120°F. Keep out of reach of children. For best results, the canister should
555 be at room temperature before use. Shake well before using.

556
557 **Note:** The indented statement below is required by the Federal Government's Clean Air Act for
558 all products containing or manufactured with chlorofluorocarbons (CFCs).

559
560 **WARNING:** Contains trichlorofluoromethane and dichlorodifluoromethane, substances that
561 harm public health and environment by destroying ozone in the upper atmosphere.

562
563 A notice similar to the above WARNING has been placed in the patient information leaflet of
564 this product pursuant to EPA regulations.

565
566



567
568 GlaxoSmithKline
569 Research Triangle Park, NC 27709

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573 Month Year

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Patient's Instructions for Use



FLOVENT® 44 mcg
(fluticasone propionate, 44 mcg)
Inhalation Aerosol
FLOVENT® 110 mcg
(fluticasone propionate, 110 mcg)
Inhalation Aerosol
FLOVENT® 220 mcg
(fluticasone propionate, 220 mcg)
Inhalation Aerosol

Please read this leaflet carefully before you start to take your medicine. It provides a summary of information on your medicine. **For further information ask your doctor or pharmacist.**

WHAT YOU SHOULD KNOW ABOUT FLOVENT® INHALATION AEROSOL

Your doctor has prescribed FLOVENT 44 mcg Inhalation Aerosol, FLOVENT 110 mcg Inhalation Aerosol, or FLOVENT 220 mcg Inhalation Aerosol. It contains a medicine called fluticasone propionate, which is a synthetic glucocorticoid. Glucocorticoids are natural substances found in the body that help fight inflammation. They are used to treat asthma because they reduce the swelling and irritation in the walls of the small air passages in the lungs and ease breathing problems. When inhaled regularly, glucocorticoids also help to prevent attacks of asthma.

IMPORTANT POINTS TO REMEMBER ABOUT FLOVENT INHALATION AEROSOL

- 1 **MAKE SURE** that this medicine is suitable for you (see "BEFORE USING YOUR INHALER" below).
- 2 It is important that you inhale each dose as your doctor has advised. If you are not sure, ask your doctor or pharmacist.
- 3 Use your inhaler as directed by your doctor. **DO NOT STOP THE TREATMENT EVEN IF YOU FEEL BETTER** unless told to do so by your doctor.
- 4 **DO NOT** inhale more doses or use this inhaler more often than instructed by your doctor.

- 5 This medicine is **NOT** intended to provide rapid relief of your breathing difficulties during an asthma attack. It must be taken at regular intervals as recommended by your doctor, and not as an emergency measure.
- 6 Your doctor may prescribe additional medicine (such as bronchodilators) for emergency relief if an acute asthma attack occurs. Please contact your doctor if:
 - an asthma attack does not respond to the additional medicine
 - you require more of the additional medicine than usual.
- 7 If you also use another medicine by inhalation, you should consult your doctor for instructions on when to use it in relation to using FLOVENT Inhalation Aerosol.

BEFORE USING YOUR INHALER

TELL YOUR DOCTOR BEFORE STARTING TO TAKE THIS MEDICINE:

- ◆ if you are pregnant (or intending to become pregnant),
- ◆ if you are breastfeeding a baby,
- ◆ if you are allergic to FLOVENT Inhalation Aerosol, or any other orally inhaled glucocorticoid,
- ◆ if you are taking a medicine containing ritonavir (commonly used to treat HIV infection or AIDS).

In some circumstances, this medicine may not be suitable and your doctor may wish to give you a

different medicine. Make sure that your doctor knows what other medicines you are taking.

USING YOUR INHALER

- ◆ Follow the instructions shown on the next few pages. If you have any problems, tell your doctor or pharmacist.
- ◆ It is important that you inhale each dose as directed by your doctor. The label will usually tell you what dose to take and how often. If it doesn't, or you are not sure, ask your doctor or pharmacist.

DOSAGE

- ◆ Use as directed by your doctor.
- ◆ It is **VERY IMPORTANT** that you follow your doctor's instructions as to how many inhalations to inhale and how often to use your inhaler.
- ◆ **DO NOT** inhale more doses or use your inhaler more often than your doctor advises.
- ◆ It may take 1 to 2 weeks or longer for this medicine to work and it is **VERY IMPORTANT THAT YOU USE IT REGULARLY. DO NOT STOP TREATMENT EVEN IF YOU ARE FEELING BETTER** unless told to do so by your doctor.
- ◆ If you miss a dose, just take your regularly scheduled next dose when it is due. **DO NOT DOUBLE** the dose.

HOW TO USE YOUR INHALER

Read the complete instructions carefully and use only as directed.

1 SHAKE THE INHALER WELL for 15 seconds immediately before each use (see Figure 1).

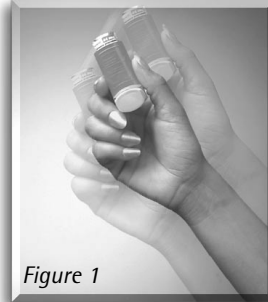


Figure 1

2 REMOVE THE CAP FROM THE MOUTHPIECE (see Figure 2); the strap on the cap will stay attached to the actuator. If the strap is removed from the actuator and lost, the inhaler mouthpiece should be inspected for the presence of foreign objects before each use. Make sure the canister is fully and firmly inserted into the actuator.

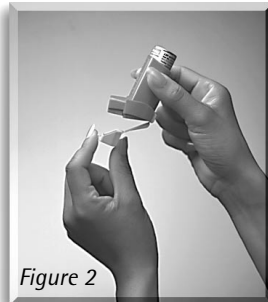


Figure 2

As with all aerosol medicine, it is recommended to “test spray” the inhaler. Do this by spraying 4 times into the air before using for the first time and when the inhaler has not been used for 4 weeks or longer. You should also spray once into the air before using when the inhaler has not been used for 1 to 3 weeks.

Avoid spraying in eyes.

3 BREATHE OUT THROUGH THE MOUTH (see Figure 3a). Place the mouthpiece in the mouth, holding the inhaler in the position shown in Figure 3a and closing the lips around it. Alternatively, the inhaler may be positioned 1 to 2 inches away from the open mouth (see Figure 3b).

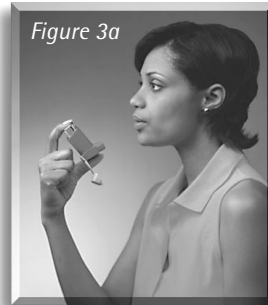


Figure 3a

4 WHILE BREATHING IN DEEPLY AND SLOWLY THROUGH THE MOUTH, PRESS DOWN FIRMLY AND FULLY ON THE TOP OF THE METAL CANISTER with your index finger (see Figure 4).

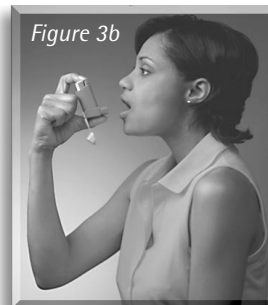


Figure 3b

5 CONTINUE TO INHALE AND TRY TO HOLD YOUR BREATH FOR 10 SECONDS. Before breathing out, remove the inhaler from your mouth and release your finger from the canister.

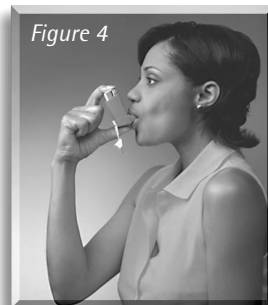


Figure 4

6 WAIT ABOUT 30 SECONDS AND SHAKE the inhaler again. Repeat steps 3 through 5 for each inhalation prescribed by your doctor.

7 REPLACE THE MOUTHPIECE CAP AFTER EACH USE.

8 RINSE YOUR MOUTH with water after you finish taking a dose. Do not swallow.

9 CLEANSE THE INHALER THOROUGHLY AND FREQUENTLY. Remove the metal canister and cleanse the plastic case and cap by rinsing thoroughly in warm, running water at least once a day. After thoroughly drying the plastic case and cap, gently replace the canister into the case with a twisting motion and replace the cap.

10 DISCARD THE CANISTER AFTER YOU HAVE USED THE LABELED NUMBER OF INHALATIONS. The correct amount of medicine in each inhalation cannot be assured after this point. You should keep track of the number of actuations used from each canister of FLOVENT Inhalation Aerosol, and discard the canister after 120 actuations from the 13-g canister or 60 actuations from the 7.9-g canister.

STORING YOUR INHALER

- ◆ Keep your inhaler **out of the reach of children.**
- ◆ Store between 2° and 30°C (36° and 86°F). Store canister with mouthpiece down. Protect from freezing temperatures and direct sunlight.
- ◆ For best results, the canister should be at room temperature before use.
- ◆ FLOVENT canisters are for use with FLOVENT Inhalation Aerosol actuators only. The actuator should not be used with other aerosol medicines.

◆ **DO NOT** use after the date shown as “EXP” on the label or box.

REMEMBER: This medicine has been prescribed for you by your doctor. **DO NOT** give this medicine to anyone else.

FURTHER INFORMATION


This leaflet does not contain the complete information about your medicine. *If you have any questions, or are not sure about something, then you should ask your doctor or pharmacist.*

You may want to read this leaflet again. Please **DO NOT THROW IT AWAY** until you have finished your medicine.

Note: The indented statement below is required by the Federal Government’s Clean Air Act for all products containing or manufactured with chlorofluorocarbons (CFCs).

This product contains trichlorofluoromethane and dichlorodifluoromethane, substances which harm the environment by depleting ozone in the upper atmosphere.

Your doctor has determined that this product is likely to help your personal health. **USE THIS PRODUCT AS DIRECTED, UNLESS INSTRUCTED TO DO OTHERWISE BY YOUR DOCTOR.** If you have any questions about alternatives, consult with your doctor.

 GlaxoSmithKline

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Research Triangle Park, NC 27709
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