

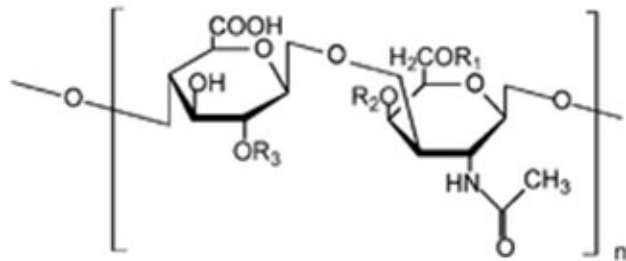
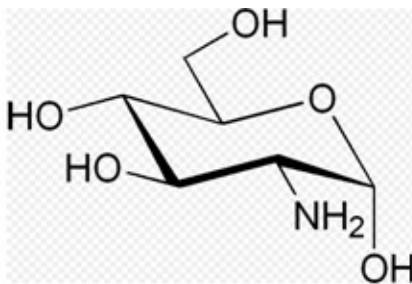


4 **CAPSULES**

5 **OTC**

6 **DESCRIPTION**

7 FLEXOST is indicated for the treatment and prevention of osteoarthritis. Its composition is
8 formulated from natural products Glucosamine sulfate 220mg, chondroitin 220mg.



10 FLEXOST is white to off-white powder (60 mesh) with a solubility of 2.5mg/ml in pH 5.2 water.
11 Each FLEXOST capsule contains 440mg of the formulated natural components. Each capsule shell
12 contains gelatin, titanium dioxide and FD&C Blue top white base No. 1.

13 **CLINICAL PHARMACOLOGY**

14 **Mechanism of Action**

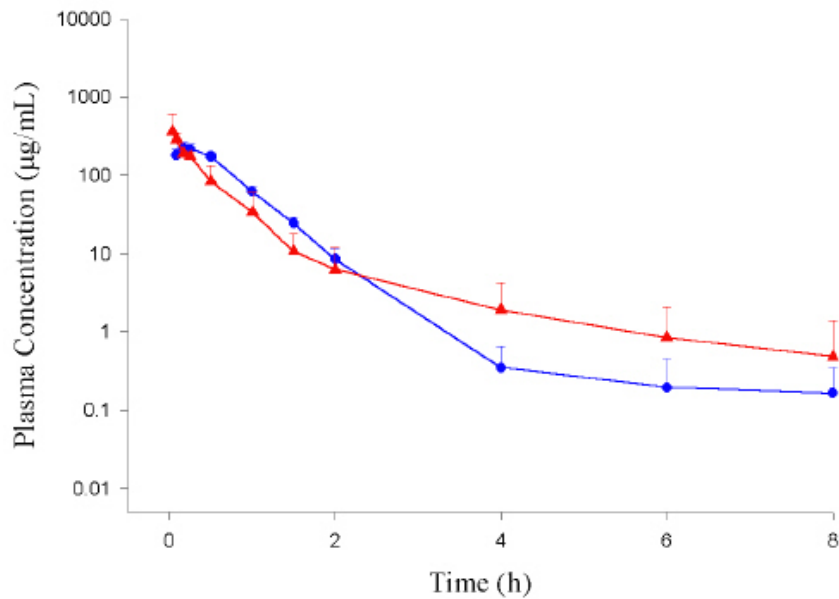
15 The benefit of Flexost in patients with osteoarthritis is the result of a number of effects including
16 its anti-inflammatory activity, the stimulation of the synthesis of proteoglycans,¹ and the decrease
17 in catabolic activity of chondrocytes inhibiting the synthesis of proteolytic enzymes and other
18 substances that contribute to damage cartilage matrix and cause death of articular chondrocytes

19
20 **Pharmacokinetics**

21
22 **Absorption**

23 FLEXOST well absorbed from an oral dose, with about 90 percent gets absorbed in the small
24 intestine, and from there it is transported via the portal circulation to the liver. Significant fraction
25 of the ingested glucosamine is catabolized by the first/pass metabolism in the liver. Free
26 glucosamine is not detected in the serum after oral intake, and it is not know how much of the
27 ingested dose is take up in the joints in humans. Some uptake in articular cartilage is seen in
28 human studies. After oral administration, glucosamine is rapidly absorbed so that some samples

29 taken five and ten minutes after administration contained the highest observed concentrations as
30 compared with the remaining samples (fig 1). The oral doses, however, were only 21%
31 bioavailable.



32
33 Figure 1: Mean glucosamine plasma concentrations versus time curve after a single i.v. bolus (●) and i.p. (▲)
34 administration of 350mg kg⁻¹ glucosamine HCl to rats. Concentrations below 1.23 mg/mL were not used in the
35 calculation of pharmacokinetic parameters. Error bars represent standard deviation of the mean (n=5 for i.v. and 6 for
36 i.p.).

37 The rate and extent of absorption of FLEXOST are not influenced by food; thus FLEXOST may be
38 taken with or without food.

39 **Distribution**

40 The mean apparent volume of distribution following oral administration is approximately 52 L,
41 indicating that FLEXOST is distributed into tissues. At therapeutic concentrations, 94% of FLEXOST
42 in plasma is bound to proteins. In which radioactivity rapidly appears in liver, kidneys and other
43 tissues, including the articular cartilage.

44 **Metabolism**

45 FLEXOST is predominantly metabolized by CYP3A4 to a catechol metabolite. The catechol
46 metabolite undergoes extensive methylation and glucuronidation to form the methylcatechol and
47 methylcatechol glucuronide conjugate, respectively. The major circulating metabolite is the
48 methylcatechol glucuronide. Methylcatechol concentrations are less than 10% of glucuronide
49 concentrations. In vitro data suggests that metabolites are not expected to be pharmacologically
50 active at observed metabolite concentrations.

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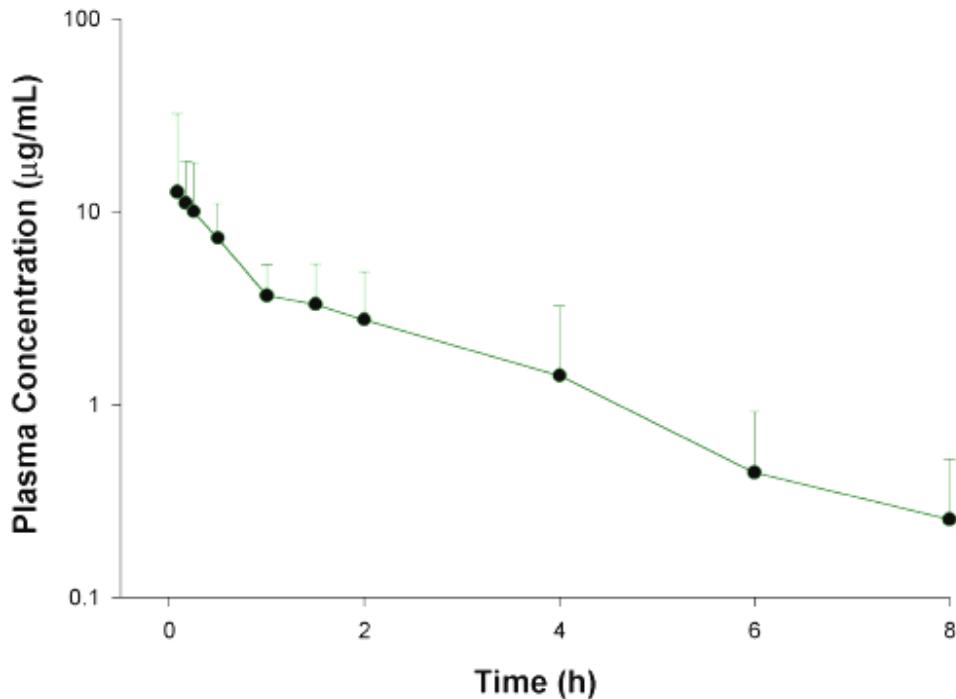
56 Elimination

57 Following a single dose of 440mg FLEXOST in normal weight and obese subjects, fecal and urine
58 excretion of the unabsorbed product was found to be the major route of elimination.

59

60 Glucosamine is rapidly eliminated so that for most samples, the plasma concentration falls below
61 the detectable level of $0.63 \text{ g}\cdot\text{mL}^{-1}$ in 6 h, post-dose (fig 2).

62



63

64 Figure 2: Mean glucosamine plasma concentrations versus time curve after a single oral administration of $350\text{mg}\cdot\text{kg}^{-1}$
65 glucosamine HCl to rats. Concentrations below 1.23 mg/mL were not used in the calculation of pharmacokinetic
66 parameters. Error bars represent standard deviation of the mean ($n=5$).

67

68

69 After a single dose of 440 mg CGS traced with ^{14}C -GI, radioactivity appeared incorporated in
70 plasma globulins with a lag time of 1.5 h and increasing with a rate of 0.24 h^{-1} . The peak was
71 reached at the 9th h after administration. The radioactivity then was eliminated with a $t_{1/2}$ of 58
72 h. The absolute oral bioavailability evaluated on the AUCs of the globulin-incorporated
73 radioactivity was 44%. The fecal excretion in 120 h was 11.3% of the administered dose showing
74 that at least 88.7% of the administered dose was absorbed through the gastrointestinal tract.

75

76 Special Populations

77 *Geriatrics:* In studies no difference has been experienced on geriatrics then normal adult
78 population.

79 *Pediatrics:* FLEXOST has not been evaluated in individuals less than 16 years old.

80

81 *Patients with Diabetes Mellitus:* In male patients with diabetes mellitus after a 420 mg FLEXOST
82 dose, While there have been concerns originating from in vitro studies and intravenous

83 administration to rodents that glucosamine might adversely affect glucose metabolism, careful
 84 studies in humans show no adverse effects on glucose homeostasis. Overall, 16 studies including
 85 854 subjects for 37 weeks reported no adverse effects on glucose metabolism. Glucosamine
 86 is well tolerated by humans for periods of up to three years. While the usual dose is 1500 mg/day
 87 in three doses, doses of up to 3200 mg/day were well tolerated. Healthy young subjects had no
 88 adverse effects from infusion of 9.7 g and only one of five developed a headache when 30.5 g was
 89 infused. This suggests that humans tolerate intake of at least 184 mg/kg/day of glucosamine
 90 daily. In 13 clinical trials reporting safety information there were no adverse effects of
 91 glucosamine on blood chemistries, hematologic parameters, urinalysis,
 92 occult blood in feces, or cardiovascular parameters. Symptoms or side effects were reported
 93 significantly less frequently with glucosamine than with placebo. (See Case Studies)
 94 No dose adjustment is warranted

95 DRUG-DRUG INTERACTIONS

96 None known

97 CLINICAL STUDIES

98 The efficacy and safety of FLEXOST in the treatment and prevention of osteoarthritis has been
 99 evaluated in 22 clinical trials (see table 1) of up to 36-month duration, involving over 6500
 100 patients. FLEXOST, when taken as needed up to three times per day, was shown to be effective in
 101 improving joint space narrowing which is the prime indicator of arthritic joint damage and
 102 inhibiting progression of degenerative cartilage lesions. Clinical studies also showed significantly
 103 superior to placebo and superior to ibuprofen.

104 **Table 1 Clinical trial summary**

Human clinical trial summary							
Study	Type study	Glucosamine form	Other treatment	Route*	Dose mg/d	No. of subjects	Duration days
Almada et al. (2000)	RCT	SO ₄	None	Oral	1500	6	84
Braham et al. (2003)	RCT	HCl	None	Oral	2000	25	84
D'Ambrosio et al. (1981)	RCT	SO ₄	None	Oral/iv/im	1500	15	21
Das and Hammad (2000)	RCT	HCl	CHS	Oral	2000	46	192
Drovanti et al. (1980)	RCT	SO ₄	None	Oral	1500	40	30
Forster et al. (1996)	RCT	SO ₄	None	Oral	1500	78	90
Giordano et al. (1996)	Observational	SO ₄	None	Oral	1500	20	365
Haupt et al. (1999)	RCT	HCl	None	Oral	1500	45	147
Hughes and Carr (2002)	RCT	SO ₄	None	Oral	1500	39	168
Leffler et al. (1999)	RCT	HCl	CHS, Mn	Oral	1500	31	112
Muller-Fabbender et al. (1994)	RCT-C	SO ₄	Vs. ibuprofen	Oral	1500	100	28
Mund-Hoym (1980)	Controlled	SO ₄	Vs. phenylbutazone	Oral/im	1000	40	32
Murad and Tabibian (2001)	Controlled	SO ₄	Supplement	Oral	Uncert	57	35
Nguyen et al. (2003)	RCT	HCl	CHS	Oral	1500	19	84
Noack et al. (1994)	RCT	SO ₄	None	Oral	1500	120	28
Pavelka et al. (2002)	RCT	SO ₄	None	Oral	1500	84	1095
Pujalte et al. (1980)	RCT	SO ₄	None	Oral	1500	11	49
Qui et al. (1998)	RCT-C	SO ₄	Vs. ibuprofen	Oral	1500	88	28
Reicheit et al. (1994)	RCT	SO ₄	None	IM	114	73	42
Reginster et al. (2001)	RCT	SO ₄	None	Oral	1500	87	1095
Rindone et al. (2000)	RCT	SO ₄	None	Oral	1500	49	60
Rovati (1997)	RCT-P-C	SO ₄	Vs. piroxicam	Oral	1500	80	150
Rovati (1992), study 1	RCT	SO ₄	None	Oral	1500	123	28
Rovati (1992), study 2	RCT	SO ₄	None	Oral	1500	76	42
Rovati (1992), study 3	RCT-C	SO ₄	Vs. ibuprofen	Oral	1500	100	28
Scroggie et al. (2003)	RCT	HCl	CHS	Oral	1500	22	90
Shankland (1998)	Observational	HCl	CHS	Oral	3200	50	35
Tannis et al. (2004)	RCT	SO ₄	None	Oral	1500	11	84
Tapadinhas et al. (1982)	Observational	SO ₄	None	Oral	1500	1367	50
Thie et al. (2001)	RCT-C	SO ₄	Vs. ibuprofen	Oral	1500	22	90
Yu et al. (2003)	Observational	SO ₄	None	Oral	1500	12	28
Vajranetra (1984)	Observational	SO ₄	None	Oral/ia	1500	108	84
Vas (1982)	RCT-C	SO ₄	Vs. ibuprofen	Oral	1500	19	56

*Abbreviations: RCT, randomized controlled trial; C, comparator; P, placebo; CHS, chondrotin sulfate; iv, intravenous; im, intramuscular; ia, intraarticular.

107 The efficacy of glucosamine for arthritic complaints has been extensively studied and three recent
 108 meta-analyses (McAlindon et al., 2000; Richy et al., 2003; Towheed et al., 2004) that critically
 109 review randomized controlled trials (RCTs) are available. McAlindon et al. (2000) conclude that
 110 glucosamine was moderately efficacious for relief of arthritic complaints. Richy et al. (2003)
 111 conclude that glucosamine had highly significant efficacy on all aspects of knee osteoarthritis
 112 including joint space narrowing, pain, and mobility scores. Towheed et al. (2004) report that “In
 113 the 13 RCTs in which glucosamine was compared to placebo, glucosamine was found to be
 114 superior in all RCTs, except one. In the four RCTs in which glucosamine was compared to an NSAID,
 115 glucosamine was superior in two and equivalent in two.” In our current evaluation 23 clinical
 116 studies of patients with osteoarthritis were reviewed (Table 2); this does not include the three
 117 studies of temporo-mandibular joint (TMJ) symptoms.

118 Twelve studies reported significant differences and included P-values (from 0.05 to 0.001). Seven
 119 indicated that significant improvement was seen but did not provide P-values; a P-value of 0.05
 120 was assigned to these studies. Only three studies indicated that no significant difference was seen
 121 and two noted a slight improvement with glucosamine administration; a P-value of 0.1 was
 122 assigned to these studies since they reported favorable but not quite statistically significant
 123 results. The average of all reported and imputed P-values for the 22 studies was 0.040 and the
 124 median P-value was 0.05. While a detailed analysis of efficacy was not undertaken, this survey
 125 indicates that glucosamine administration, at a dose of 1500 mg/day, is moderately effective in
 126 decreasing arthritic complaints.

127

Table 2 Clinical trial on efficacy of Glucosamine for arthritic complaints.

Study	Joints evaluated	Arthritis symptoms significant difference
Braham et al. (2003)	Knees	0.038
D'Ambrosio et al. (1981)	Generalized OA	0.01
Das and Hammad (2000)	Knees	0.04
Drovanti et al. (1980)	Generalized OA	0.005
Forster et al. (1996)	Knees	Sign. diff. (0.05)
Giordano et al. (1996)	Generalized OA	0.001
Haupt et al. (1999)	Knees	NCS (0.1)
Hughes and Carr (2002)	Knees	NCS (0.1)
Leffler et al. (1999)	Knees or back	0.02
Muller-Fabbender et al. (1994)	Knees	Sign. diff. (0.05)
Mund-Hoym (1980)	Back	Sign. diff. (0.05)
Noack et al. (1994)	Knees	0.05
Pavelka et al. (2002)	Knees	0.01
Pujalte et al. (1980)	Generalized OA	0.01
Qui et al. (1998)	Knees	Sign. diff. (0.05)
Reicheit et al. (1994)	Knees	Sign. diff. (0.05)
Reginster et al. (2001)	Knees	Sign. diff. (0.05)
Rindone et al. (2000)	Knees	NCS (0.1)
Rovati (1997)	Knees	Sign. diff. (0.05)
Rovati (1992), study 1	Knees	0.014
Rovati (1992), study 2	Knees	0.012
Tapadinhas et al. (1982)	Generalized OA	0.001
Vajranetra (1984)	Knees	Sign. diff. (0.05)

Abbreviations: NA, not applicable; OA, osteoarthritis; NA, not available; NCS, not clinically significant.

128

130 **Objective measures of safety**

131 In two metabolic ward studies, volunteers have received large doses of glucosamine intravenously
 132 over 300 min. Pouwels et al. (2001) intravenously infused 7.2 g of glucosamine as the sulfate salt
 133 over a 300 min period into 10 healthy volunteers. This was well tolerated and not associated with
 134 reported side effects. Monauni et al. (2000) intravenously infused 9.7 g of glucosamine over a 300
 135 min period into 10 healthy volunteers. Again this was well tolerated with no reported side effects.
 136 When they subsequently intravenously infused 30.5 g of glucosamine—achieving plasma levels
 137 >20-fold higher than would be expected with usual doses of oral glucosamine—into five healthy
 138 volunteers, this dose was well tolerated by four subjects and only one had symptoms—he
 139 developed a headache. Thirteen studies reported specific safety measures including some of these
 140 assessments: chemistry panel including liver and kidney safety assessments, hematologic values
 141 (white blood count, red blood count, hemoglobin, and platelet count), urinalyses, occult blood
 142 measurements of stool, and cardiovascular parameters including blood pressure and pulse rate
 143 (Table 3). None of the studies reported adverse effects on these measurements from glucosamine
 144 administration. In general these safety reports included >800 subjects treated for a weighted
 145 average of 40 weeks. Specifically the number of studies assessing various parameters were as
 146 follows: chemistry panel, 12; hematologic parameters, 13; urinalyses, 10; occult blood in stool, 3;
 147 and cardiovascular parameters, 6. Blood pressure and pulse rate were monitored continuously for
 148 the 21 subjects who had large amounts of glucosamine infused intravenously with no reported
 149 adverse effects (Monauni et al., 2000; Pouwels et al., 2001). None of the studies reported
 150 significant changes in these parameters.

151

Table 3 Evaluation of fasting plasma glucose and safety parameters.

Evaluation of fasting plasma glucose and safety parameters									
Study	Glucose before	mg/dl after	Summary	Blood chem	CBC	UA	Occult blood	BP P	Side effects GluN/P
Almada et al. (2000)	94	94		NA	NA	NA	NA	NA	NA
Braham et al. (2003)	NA			NA	NA	NA	NA	NA	1.10
D'Ambrosio et al. (1981)	109	97		NCS	NCS	NCS	NA	NCS	1.00
Das and Hammad (2000)	NA			NA	NA	NA	NA	NA	0.89
Drovanti et al. (1980)	82	82		NCS	NCS	NA	NCS	NA	0.83
Forster et al. (1996)	NA			NA	NA	NA	NA	NA	0.20
Giordano et al. (1996)	NCS			NCS	NCS	NCS	NA	NA	1.00
Houpt et al. (1999)	NA			NA	NA	NA	NA	NA	1.00
Hughes and Carr (2002)	NCS			NCS	NCS	NCS	NA	NA	0.90
Leffler et al. (1999)	NA			NA	NCS	NA	NCS	NCS	0.97
Muller-Fabbender et al. (1994)	NA			NA	NA	NA	NA	NCS	NA
Nguyen et al. (2003)	NA			NA	NA	NA	NA	NA	1.43
Noack et al. (1994)	NCS			NCS	NCS	NCS	NA	NCS	0.62
Pavelka et al. (2002)	NCS			NCS	NCS	NCS	NA	NA	0.56
Pujalte et al. (1980)	NA			NCS	NCS	NCS	NA	NA	0.00
Qui et al. (1998)	NA			NCS	NCS	NCS	NA	NA	NA
Reginster et al. (2001)	Slightly lower			NCS	NCS	NCS	NA	NCS	0.82
Rindone et al. (2000)	NA			NA	NA	NA	NA	NA	0.50
Rovati (1997)	NA			NA	NA	NA	NA	NA	0.62
Rovati (1992), study 1	NA			NCS	NCS	NCS	NA	NA	0.62
Rovati (1992), study 2	NA			NCS	NCS	NCS	NA	NA	0.71
Rovati (1992), study 3	NA			NCS	NCS	NCS	NA	NA	NA
Scroggie et al. (2003)	HbA1c	NCS		NA	NA	NA	NA	NA	NA
Tannis et al. (2004)	82.3	79.2		NA	NA	NA	NA	NA	NA
Yu et al. (2003)	97.2	97.2		NA	NA	NA	NA	NA	NA
Vas (1982)	NA			NA	NCS	NA	NCS	NCS	NA
Average	92.9	89.9							0.76
No. with reports		5	16	12	13	10	3	6	18
Total patients		84	854	803	826	736	90	372	988
Weighted average no. of weeks		5.6	37.2	38.9	38.6	41.7	9.1	40.7	37.2

Abbreviations: NA, not available; NCS, not clinically significant; HbA1c, glycosylated hemoglobin; chem., chemistry; UA, urinalysis; occult blood, stool measurement; BP, blood pressure; P, pulse; GlucN/P, ratio of side effects from glucosamine divided by those from placebo.

152

153

154 **INDICATIONS AND USAGE**

155 FLEXOST is indicated for the treatment and prevention of osteoarthritis.

156 **CONTRAINDICATIONS**

157 Hypersensitivity to active components.

158

159 Patients taken medication for diabetes mellitus and overweight may have problems with glucose
160 tolerance should have their blood sugars carefully monitored. Even though case studies conducted
161 on patients with DB2 have not encountered significant blood sugar level changes(see case
162 studies).

163

164

165

166

167 **WARNINGS**

168

169 In most human studies, glucosamine sulfate has been well tolerated for 30 to 160 days.

170 Side effects may include upset stomach, drowsiness, insomnia, headache, skin reactions, sun
171 sensitivity, and nail toughening. There are rare reports of abdominal pain, loss of appetite,
172 vomiting, nausea, flatulence (gas), constipation, heartburn, and diarrhea. Based on several human
173 cases, temporary increases in blood pressure and heart rate, as well as palpitations, may occur
174 with glucosamine/chondroitin products. Based on animal research, glucosamine theoretically may
175 increase the risk for eye cataract formation.

176

177

178

179 **PRECAUTIONS**

180 Allergies

181 Since glucosamine can be made from the shells of shrimp, crab, and other shellfish, people with
182 shellfish allergy or iodine hypersensitivity may have an allergic reaction to glucosamine products.
183 However, some research suggests that there is not enough shrimp allergen in glucosamine
184 supplements to trigger reactions in patients who are allergic to shrimp. Nevertheless, caution is
185 warranted. A serious hypersensitivity reaction including throat swelling has been reported with
186 glucosamine sulfate. There are reported cases suggesting a link between glucosamine/chondroitin
187 products and asthma exacerbations.

188

189 **MISUSE POTENTIAL**

190 No potential for misuse has been experienced in pre marketing clinical studies or during post
191 marketing events.

192 **USE IN SPECIAL POPULATIONS**

193 **Pregnancy**

194 No adequate and well controlled studies with FLEXOST have been conducted in pregnant women.
195 Because animal reproductive studies are not always predicative of human response FLEXOST
196 during pregnancy is not recommended.

197

198 **Nursing Mothers**

199 It is not known if FLEXOST is secreted in human milk. Therefore, FLEXOST should not be taken by
200 nursing women.

201 **Pediatric Use**

202 FLEXOST has not been studied in pediatric patients below the age of 16 years. There is not enough
203 scientific evidence to recommend the use of glucosamine in children.

204

205 **Geriatric Use**

206 Clinical studies of FLEXOST included significant number of patients aged 65 years and older which
207 determined the response was similar to younger patients.

208

209 **ADVERSE REACTIONS**

210 **Clinical Studies Experience**

211 Because clinical trials are conducted under widely varying conditions, adverse reaction rates
212 observed in the clinical trials of a drug cannot be directly compared to rates in the clinical trials of
213 another drug and may not reflect the rates observed in practice. When taken as recommended in
214 the placebo-controlled clinical trials, the following adverse events were reported (see Table 6) for
215 FLEXOST for use as needed:

216

217

Table 2 Adverse reactions during clinical studies.

Adverse Event	Placebo (N=820)	Flexost 440 mg *		
		2 capsules /day (N=1400)	3 capsules /day (N=853)	4 capsules /day g (N=472)
Dyspepsia	4%	6%	7%	5%
Drowsiness	2%	2%	2%	3%
Headache	3%	5%	6%	6%
Insomnia	1%	3%	4%	5%
Abdominal pain	3%	3%	3%	4%
Nausea	1%	1%	1%	1%
Loss of appetite	2%	2%	2%	4%
Vomiting	1%	1%	3%	3%

218

*2 caps per day trial 120 days, 3 and 4 caps per day 90 day trial

219 Side effects may include Dyspepsia, drowsiness, insomnia, headache. There are rare reports of
220 abdominal pain, loss of appetite, vomiting, and nausea.

221 **Common symptoms with placebo, glucosamine and NSAID**

222 Nonspecific symptoms are commonly reported in clinical trials. In a 3-year study, 93% of subjects
223 receiving placebo reported symptoms (Reginster et al., 2001). The most common symptoms
224 reported with placebo or glucosamine were: mild gastrointestinal symptoms including
225 constipation, diarrhea, nausea, dyspepsia, excessive gas, abdominal distension, and abdominal
226 cramps; headache; and skin rash or pruritis. Eighteen chronic studies that provided side effect data
227 comparing glucosamine to placebo were analyzed (Table 3). The contents of the placebo capsules
228 used in these studies were: not stated, in 9 studies; lactose, in 3; excipients, in 3; inert material, in
229 1; calcium carbonate, in 1; and 50% maltodextrin and 50% whey protein, in 1. These studies
230 included 988 subjects followed for a weighted average of 37 weeks. In 13 of the 18 studies,
231 symptoms were reported less commonly in glucosamine-treated subjects than in placebo-treated
232 subjects. The ratio of symptoms for glucosamine compared to those for placebo is presented for
233 each study. The placebo has a score of 1.0 and the frequency of symptoms with glucosamine is a
234 fraction of this. When the frequency of symptoms is the same the ratio for glucosamine is 1.0.
235 When less symptoms are reported for glucosamine than placebo, the ratio is less than 1.0. Only
236 two studies reported that symptoms were more common with glucosamine than placebo.

237 The frequency of symptoms with glucosamine ranged from none (0.0) to 143% (1.43) of those
238 reported for placebo. The average for the ratio of symptoms for glucosamine compared to placebo
239 was 0.76 (95% confidence interval, 0.61–0.92). This suggests that symptoms were 24% less
240 common with glucosamine than placebo and that this was statistically significant. Richy et al.
241 (2003), in their meta-analysis, indicated that the adverse effect rate with glucosamine was 20%
242 lower than placebo. The Institute of Medicine Report (2004) summarizes case reports and other
243 adverse events occurring with glucosamine use. This report concludes that: “Human studies show
244 an equal incidence of mild, transient adverse effects in placebo control groups and glucosamine
245 groups.” (p. 4, 2004) Five studies compared side effects of glucosamine with ibuprofen, the most
246 commonly used non-steroidal anti-inflammatory drug (NSAID) for arthritis. The prevalence of side
247 effects in patients using glucosamine was 10.0% compared to 32.5% for patients using ibuprofen.
248 The Institute of Medicine (2004) report also concluded that side effects were less common with
249 glucosamine than with ibuprofen.

250

251 **OVERDOSAGE**

252 Single doses up to 7 grams have not presented any more adverse events than normal dosages.
253 From clinical studies the likelihood of overdosing is unknown and unlikely.

254 **DOSAGE AND ADMINISTRATION**

255 FLEXOST recommended starting dose of 2 capsules per day and may be increased up to 5 capsules
256 depending on the level of inflammation and progression of joint space narrowing.

257

258

259 **Use with Food**

260 FLEXOST may be taken without regard to food. The safety and effectiveness of FLEXOST beyond 4
261 years have not been determined at this time.

262

263 **USE IN SPECIAL POPULATIONS**

264 **Geriatrics**

265 No dose adjustment is required in patients >65 years of age.

266

267

268 **HOW SUPPLIED**

269 FLEXOST is a dark –blue hard-gelatin capsule containing powder.

270 FLEXOST 440 mg capsules: Dark –blue two piece No. 0 opaque hard –gelatin capsule. – Bottle
271 containing 120 capsules.

272

273 **Storage Conditions**

274 Store at 25°C (77°F) excursions permitted to 15° to 30°C (59° to 86°F) Keep bottle tightly closed.

275 FLEXOST should not be used after the given expiration date stamped on the top of the lid of each
276 bottle.

277 Distributed by:



279 Firstmed Pharma, Inc

280 Division of Firstmed Holding Corporation

281 Dothan, AL 36301

282

283 325278

284 Revised May 2007

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