

# এক্সোমি ম্যাপ্স ২০

B#m#wgcÖvRj BDGmwc 20 wgMÖv

**উপাদানঃ**

G#v#wg gvc&m 20 U'vetjUt cÖwZwU gvc&m U'vetj#U i#q#Q B#m#wgcÖvRj g'vM#bwmqvg U#vBnvB#W#U BDGmwc m#^wJz M'v#v#v tiwR#vU gw#w#j BDwbU wctjU wm#v#g hv B#m#wgcÖvRj 20 wgMÖv Gi mgZzj]

**ফার্মাকোলজিঃ**

gvc&m n#^Q gw#w#j BDwbU wctjU wm#v#g Gi msw#B ifc] Z#e dvg@vwmDwUK'vj BÜvw#^ Ges wimvP@ Gi ',wó#KvY t\_#K ejv hvq, gwWdvBW wivjR tKv#UW wctjUm Øviv MwVZ U'vetjUB n#^Q gvc&m] gvc&m GkVU me@vaywbK cÖhyw^ hv GKB mv#\_ U'vetjU Ges K'vcmyj Gi Dckvwi w'K,tjv cÖ'vb K#i]

**নির্দেশনাঃ**

q M'v#v#v B#m#v#d#wRqv wid-v. wWwRR (wRBAviviW)  
 q Gb Gm G AvB wW Ilya Øviv wPwKrmvi d#j m,ó M'vw#^K Avjmvj]  
 q t#wj#Kve'vKlvi cvB#jywi wPwKrmvq (wU#c]\_t\_ivcx)  
 q RwjAvi Bwjmb wmb#W#vg Ges BwWlc'vw\_K nvcviviwm#jkb]

**মাত্রা ও সেকনবিবিঃ**

G#v#wg gvc&m U'vetjUtUwU Gk Mvym cvwb w'v#M#P#Y#b U'vetjUtUwU Gk Mvym cvwb Lvlqv DwPr bql hv t#vMxt Ilya w#v#t#z Amvweav nq z#v#t#z U'vetjUtUwU Gk Mvym cvwb B#m#wgcÖvRj 1 eQ#iil tawk mgq a#i MÖNy Ki#j nvo fv#vi SzuwK t#to hvq]

	20	cÖwZw'b	20	cÖwZw'b
B#m#v#d#wRqv	4 m#v#n		4 m#v#n	
B#m#wgcÖvRj	20		20	
Gb Gm G AvB wW Ilya wPwKrmvi d#j m,ó M'vw#^K Avjmvj]	20		--	--
t#wj#Kve'vKlvi cvB#jywi wPwKrmvq (B#m#wgcÖvRj gvc&m U'vetjU 1000 wgMÖv	20		20	
t#v#wjAvi Bwjmb wmb#W#vg Ges BwWlc'vw_K nvcviviwm#jkb]	40-80		--	--

**শিশু (১-১১ বছর) ঃ**

M'v#v#v B#m#v#d#wRqv wid-v. wWwRR (wRBAviviW)  
 B#m#wgcÖvRj 1 eQ#iil tawk mgq a#i MÖNy Ki#j nvo fv#vi SzuwK t#to hvq]

**যকৃতের গোলযোগঃ**

nvjKv t\_#K gvSvix hK...Z wuqvq tMvj#hv#Mi t#v#i gvlv wba#v#iYi cÖ#qvRb tbb] Zxe# hK...Z wuqvq tMvj#hv#Mi tivMx#i ty#i m#e#v#P cÖ#qvM gvlv w#bK 20 wgMÖv Gi tawk n#e bv]

**মূত্র গোলযোগঃ**

G mKj t#v#i gvlv wba#v#iYi cÖ#qvRb tbb]

**কিডনির্দেশনাঃ**

B#m#wgcÖvRj#ji cÖwZ AwZms#e'bkj tivMx#i t#v#i Gi e'envi cvinvi Kiv DwPZ]

**সাবধানতা ও সতর্কতাঃ**

Zxe# e,^ Ges wKwWb wekZv t'Lv w#j B#m#wgcÖvRj mveavBZvi mv#\_ t'lqv DwPZ] B#m#wgcÖvRj 1 eQ#iil tawk mgq a#i MÖNy Ki#j nvo fv#vi SzuwK t#to hvq]

**খাবারের পরিচালনাঃ**

g,^y I A'vqx cvk]@cÖwZw#vq#i g#a#i i#q#Q gv\_#v, Wvqwiqv, ewg ewg fve, tCu ducv, Z#v#U e'v\_v, tKvöKvWvB', gy#Li i'v#v BZ'vw']

**গর্ভাবস্থায় ও স্তন্যদানকালে ব্যবহারঃ**

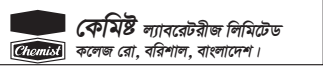
Mf#ve'vq mveavBZv Aeja#b Ki#Z n#e] 'lb'v#Kvix gv#q#i t#v#i gvZ...y#i#i mv#\_ B#m#wgcÖvRj wbtm,Z nq wKbv Zv Rbv hvqwb]

**শিশু এবং প্রাপ্ত বয়স্কদের ক্ষেত্রে ব্যবহারঃ**

1 eQ#iil wb#P wki#i t#v#i B#m#wgcÖvRj gvc&m t#v#i Aby#gvvZ bql cÖvB eq#i t#v#i B#m#wgcÖvRj#ji gvlv wBq#i#vYi cÖ#qvRb tbb]

**ঔষুধের প্রতিক্রিয়াঃ**

Ily#tai mv#\_ : B#m#wgcÖvRj e'env#ii mgq t#v#i wBq#i, lqv#d#wib, KzBwbwWb, K-vwi#\_#v#vBwmb, G#gvw-wm#wb Gi wv\_w#Ceqvi t#v#i cÖgvY tbb] Z#e WvqvwRcv#gi mv#\_ B#m#wgcÖvRj e'env#ii t#v#i WvqvwRcv#gi wbtmYi cÖw#vq#i wej#v# n#Z cv#i] B#m#wgcÖvRj wK#Uv#KvBvRj, wW#MvW-b Ges t#v#i RvZxq Ily#tai t#v#i t#v#i cÖ'ZKvIK#:



# exome MUPS 20

Esomeprazole USP 20 mg

**Composition:**

Exome MUPS 20 Tablet: Each MUPS tablet contains gastro resistant Multiple Unit Pellet System as Esomeprazole Magnesium Trihydrate USP equivalent to Esomeprazole 20 mg.

**Pharmacology:**

MUPS is abbreviation for Multiple Unit Pellet System. However, from pharmaceutical industry and research perspective, the term in general refers to MUPS compacted into tablets. It is a pharmaceutical solid dosage form produced by compressing a mixture of drug-containing pellets and powder excipients. MUPS is one of the more recent and challenging technologies that combine the advantages of both tablets and pellet-filled capsules in one dosage form.

**Indication:**

- Gastro-esophageal Reflux Disease (GERD)
- Risk reduction in NSAID associated gastric ulcer
- H. pylori eradication (Triple therapy)
- Zollinger-Ellison syndrome and idiopathic hypersecretion

**Dosage and administration:**

Esomeprazole MUPS tablets should be swallowed whole with liquid. The tablets should not be chewed or crushed.

No other liquids should be used. Stir until the tablets disintegrate and drink the liquid with the pellets immediately or within 30 minutes. Rinse the glass with half a glass of water and drink. The pellets must not be chewed or crushed.

Indication	Adult (≥18 years)		Children & adolescents (12-18 years)	
	Dose	Frequency	Dose	Frequency
Gastro-esophageal Reflux Disease (GERD)				
Erosive esophagitis	40 mg	Once daily for 4 weeks	40 mg	Once daily for 4 weeks
Maintenance of healing of erosive esophagitis	20 mg	Once daily	20 mg	Once daily
Risk reduction in NSAID associated gastric ulcer	20 mg	Once daily for 4-8 week	--	--
H. pylori eradication (Esomeprazole MUPS tablet with 1000 mg Amoxicillin and 500 mg Clarithromycin)	20 mg	Twice daily for 7 day	20 mg	Twice daily for 7 day
Zollinger-Ellison syndrome & idiopathic hypersecretion	(40-80) mg	Twice daily	--	--

**Children 1-11 years:**

Gastro-esophageal Reflux Disease (GERD)  
 Erosive esophagitis  
 Weight <20 kg: 10 mg once daily for 8 weeks  
 Weight ≥20 kg: 10 mg or 20 mg once daily for 8 weeks  
 Maintenance of healing of erosive esophagitis 10 mg once daily

**Children below the age of 1 year:**  
 Esomeprazole MUPS tablet is not approved for use in children younger than 1 year.

**Hepatic Insufficiency:**

No dosage adjustment is recommended for patients with mild to moderate hepatic insufficiency. However, in-patients with severe hepatic insufficiency a dose of 20 mg once daily should not be exceeded.

**Renal Insufficiency:**

Dose adjustment is not required in patients with impaired renal function.

**Contraindication:**

Esomeprazole is contraindicated in patient with known hypersensitivity to any component of the formulation.

**Warning and precaution:**

Esomeprazole should be used carefully if the patient has severe liver dysfunction and severe renal impairment. Taking a proton pump inhibitor like Esomeprazole may slightly increase the risk of hip, wrist and spine fracture, particularly when it is taken over a period of more than one year.

**Side effects:**

The most frequently occurring adverse events reported with Esomeprazole include headache, diarrhoea, nausea, flatulence, abdominal pain, constipation and dry mouth. There are no difference in types of related adverse events seen during maintenance treatment upto 12 months compared to short term treatment.

**Use in pregnancy and lactation:**  
 Manufacturer advices caution. It is not known if Esomeprazole or its metabolites appear in human breast milk.

**Use in Children & Adult:**

Esomeprazole MUPS tablet is not approved for use in children younger than 1 year. Dose adjustment is not required in the elderly.

**Drug Interaction:**

With medicine: There is no evidence of interaction with phenytoin, warfarin, quinidine, clarithromycin, amoxicillin during the use of esomeprazole. However, the excretion process of diazepam may be delayed. Esomeprazole may interfere with the absorption of drugs such as ketoconazole, digoxin, and iron..

**With food & others:** Food intake delays & decrease the absorption of Esomeprazole.

**Overdose:**

Patients ingested an overdose of Esomeprazole (280 mg) demonstrated symptoms that were included weakness, loose stools & nausea.

**Storage:**

Protect from Light & Moisture. Store at temperature within 30°C. Keep out of reach of children.

**Packing:**

Exome MUPS 20 Tablet: Each box contains 45's MUPS tablets in Alu-Alu blister pack.

