

The Mizoram Pharmacists



An official publication of the Mizoram State Pharmacy Council

Vol.2 No.1 December, 2015

AMOXICILLIN

Trade name: Amoxil, Wymox, Inclav, Moxicillin.

Generic name: Amoxicillin

Eng atana hman nge?

Amoxicillin hi Penicillin anti-biotic class a mi niin, antibiotic hman lar tak a ni a, Broad spectrum antibiotic kan tih zing a mi a ni. A hmanna hi tam tak a awm a, beng, hnar leh hrawk (ear, nose and throat) infection-ah te, H.Pylori infection (pum tha lo, a hrik pai chi)-ah te, pharyngitis-tonsillitis-ah te, LRTI (Lower respiratory tract infection)-ah te leh Genitourinary tract infection (zun kawng tha lo)-ah te hman a ni ber.

Eng chemical nge a nih?

(2S,5R,6R)-6-[[[(2R)-2-amino-2-(4-hydroxyphenyl)-acetyl]amino]-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0] heptane-24-carboxylic acid. Formula: $C_{16}H_{19}N_3O_5$

Eng angin nge kan hmuh thin?

A mum (tablet), a tui (oral solution) leh laihren (capsule).

Engzata ei tur nge?

Amoxicillin hi natna hrang hrangah a dose zat hi a danglam thluah mai a. Beng, hnar leh hrawk natna (ENT infection) leh zun kawng tha lo (genitourinary tract infection) nasa vak loah chuan 500 mg-in darkar 12 dan zelah emaw, 250 mg-in darkar 8 dan zelah pek thin a ni a, ni 10 atanga ni 14 chhung vel pek tur a ni. Tin, ENT infection emaw genitourinary tract infection a lo serious viau chuan 875 mg-in darkar 12 dan zelah emaw, 500 mg-in darkar 8 dan zelah ni 10 atanga ni 14 chhung vel pek thin a ni. Tonsillitis emaw Pharyngitis-ah chuan 775 mg extended release (damdawi, hun tiam chhunga amaha muangchanga taksaa insem darha thawk tura duan) nitin ni 10 chhung pek thin a ni. LRTI (chuap lam natna)-ah hian 875 mg-in darkar 12 dan zelah emaw 500 mg-in darkar 8 dan zelah ni 10 atanga ni 14 chhung pek thin a ni. Tin, pum tha lo, a hrik pai chi (H.pylori infection)-ah hian dual therapy leh triple therapy hmanga pek thin niin, triple therapy-ah chuan amoxicillin 1 gm, lansoprazole 30 mg leh clarithromycin 500 mg darkar 12 danah ni 14 chhung pek thin a ni. Tin, dual therapy-ah hian amoxicillin 1 gm leh lansoprazole 30 mg darkar 8 danah ni 14 chhung pek thin a ni bawk.

Naupang tan

ENT infection-ah naute thla 3 hnuailam tan 30 mg/kg/day-in darkar 12 dan zelah ni 2 emaw ni 3 chhung pek thin a ni. Thla 3 chunglam tan 45 mg/kg/day-in darkar 12 dan zelah pek thin a ni bawk. Tin, LRTI (chuap lam natna) ah naute thla 3 hnuailam tan 30 mg/kg/day darkar 12 danah niin, thla 3 chunglam tan 45 mg/kg/day darkar 12 danah emaw, 40 mg/kg/day darkar 8 danah emaw pek thin a ni.

Side Effects

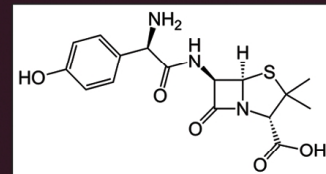
Luna, luakchhuak, Hb hniam (anemia), kawthalo, vun bawl leh tooth discoloration te a thlen thei a ni. Naupai lai leh nau hnute pe lai tan doctor-in ei tura a chawh a nih loh chuan ei loh a tha ber.

Damdawi dang nen ei pawlh a him em?

Demeclocycline, doxycycline, minocycline, mycophenolate, tetracycline te nen hian hman pawlh loh a tha khawp mai. Heng damdawite hian mihring taksaa amoxicillin hi a hnathawh tur ang thawk thei loin a siam thei a ni. A theih chin chinah ei pawlh loh a him ber. Amoxicillin hi chaw nen a inhal thu hriat a ni lo. Chaw ei khamah ei mai tur a ni.

Kal thalo leh dialysis a dose hman dan tur

Kal tha lo, serious vak loah chuan amoxicillin dose pangngai a hman mai theih a. Mahse kal tha lo nasa takah chuan Creatinine Clearance (CrCl) milin amoxicillin dose siam rem a ngai thin. CrCl <30 ml/min-ah chuan 875 mg (immediate release or extended release) hi pek loh tur a ni. CrCl 10-30 ml/min-ah chuan 250-500 mg-in darkar 12 danah pek tur. CrCl <10 ml/min-ah chuan 250-500 mg-in darkar 24 danah pek thin tur a ni. Dialysis patients tan 250-500 mg-in darkar 24 danah pek thin tur a ni. Tin, dialysis an tih lai leh a zawh hnuah additional dose an pe leh thin. Dialysis patients-te hnenah hian 875 mg (immediate release or extended release) ho hi pek loh tur a ni.





MEMBERS OF THE MIZORAM STATE PHARMACY COUNCIL

President

Pu Lalsawma Pachuau

Vice President

Dr. H. Lahlhenmawia

Registrar-cum-Secretary

Esther Lalduhawmi Hnamte

Members

Dr. K. Ropari

Dr. R. Tlangkunga

Pu Thangkima Ralte

Pu C. Vanthuama

Pu F. Vanlallawma

Pu Lalvuana

Pu R. Rodingliana

Pu Zothanpuia

Pi Lalhmingliani Pachuau

Pi Laldinpuii

Pi Vanlalhluti

DAMDAWI CHUNGCHANGAH ZAWH DUH I NEI EM?

- # Damdawi ei kawp loh tur i hria em?
- # Damdawi ei nghawng (side effect) eng nge?
- # Damdawi i ei khan nghawng tha lo (adverse effect) eng nge a neih?
- # Damdawi engtia ei tur nge?
- # Damdawi i ei kha a hlauhawm em?

Hengahte hian zawhna i neih chuan
DRUGS INFORMATION CENTRE,
Office of the Mizoram State Pharmacy Council, Phone 0389-2321683-ah office hour chhungin zawt la, an lo chhang ang che.

AMPICILLIN

Trade name: Omnipen, Penglobe, Principen, Ampilac, Ampilin, Ampisyn, Ampital, Ampy, Aristocillin.

Generic name: Ampicillin

Eng atana hman nge?

Ampicillin hi penicillin anti-biotic class-a mi niin, broad spectrum antibiotic kan tih zinga mi a ni. A hmanna lar zualte chu - Genitourinary tract infection (zun kawng tha lo), GI tract infection (chawkawng atanga ril thlenga natna hrang hrang te), Gonorrhoea (STD chikhat), Respiratory tract infection (chuap leh a kaihnawih natna) leh Cholera (santen) te an ni.

Eng chemical nge a nih?

(2S,5R,6R)-6-9[(2R)-2-amino-2-phenylacetyl]amino)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid.

Formula: $C_{16}H_{19}N_3O_4S$

Eng angin nge kan hmuh thin?

A tui, laihren leh inchiu.

Engzata ei tur nge?

A tlangpuiin a tui leh laihren te hi 250-500 mg-in darkar 6 danah pek thin a ni a, injection IV/IM hi 1-2 gm-in darkar 4 atanga darkar 6 danah pek thin a ni. Genitourinary tract infection (zun kawng tha lo)-ah hian 500-2000 mg-in injection emaw 500 mg PO (per oral)-in darkar 6 danah pek thin a ni. Tin, GI tract infection-ah hian 500 mg PO darkar 6 danah tho pek thin a ni. Gonorrhoea infection-ah chuan 3.5 gm injection, probenecid 1 gm nen pek kawp thin a ni. Respiratory tract infection-ah hian 250 mg PO darkar 6 danah pek thin a ni bawk.

Naupang tan

Naupang 20 kg leh hnuailam tan 100 mg/kg/day PO darkar 6 danah pek thin a ni a, 20 kg chunglam tan 500 mg PO darkar 6 danah pek thin a ni bawk. Respiratory tract infection-ah hian 50 mg/kg/day PO darkar 6 emaw 8 danah pek thin a ni a, maximum dose hi 1000 mg/day a ni. Kum 6 hnuailam tan 300 mg/kg aia tam pek loh tur a ni.

Side Effects

Kawthalo, vun bawl leh thak, luak chhuak, khawsik, ka durh leh pan, pum nuam lo te a thlen thei. Naupai lai tan leh nu hnute pe lai tan a hlauhawm bikna hriat a ni lem lo a, mahse doctor chawh a nih chauhin ei a tha.

Damdawi dang nen ei pawlh a him em?

Demeclocycline, doxycycline, minocycline, mycophenolate, tetracycline te nen hian hman pawlh loh a tha khawp mai. Heng damdawite hian mihring taksaa amoxicillin hi a hnathawh tur ang thawk thei loin an siam thei a ni. A theih chin chinah ei pawlh loh a him. Ampicillin hi chaw ei hma, pum ruah laia ei tur a ni a, chaw ei kham darkar 2 hnu a ei a pawl lo bawk. Chaw (food) hian kan taksaa ampicillin lut tur kha a dang ve thei a, chuang chuan damdawi kha hna thawk thei loin a siam thin a ni.

Kal tha lo leh dialysis-a dose hman dan tur

Kal tha lo, serious vak loah chuan ampicillin dose pangngai a hman mai theih a. Mahse kal tha lo nasa takah chuan Creatinine Clearance (CrCl) milin ampicillin dose siam rem a ngai thin. CrCl 10-50 ml/min-ah chuan darkar 6 dana pek thin kha darkar 12 danah pek tur a ni. Tin, CrCl 10 ml/min-ah chuan darkar 12 dana pek thin kha darkar 16 danah pek zawk tur a ni.

Dialysis patients te tan, dialysis tih zawhah maintenance dose 250 mg-in darkar 12 danah lak thin tur a ni.

