Front

160 mm

ACINET

Amoxicillin and Clavulanate potassium

For the use of a Registered Medical Practitioner, Hospital or a Laboratory

Composition		Streptococcus agalactiae
Acinet 1.2g Injection		Anaerobes:
Each vial contains		Clostridium species
Amoxicillin Sodium BP equivalent to Amoxicillin	1 g	Peplococcus species
Clavulanate potassium USP equivalent Clavulanic acid	200 mg	Pertostreotococcus species
Acinet 600mg Injection		Gram-Negative Microorganisms:
Each vial contains		Aerobes
Amoxicillin Sodium BP equivalent to Amoxicillin	500 mg	Escherichia coli
Clavulanate potassium USP equivalent Clavulanic acid	100 mg	Proteus mirabilis
Acinet 1000	Too ing	Proteus vulgaris
Each film-coated tablet contains		Klebsiella species
Amoxicillin Trihydrate USP equivalent to Amoxicillin	875 mg	Salmonella species
Clavulanate potassium USP equivalent Clavulanic acid	125 mg	Shicella species
Colour: Titanium Dioxide USP	120 mg	Bordetella pertussis
		Gardnerella vaginalis
Acinet 625		Legionella species
Each film-coated tablet contains		Brucella species
Amoxicillin Trihydrate USP equivalent to Amoxicillin	500 mg	Neisseria meningitidis
Clavulanate potassium USP equivalent Clavulanic acid	125 mg	Neisseria gonorrhoeae
Colour: Titanium Dioxide USP		Haemophilus influenzae
Acinet 375		Moraxella catarrhalis
Each film-coated tablet contains		Pasteurella multocida
Amoxicillin Trihydrate USP equivalent to Amoxicillin	250 mg	Vibrio cholerae
Clavulanate potassium USP equivalent Clavulanic acid	125 mg	Helicobacter pylori
Colour: Titanium Dioxide USP		Yersinia enteropolitica
Acinet Dry Syrup 156.25mg/5ml		Anaerobes
Each 5ml of the reconstituted suspension contains:		Bacteroides species including B. fragilis
Amoxicillin Trihydrate USP equivalent to Amoxicillin	125 mg	Fusobacterium species
Clavulanate Potassium USP equivalent to Clavulanic acid	31,25 mg	Pharmacokinetics
Acinet Dry Syrup 228.5mg/5ml		Combining clavulanic acid with amoxicillin causes no appreciable alteration of the pharmacokinetics of either drug
Each 5ml of the reconstituted suspension contains:		compared with their separate administration. After oral administration, both components achieve maximum plasma
Amoxicillin Trihydrate USP equivalent to Amoxicillin	200 mg	concentration in about an hour. Absorption is unaffected by food, milk, ranitiding or pirenzeping. The tissue and body
Clavulanate Potassium USP equivalent to Clavulanic acid	28.5 mg	fluid distribution of both components is generally adequate to achieve antibacterial levels, although the
Acinet Dry Syrup 312.5mg/5ml		concentrations may be somewhat low in bronchial secretions and cerebrospinal fluid. The pharmacokinetic profile
Each 5ml of the reconstituted suspension contains:		of amoxicillin and clavulanic acid in children parallels that in adults.
Amoxicillin Trihydrate USP equivalent to Amoxicillin	250 mg	Indications
Clavulanate Potassium USP equivalent to Clavulanic acid	62.5 mg	Acinet is indicated in the treatment of infections caused by susceptible strains of the designated organisms in the
Acinet Dry Syrup 457mg/5ml		conditions listed below:
Each 5ml of the reconstituted suspension contains:		Lower Respiratory Tract Infections - caused by (beta)-lactamase producing strains of H. influenzae and M.
Amoxicillin Trihydrate USP equivalent to Amoxicillin	400 mg	catarhalis
Clavulanate Potassium USP equivalent to Clavulanic acid	57 mg	Otitis Media - caused by (beta)-lactamase producing strains of H. influenzae and M. catarrhalis.
Clinical Pharmacology		
Pharmacodynamics		Sinusitis - caused by (beta)-lactamase producing strains of H. influenzae and M. catarrhalis.
Acinet is a formulation of amoxicillin and davulanic acid, Amoxicillin has a broad spectrum of bactericidal activity		Skin and Skin Structure Infections - caused by (beta)-lactamase producing strains of S. aureus, E. coli and
against many gram-positive and gram-negative microorganisms. Amoxicillin is, however, susceptible to		Klebsiella spp.
degradation by (beta)-lactamases, and therefore, the spectrum of activity does not include organisms which		Urinary Tract Infections - caused by (beta)-lactamase producing strains of E. coli, Klebsiella spp. and Enterobacter
produce these enzymes. The formulation of amoxicillin and clavulanic acid in Acinet protects amoxicillin from		spp.
degradation by (beta)-lactamase enzymes and effectively extends the antibiotic spectrum of amoxicillin to include		Bone and Joint Infections
many bacteria normally resistant to amoxicillin and other (beta)-lactam antibiotics.		Other infections e.g. intra-abdominal sepsis and dental infections
Amoxicillin/clavulanic acid has been shown to be active against most strains of the following microorganisms, both		While Acinet is indicated only for the conditions listed above, infections caused by ampicillin-susceptible organisms
in vitro and in clinical infections.		are also amenable to treatment with Acinet due to its amoxicillin content. Therefore, mixed infections caused by
Gram-Positive Microorganisms:		ampicillin-susceptible organisms and (beta)-lactamase producing organisms susceptible to Acinet should not
Aerobes		require the addition of another antibiotic. Because amoxicillin has greater in vitro activity against S, pneumoniae

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Coagulase-eegative Staphylococci (Including Staphylococci epidermidis)
Streplococcus yogonee
Bacillus anthracis
Corynebacterium species
Streplococcus viridans
Enterococcus faceium
Enterococcus faceium
Enterococcus faceium

Back

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Adults and children over 12 years:

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hourly

**Each 30 mg of Acinet I.V. provides 5 mg clavulanic acid and 25 mg amoxicillin, Therapy can be started parenterally
and continued with the oral preparation, Treatment with Acinet should not extend beyond 14 days without review.

Dosage for Surgical Prophylaxis

**Procedures Iasting for less than 1 hour are covered in adults by 1,2 g Acinet I.V. given at induction of anaesthesis.

**Deep contained for given subsequent doses of 1;2 g Acinet I.V. (up to 4 doses in 24 hours,) and this regimen can be

continued for several days if the procedure has significantly increased risk of infection, Clear clarical signs of

infection at operation will require a normal course of intervenous or oral Acinet threaty post-peratitlely.

Renal Impairment

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Adults
Mid impairment: No change in dosage
Moderate impairment: 1.2 g.l. V stat followed by 600 mg I.V q 12 hourly
Severe impairment: 1.2 g.l. V stat followed by 600 mg I.V q 12 hourly. An additional 600 mg IV dose may need to be
given during dialysis and at the end of dialysis.

Children
Similar reductions in dosage should be made for children,
Hepatic Impairment
Dose with caution; monitor hepatic function at regular intervals.
Actinet Tablets
Adults and Children over 12 years.
Adults and Children over 12 years.
Mid to Moderate Infections: One 625 mg tablet twice a day.
Dentoakedar abscess: one Acinet 625 mg tablet twice a day for five days.
Activat for Surro.

Dentoalvectar abscess: one Acinet D62-mg tablet twice a day for five days.
Acinet D79 Syru Vewels (3 months) and older.

Build lossages for the treatment of infection:
Patients aged 12 weeks (3 months) and older.
Mild to Moderate infections: 250,6 mg/kg/day b_d.d.
Severe Infections and Othis media, sinustis, lower espiratory infections:
45/64-mg/kg/day b_d.d.
Contraindications and Othis media, sinustis, lower espiratory infections:
45/64-mg/kg/day b_d.d.
Contraindications and Othis media, sinustis, lower espiratory infections:
Acinet is contraindicated in patients with a history of allergic reactions to any penicillin, Attention should be paid to possible cross-sensitivity with other beta-faction antibiotics, e.g., cephalosporins. It is also contraindicated in patients with a part of the part of the patients of the pat

Warnings and Precautions

Before initiating therapy with Acimet, careful inquiry should be made concerning previous hypersensitivity reactions to periodilins, cephalosporins, or other allergens. If an allergic reaction occurs, Acimet should be discontinued and the appropriate therapy instituted. Pseudomembranous colitis has been reported with nearly all antibacterial agents, including Acimet, and has ranged in severity from mild to life-threatening. Mild cases of Pseudomembranous colfits usually rever cases, consideration should be given to management with fluids and electrolytes, protein supplementation, and treatment with an antibacterial drug clinically effective against C, diffice collis.

If the parentieral administration of high doses is necessary, the sodium content must be taken into account in patients on a sodium restricted diel.

The parenteral administration oringin doses is necessary, the socium content must be taken into account in patients on a socium restricted diet.

Change in liver function teached been observed in some patients receiving amocidine. Portugatinet, in the clinical Change in liver function teached by the content of the conte uses or amountin, it is advisable to maintain adequate fluid intake and urinary output in order to reduce the possibility of amountilin crystalluria. Acinet Dry Syrup 228 mg/5mL contains 12.5mg aspartame per 5mL dose and therefore care should be taken in phenytectomula.

While Acinet possesses the characteristic low toxicity of the penicillin group of antibiotics, periodic assessment of organ system functions, including renal, hepatic, and hematopoietic function, is advisable during prolonged therapy. Drug Interactions
Probeneoid Receases the renal tubular secretion of amoutifulin. Concurrent use with Acinet may result in increased and protonged bother best of amoutifulin. Co-cardinnistration of protoneed cannot be recommended, Anticoagulants. Prolongation of theading time and protonomis time have been resported in some patients receiving amoutifuling an advisable and Antient Antient and Antient Antie

Renal Impairment: Please refer dosage and administration.

Renal Impairment: Please refer dosage and administration. Hepatic Impairment: Please refer dosage and administration. Pregnancy (Category B): There are no adequate and well-controlled studies in pregnant women, This drug should be used during pregnancy only if clarity needed. Lactation: Adnet may be administered during lactation, With the exception of the risk of sensitization, associated with the excretion of trace quantities in breast misk, there are no known detrimental effects for the infant. Paediatrics: As per directions given in dosage and administration. Undesirable Effects: Amoxicallin-claric darate is generally well tolerated. The majority of side effects observed in clinical trials were of a and and transient nature and less than 3% of patient discontinued therapy hocause of drug-yealend side effects. From the original promarketing studies, where both paediatric and adult patients were enrolled, the most frequently reported adverse effects were diambroachoses stoods (9%), nausea (9%), sin ranses and uricinaria (3%), our tricinary (3%) and vagnitis (1%). The overall incidence of side effects, and in particular diambroac, increased with the higher recommended dose. Other less frequently reported reactions include: Abdominal discomfort, flatulence, and headache.

Following overdosage, patients have experienced primarily gastrointestinal symptoms including stomach and abdominal pain, vomiting, and diarrhoea, Rash, hyperactivity, or drowsiness has also been observed in a small number of patients. Overdosage

number of patients.

In the case of overdosage, discontinue Acinet, treat symptomatically, and institute supportive measures as required. If the overdosage is very recent and there is no contraindication, an attempt at emesis or other means of removal of drug from the solomach may be performed.

ture overgosage is very resent and there is no contraindication, an attempt at emesis or other means of removal of drug from the storagen charge by a performed.

Interstitial nephritis resulting in objuric renal failure has been reported in a small number of patients after overdosage with amoscialing. Overglaturia, in some cases leading to renal failure, has also been reported after amoxicialin overdosage in adults and pediatric patients. In case of overdosage, adequate fluid intake and diuresis should be maintained to reduce the risk of amoxicialin ovystalluria.

Renal impairment appears to be reversible with cassation of drug administration, High blood levels may occur more readily in patients with impaired real function because of decreased renal clearance of both amoxicialin and clavulanate. Both amoxicialin and clavulanate, are removed from the circulation by hemodishysis.

Incompatibilities and on the mixed with blood products, other proteinaceous fluid such as protein hydrolysates or with intravenous fluid amounts protein the synthesis of the contrained on the mixed in the synthesis and the synthesis of the contrained of the proteinaceous fluid and clavulanate are removed from the circulation by hemodishysis.

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Report of reach of children.

Presentation
ACINET 375, 625, 1000, Alu Alu Blister of 10 tablets
ACINET 375, 625, 1000, Alu Alu Blister of 10 tablets
ACINET Dry syrup 156,25ing/5ril, 225,5mg/5ril, 312,5mg/5ril, 457mg/5ril
30tril, 40tril, 100tril amber glass bottle,
ACINET 600 mg 8 1, 226 Clear colourless glass vial.

Manufactured by: INDCHEMIE HEALTH SPECIALITIES PVT, LTD, Village-Thana, Tehsil-Baddi, Dist-Solan, Himachal Pradesh-173 205. India.

Marketed by:

CACHET PHARMACEUTICALS PVT. LTD.

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