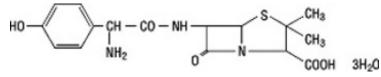
AUGMENTIN - amoxicillin and clavulante potassium tablet, film coated AUGMENTIN - amoxicillin and clavulante potassium tablet Physicians Total Care, Inc.

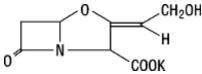
To reduce the development of drug-resistant bacteria and maintain the effectiveness of AUGMENTIN (amoxicillin/clavulanate potassium) and other antibacterial drugs, AUGMENTIN should be used only to treat or prevent infections that are proven or strongly suspected to be caused by bacteria.

DESCRIPTION

AUGMENTIN is an oral antibacterial combination consisting of the semisynthetic antibiotic amoxicillin and the β -lactamase inhibitor, clavulanate potassium (the potassium salt of clavulanic acid). Amoxicillin is an analog of ampicillin, derived from the basic penicillin nucleus, 6-aminopenicillanic acid. The amoxicillin molecular formula is C₁₆H₁₉N₃O₅S•3H₂O, and the molecular weight is 419.46. Chemically, amoxicillin is (2*S*,5*R*,6*R*)-6-[(*R*)-(-)-2-Amino-2-(*p*-hydroxyphenyl)acetamido]-3,3dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid trihydrate and may be represented structurally as:



Clavulanic acid is produced by the fermentation of *Streptomyces clavuligerus*. It is a β -lactam structurally related to the penicillins and possesses the ability to inactivate a wide variety of β -lactamases by blocking the active sites of these enzymes. Clavulanic acid is particularly active against the clinically important plasmid-mediated β -lactamases frequently responsible for transferred drug resistance to penicillins and cephalosporins. The clavulanate potassium molecular formula is C₈H₈KNO₅, and the molecular weight is 237.25. Chemically, clavulanate potassium is potassium (*Z*)-(2*R*, 5*R*)-3-(2-hydroxyethylidene)-7-oxo-4-oxa-1-azabicyclo[3.2.0]-heptane-2-carboxylate, and may be represented structurally as:



Inactive Ingredients

Colloidal silicon dioxide, hypromellose, magnesium stearate, microcrystalline cellulose, polyethylene glycol, sodium starch glycolate, and titanium dioxide.

Each tablet of AUGMENTIN contains 0.63 mEq potassium.

CLINICAL PHARMACOLOGY

Amoxicillin and clavulanate potassium are well absorbed from the gastrointestinal tract after oral administration of AUGMENTIN. Dosing in the fasted or fed state has minimal effect on the pharmacokinetics of amoxicillin. While AUGMENTIN can be given without regard to meals, absorption of clavulanate potassium when taken with food is greater relative to the fasted state. In 1 study, the relative bioavailability of clavulanate was reduced when AUGMENTIN was dosed at 30 and 150 minutes after the start of a high-fat breakfast. The safety and efficacy of AUGMENTIN have been established in clinical trials where AUGMENTIN was taken without regard to meals.

Mean^a amoxicillin and clavulanate potassium pharmacokinetic parameters are shown in the table below:

Dose ^b and regimen	AUC ₀₋₂₄ (mcg•hr/mL)	C _{max} (mcg/mL)		
amoxicillin/ clavulanate potassium	movicillin	clavulanate potassium (±S.D.)	amoxicillin (±S.D.)	clavulanate potassium (±S.D.)
250/125 mg q8h	26.7 ± 4.56	12.6 ± 3.25	3.3 ± 1.12	1.5 ± 0.70
500/125 mg q12h	33.4 ± 6.76	8.6 ± 1.95	6.5 ± 1.41	1.8 ± 0.61
500/125 mg q8h	53.4 ± 8.87	15.7 ± 3.86	7.2 ± 2.26	2.4 ± 0.83
875/125 mg q12h	53.5 ± 12.31	10.2 ± 3.04	11.6 ± 2.78	2.2 ± 0.99

^a Mean values of 14 normal volunteers (n = 15 for clavulanate potassium in the low-dose regimens). Peak concentrations occurred approximately 1.5 hours after the dose.

^b Administered at the start of a light meal.

Amoxicillin serum concentrations achieved with AUGMENTIN are similar to those produced by the oral administration of equivalent doses of amoxicillin alone. The half-life of amoxicillin after the oral administration of AUGMENTIN is 1.3 hours and that of clavulanic acid is 1.0 hour.

Approximately 50% to 70% of the amoxicillin and approximately 25% to 40% of the clavulanic acid are excreted unchanged in urine during the first 6 hours after administration of a single 250-mg or 500-mg tablet of AUGMENTIN.

Concurrent administration of probenecid delays amoxicillin excretion but does not delay renal excretion of clavulanic acid.

Neither component in AUGMENTIN is highly protein-bound; clavulanic acid has been found to be approximately 25% bound to human serum and amoxicillin approximately 18% bound.

Amoxicillin diffuses readily into most body tissues and fluids with the exception of the brain and spinal fluid. The results of experiments involving the administration of clavulanic acid to animals suggest that this compound, like amoxicillin, is well distributed in body tissues. Microbiology

Amoxicillin is a semisynthetic antibiotic with a broad spectrum of bactericidal activity against many gram-positive and gram-negative microorganisms. Amoxicillin is, however, susceptible to degradation by β -lactamases, and therefore, the spectrum of activity does not include organisms which produce these enzymes. Clavulanic acid is a β -lactam, structurally related to the penicillins, which possesses the ability to inactivate a wide range of β -lactamase enzymes commonly found in microorganisms resistant to penicillins and cephalosporins. In particular, it has good activity against the clinically important plasmid-mediated β -lactamases frequently responsible for transferred drug resistance.

The formulation of amoxicillin and clavulanic acid in AUGMENTIN protects amoxicillin from degradation by β -lactamase enzymes and effectively extends the antibiotic spectrum of amoxicillin to include many bacteria normally resistant to amoxicillin and other β -lactam antibiotics. Thus, AUGMENTIN possesses the properties of a broad-spectrum antibiotic and a β -lactamase inhibitor.

Amoxicillin/clavulanic acid has been shown to be active against most strains of the following microorganisms, both in vitro and in clinical infections as described in INDICATIONS AND USAGE. *Gram-Positive Aerobes*

Staphylococcus aureus (β -lactamase and non- β -lactamase-producing)^c

^c Staphylococci which are resistant to methicillin/oxacillin must be considered resistant to amoxicillin/clavulanic acid.

Gram-Negative Aerobes

Enterobacter species (Although most strains of *Enterobacter* species are resistant in vitro, clinical efficacy has been demonstrated with AUGMENTIN in urinary tract infections caused by these organisms.)

Escherichia coli (β-lactamase and non-β-lactamase-producing)

Haemophilus influenzae (β-lactamase and non-β-lactamase-producing)

Klebsiella species (All known strains are β -lactamase-producing.)

Moraxella catarrhalis (β-lactamase and non-β-lactamase-producing)

The following in vitro data are available, **but their clinical significance is unknown**.

Amoxicillin/clavulanic acid exhibits in vitro minimal inhibitory concentrations (MICs) of 2 mcg/mL or less against most (\geq 90%) strains of *Streptococcus pneumoniae* ^d; MICs of 0.06 mcg/mL or less against most (\geq 90%) strains of *Neisseria gonorrhoeae*; MICs of 4 mcg/mL or less against most (\geq 90%) strains of staphylococci and anaerobic bacteria; and MICs of 8 mcg/mL or less against most (\geq 90%) strains of other listed organisms. However, with the exception of organisms shown to respond to amoxicillin alone, the safety and effectiveness of amoxicillin/clavulanic acid in treating clinical infections due to these microorganisms have not been established in adequate and well-controlled clinical trials.

^d Because amoxicillin has greater in vitro activity against *S. pneumoniae* than does ampicillin or penicillin, the majority of *S. pneumoniae* strains with intermediate susceptibility to ampicillin or penicillin are fully susceptible to amoxicillin.

Gram-Positive Aerobes

Enterococcus faecalis^e

Staphylococcus epidermidis (β-lactamase and non-β-lactamase-producing)

Staphylococcus saprophyticus (β -lactamase and non- β -lactamase-producing)

Streptococcus pneumoniae^{e f}

Streptococcus pyogenes^{e f}

viridans group *Streptococcus*^{e f} *Gram-Negative Aerobes*

Eikenella corrodens (β-lactamase and non-β-lactamase-producing)

Neisseria gonorrhoeae^e (β-lactamase and non–β-lactamase–producing)

Proteus mirabilis^e (β-lactamase and non–β-lactamase–producing) *Anaerobic Bacteria*

Bacteroides species, including Bacteroides fragilis (β-lactamase and non–β-lactamase–producing)

Fusobacterium species (β-lactamase and non–β-lactamase–producing)

Peptostreptococcus species^f

^e Adequate and well-controlled clinical trials have established the effectiveness of amoxicillin alone in treating certain clinical infections due to these organisms.

 f These are non- β -lactamase-producing organisms, and therefore, are susceptible to amoxicillin alone. Susceptibility Testing *Dilution Techniques*

Quantitative methods are used to determine antimicrobial MICs. These MICs provide estimates of the susceptibility of bacteria to antimicrobial compounds. The MICs should be determined using a standardized procedure. Standardized procedures are based on a dilution method¹ (broth or agar) or equivalent with standardized inoculum concentrations and standardized concentrations of amoxicillin/clavulanate potassium powder.

The recommended dilution pattern utilizes a constant amoxicillin/clavulanate potassium ratio of 2 to 1 in

all tubes with varying amounts of amoxicillin. MICs are expressed in terms of the amoxicillin concentration in the presence of clavulanic acid at a constant 2 parts amoxicillin to 1 part clavulanic acid. The MIC values should be interpreted according to the following criteria: RECOMMENDED RANGES FOR AMOXICILLIN/CLAVULANIC ACID SUSCEPTIBILITY TESTING

For Gram-Negative Enteric Aerobes:

<u>MIC</u> (mcg/mL)	<u>Interpretation</u>
≤ 8/4	Susceptible (S)
16/8	Intermediate (I)
≥ 32/16	Resistant (R)

For *Staphylococcus^g* and *Haemophilus* species:

<u>MIC</u> (mcg/mL)	<u>Interpretation</u>
≤ 4/2	Susceptible (S)
≥ 8/4	Resistant (R)

^g Staphylococci which are susceptible to amoxicillin/clavulanic acid but resistant to methicillin/oxacillin must be considered as resistant.

For S. pneumoniae from non-meningitis sources:

Isolates should be tested using amoxicillin/clavulanic acid and the following criteria should be used:

<u>MIC</u> (mcg/mL)	<u>Interpretation</u>
≤ 2/1	Susceptible (S)
4/2	Intermediate (I)
$\geq 8/4$	Resistant (R)

NOTE: These interpretive criteria are based on the recommended doses for respiratory tract infections.

A report of "Susceptible" indicates that the pathogen is likely to be inhibited if the antimicrobial compound in the blood reaches the concentration usually achievable. A report of "Intermediate" indicates that the result should be considered equivocal, and, if the microorganism is not fully susceptible to alternative, clinically feasible drugs, the test should be repeated. This category implies possible clinical applicability in body sites where the drug is physiologically concentrated or in situations where high dosage of drug can be used. This category also provides a buffer zone, which prevents small uncontrolled technical factors from causing major discrepancies in interpretation. A report of "Resistant" indicates that the pathogen is not likely to be inhibited if the antimicrobial compound in the blood reaches the concentrations usually achievable; other therapy should be selected.

Standardized susceptibility test procedures require the use of laboratory control microorganisms to control the technical aspects of the laboratory procedures. Standard amoxicillin/clavulanate potassium powder should provide the following MIC values:

Microorganism	MIC Range (mcg/mL) ^h
Escherichia coli ATCC 25922	2 to 8

Escherichia coli ATCC 35218	4 to 16
Enterococcus faecalis ATCC 29212	0.25 to 1.0
Haemophilus influenzae ATCC 49247	2 to 16
Staphylococcus aureus ATCC 29213	0.12 to 0.5
Streptococcus pneumoniae ATCC 49619	0.03 to 0.12

^h Expressed as concentration of amoxicillin in the presence of clavulanic acid at a constant 2 parts amoxicillin to 1 part clavulanic acid.

Diffusion Techniques

Quantitative methods that require measurement of zone diameters also provide reproducible estimates of the susceptibility of bacteria to antimicrobial compounds. One such standardized procedure² requires the use of standardized inoculum concentrations. This procedure uses paper disks impregnated with 30 mcg of amoxicillin/clavulanate potassium (20 mcg amoxicillin plus 10 mcg clavulanate potassium) to test the susceptibility of microorganisms to amoxicillin/clavulanic acid.

Reports from the laboratory providing results of the standard single-disk susceptibility test with a 30mcg amoxicillin/clavulanate acid (20 mcg amoxicillin plus 10 mcg clavulanate potassium) disk should be interpreted according to the following criteria: RECOMMENDED RANGES FOR AMOXICILLIN/CLAVULANIC ACID SUSCEPTIBILITY TESTING

For *Staphylococcus*ⁱ species and *H. influenzae*^j:

<u>Zone Diameter</u> (<u>mm)</u>	Interpretation
≥ 20	Susceptible (S)
≤ 19	Resistant (R)

For Other Organisms Except *S. pneumoniae*^k and *N. gonorrhoeae*^l:

<u>Zone Diameter</u> (<u>mm)</u>	Interpretation
≥ 18	Susceptible (S)
14 to 17	Intermediate (I)
≤ 13	Resistant (R)

ⁱ Staphylococci which are resistant to methicillin/oxacillin must be considered as resistant to amoxicillin/clavulanic acid.

^j A broth microdilution method should be used for testing *H. influenzae*. Beta-lactamase–negative, ampicillin-resistant strains must be considered resistant to amoxicillin/clavulanic acid.

^k Susceptibility of *S. pneumoniae* should be determined using a 1-mcg oxacillin disk. Isolates with oxacillin zone sizes of ≥ 20 mm are susceptible to amoxicillin/clavulanic acid. An amoxicillin/clavulanic acid MIC should be determined on isolates of *S. pneumoniae* with oxacillin zone sizes of ≤ 19 mm.

¹ A broth microdilution method should be used for testing *N*. *gonorrhoeae* and interpreted according to penicillin breakpoints.

Interpretation should be as stated above for results using dilution techniques. Interpretation involves

correlation of the diameter obtained in the disk test with the MIC for amoxicillin/clavulanic acid.

As with standardized dilution techniques, diffusion methods require the use of laboratory control microorganisms that are used to control the technical aspects of the laboratory procedures. For the diffusion technique, the 30-mcg amoxicillin/clavulanate potassium (20-mcg amoxicillin plus 10-mcg clavulanate potassium) disk should provide the following zone diameters in these laboratory quality control strains:

<u>Microorganism</u>	Zone Diameter (mm)
Escherichia coli ATCC 25922	19 to 25
Escherichia coli ATCC 35218	18 to 22
Staphylococcus aureus ATCC 259	2328 to 36

INDICATIONS AND USAGE

AUGMENTIN is indicated in the treatment of infections caused by susceptible strains of the designated organisms in the conditions listed below:

Lower Respiratory Tract Infections

```
– caused by \beta-lactamase–producing strains of H. influenzae and M. catarrhalis. Otitis Media
```

```
– caused by \beta-lactamase–producing strains of H. influenzae and M. catarrhalis. Sinusitis
```

```
– caused by \beta-lactamase–producing strains of H. influenzae and M. catarrhalis. Skin and Skin Structure Infections
```

– caused by β -lactamase–producing strains of *S. aureus*, *E. coli*, and *Klebsiella* spp. Urinary Tract Infections

- caused by β-lactamase-producing strains of *E. coli*, *Klebsiella* spp., and *Enterobacter* spp.

While AUGMENTIN is indicated only for the conditions listed above, infections caused by ampicillinsusceptible organisms are also amenable to treatment with AUGMENTIN due to its amoxicillin content; therefore, mixed infections caused by ampicillin-susceptible organisms and β -lactamase-producing organisms susceptible to AUGMENTIN should not require the addition of another antibiotic. Because amoxicillin has greater in vitro activity against *S. pneumoniae* than does ampicillin or penicillin, the majority of *S. pneumoniae* strains with intermediate susceptibility to ampicillin or penicillin are fully susceptible to amoxicillin and AUGMENTIN. (See Microbiology.)

To reduce the development of drug-resistant bacteria and maintain the effectiveness of AUGMENTIN and other antibacterial drugs, AUGMENTIN should be used only to treat or prevent infections that are proven or strongly suspected to be caused by susceptible bacteria. When culture and susceptibility information are available, they should be considered in selecting or modifying antibacterial therapy. In the absence of such data, local epidemiology and susceptibility patterns may contribute to the empiric selection of therapy.

Bacteriological studies, to determine the causative organisms and their susceptibility to AUGMENTIN, should be performed together with any indicated surgical procedures.

CONTRAINDICATIONS

AUGMENTIN is contraindicated in patients with a history of allergic reactions to any penicillin. It is also contraindicated in patients with a previous history of cholestatic jaundice/hepatic dysfunction associated with AUGMENTIN.

WARNINGS

SERIOUS AND OCCASIONALLY FATAL HYPERSENSITIVITY (ANAPHYLACTIC) REACTIONS HAVE BEEN REPORTED IN PATIENTS ON PENICILLIN THERAPY. THESE REACTIONS ARE MORE LIKELY TO OCCUR IN INDIVIDUALS WITH A HISTORY OF PENICILLIN HYPERSENSITIVITY AND/OR A HISTORY OF SENSITIVITY TO MULTIPLE ALLERGENS. THERE HAVE BEEN REPORTS OF INDIVIDUALS WITH A HISTORY OF PENICILLIN HYPERSENSITIVITY WHO HAVE EXPERIENCED SEVERE REACTIONS WHEN TREATED WITH CEPHALOSPORINS. BEFORE INITIATING THERAPY WITH AUGMENTIN, CAREFUL INQUIRY SHOULD BE MADE CONCERNING PREVIOUS HYPERSENSITIVITY REACTIONS TO PENICILLINS, CEPHALOSPORINS, OR OTHER ALLERGENS. IF AN ALLERGIC REACTION OCCURS, AUGMENTIN SHOULD BE DISCONTINUED AND THE APPROPRIATE THERAPY INSTITUTED. SERIOUS ANAPHYLACTIC REACTIONS REQUIRE IMMEDIATE EMERGENCY TREATMENT WITH EPINEPHRINE. OXYGEN, INTRAVENOUS STEROIDS, AND AIRWAY MANAGEMENT, INCLUDING INTUBATION, SHOULD ALSO BE ADMINISTERED AS INDICATED.

Clostridium difficile associated diarrhea (CDAD) has been reported with use of nearly all antibacterial agents, including AUGMENTIN, and may range in severity from mild diarrhea to fatal colitis. Treatment with antibacterial agents alters the normal flora of the colon leading to overgrowth of *C. difficile*.

C. difficile produces toxins A and B which contribute to the development of CDAD. Hypertoxin producing strains of *C. difficile*. cause increased morbidity and mortality, as these infections can be refractory to antimicrobial therapy and may require colectomy. CDAD must be considered in all patients who present with diarrhea following antibiotic use. Careful medical history is necessary since CDAD has been reported to occur over two months after the administration of antibacterial agents.

If CDAD is suspected or confirmed, ongoing antibiotic use not directed against *C. difficile*. may need to be discontinued. Appropriate fluid and electrolyte management, protein supplementation, antibiotic treatment of *C. difficile*, and surgical evaluation should be instituted as clinically indicated.

AUGMENTIN should be used with caution in patients with evidence of hepatic dysfunction. Hepatic toxicity associated with the use of AUGMENTIN is usually reversible. On rare occasions, deaths have been reported (less than 1 death reported per estimated 4 million prescriptions worldwide). These have generally been cases associated with serious underlying diseases or concomitant medications. (See CONTRAINDICATIONS and ADVERSE REACTIONS: Liver.)

PRECAUTIONS

General

While AUGMENTIN 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.

A high percentage of patients with mononucleosis who receive ampicillin develop an erythematous skin rash. Thus, ampicillin-class antibiotics should not be administered to patients with mononucleosis.

The possibility of superinfections with mycotic or bacterial pathogens should be kept in mind during therapy. If superinfections occur (usually involving *Pseudomonas* or *Candida*), the drug should be discontinued and/or appropriate therapy instituted.

Prescribing AUGMENTIN in the absence of a proven or strongly suspected bacterial infection or a prophylactic indication is unlikely to provide benefit to the patient and increases the risk of the development of drug-resistant bacteria. Drug Interactions

Probenecid decreases the renal tubular secretion of amoxicillin. Concurrent use with AUGMENTIN may result in increased and prolonged blood levels of amoxicillin. Coadministration of probenecid

cannot be recommended.

Abnormal prolongation of prothrombin time (increased international normalized ratio [INR]) has been reported rarely in patients receiving amoxicillin and oral anticoagulants. Appropriate monitoring should be undertaken when anticoagulants are prescribed concurrently. Adjustments in the dose of oral anticoagulants may be necessary to maintain the desired level of anticoagulation.

The concurrent administration of allopurinol and ampicillin increases substantially the incidence of rashes in patients receiving both drugs as compared to patients receiving ampicillin alone. It is not known whether this potentiation of ampicillin rashes is due to allopurinol or the hyperuricemia present in these patients. There are no data with AUGMENTIN and allopurinol administered concurrently.

In common with other broad-spectrum antibiotics, AUGMENTIN may reduce the efficacy of oral contraceptives.

Drug/Laboratory Test Interactions

Oral administration of AUGMENTIN will result in high urine concentrations of amoxicillin. High urine concentrations of ampicillin may result in false-positive reactions when testing for the presence of glucose in urine using CLINITEST[®], Benedict's Solution, or Fehling's Solution. Since this effect may also occur with amoxicillin and therefore AUGMENTIN, it is recommended that glucose tests based on enzymatic glucose oxidase reactions (such as CLINISTIX[®]) be used.

Following administration of ampicillin to pregnant women, a transient decrease in plasma concentration of total conjugated estriol, estriol-glucuronide, conjugated estrone and estradiol has been noted. This effect may also occur with amoxicillin and therefore AUGMENTIN. Information for Patients

Patients should be counseled that antibacterial drugs including AUGMENTIN, should only be used to treat bacterial infections. They do not treat viral infections (e.g., the common cold). When AUGMENTIN is prescribed to treat a bacterial infection, patients should be told that although it is common to feel better early in the course of therapy, the medication should be taken exactly as directed. Skipping doses or not completing the full course of therapy may: (1) decrease the effectiveness of the immediate treatment, and (2) increase the likelihood that bacteria will develop resistance and will not be treatable by AUGMENTIN or other antibacterial drugs in the future.

Diarrhea is a common problem caused by antibiotics which usually ends when the antibiotic is discontinued. Sometimes after starting treatment with antibiotics, patients can develop watery and bloody stools (with or without stomach cramps and fever) even as late as two or more months after having taken the last dose of the antibiotic. If this occurs, patients should contact their physician as soon as possible. Carcinogenesis, Mutagenesis, Impairment of Fertility

Long-term studies in animals have not been performed to evaluate carcinogenic potential. *Mutagenesis*

The mutagenic potential of AUGMENTIN was investigated in vitro with an Ames test, a human lymphocyte cytogenetic assay, a yeast test and a mouse lymphoma forward mutation assay, and in vivo with mouse micronucleus tests and a dominant lethal test. All were negative apart from the in vitro mouse lymphoma assay where weak activity was found at very high, cytotoxic concentrations. *Impairment of Fertility*

AUGMENTIN at oral doses of up to 1,200 mg/kg/day (5.7 times the maximum human dose, 1,480 mg/m²/day, based on body surface area) was found to have no effect on fertility and reproductive performance in rats, dosed with a 2:1 ratio formulation of amoxicillin:clavulanate. Pregnancy *Teratogenic Effects*

Pregnancy (Category B). Reproduction studies performed in pregnant rats and mice given AUGMENTIN at oral dosages up to 1,200 mg/kg/day, equivalent to 7,200 and 4,080 mg/m²/day, respectively (4.9 and 2.8 times the maximum human oral dose based on body surface area), revealed no evidence of harm to the fetus due to AUGMENTIN. There are, however, no adequate and well-

controlled studies in pregnant women. Because animal reproduction studies are not always predictive of human response, this drug should be used during pregnancy only if clearly needed. Labor and Delivery

Oral ampicillin-class antibiotics are generally poorly absorbed during labor. Studies in guinea pigs have shown that intravenous administration of ampicillin decreased the uterine tone, frequency of contractions, height of contractions, and duration of contractions; however, it is not known whether the use of AUGMENTIN in humans during labor or delivery has immediate or delayed adverse effects on the fetus, prolongs the duration of labor, or increases the likelihood that forceps delivery or other obstetrical intervention or resuscitation of the newborn will be necessary. In a single study in women with premature rupture of fetal membranes, it was reported that prophylactic treatment with AUGMENTIN may be associated with an increased risk of necrotizing enterocolitis in neonates. Nursing Mothers

Ampicillin-class antibiotics are excreted in the milk; therefore, caution should be exercised when AUGMENTIN is administered to a nursing woman. Pediatric Use

Pediatric patients weighing 40 kg or more should be dosed according to the adult recommendations (see DOSAGE AND ADMINISTRATION: Pediatric Patients). Safety and effectiveness of AUGMENTIN Tablets in pediatric patients weighing less than 40 kg have not been established. (See prescribing information for AUGMENTIN Powder for Oral Suspension and Chewable Tablets.) Geriatric Use

An analysis of clinical studies of AUGMENTIN was conducted to determine whether subjects aged 65 and over respond differently from younger subjects. Of the 3,119 patients in this analysis, 68% were <65 years old, 32% were \geq 65 years old and 14% were \geq 75 years old. This analysis and other reported clinical experience have not identified differences in responses between the elderly and younger patients, but a greater sensitivity of some older individuals cannot be ruled out.

This drug is known to be substantially excreted by the kidney, and the risk of toxic reactions to this drug may be greater in patients with impaired renal function. Because elderly patients are more likely to have decreased renal function, care should be taken in dose selection, and it may be useful to monitor renal function.

ADVERSE REACTIONS

AUGMENTIN is generally well tolerated. The majority of side effects observed in clinical trials were of a mild and transient nature and less than 3% of patients discontinued therapy because of drug-related side effects. The most frequently reported adverse effects were diarrhea/loose stools (9%), nausea (3%), skin rashes and urticaria (3%), vomiting (1%) and vaginitis (1%). The overall incidence of side effects, and in particular diarrhea, increased with the higher recommended dose. Other less frequently reported reactions include: Abdominal discomfort, flatulence, and headache.

The following adverse reactions have been reported for ampicillin-class antibiotics: Gastrointestinal

Diarrhea, nausea, vomiting, indigestion, gastritis, stomatitis, glossitis, black "hairy" tongue, mucocutaneous candidiasis, enterocolitis, and hemorrhagic/pseudomembranous colitis. Onset of pseudomembranous colitis symptoms may occur during or after antibiotic treatment. (See WARNINGS.) Hypersensitivity Reactions

Skin rashes, pruritus, urticaria, angioedema, serum sickness—like reactions (urticaria or skin rash accompanied by arthritis, arthralgia, myalgia, and frequently fever), erythema multiforme (rarely Stevens-Johnson syndrome), acute generalized exanthematous pustulosis, hypersensitivity vasculitis, and an occasional case of exfoliative dermatitis (including toxic epidermal necrolysis) have been reported. These reactions may be controlled with antihistamines and, if necessary, systemic

corticosteroids. Whenever such reactions occur, the drug should be discontinued, unless the opinion of the physician dictates otherwise. Serious and occasional fatal hypersensitivity (anaphylactic) reactions can occur with oral penicillin. (See WARNINGS.) Liver

A moderate rise in AST (SGOT) and/or ALT (SGPT) has been noted in patients treated with ampicillinclass antibiotics but the significance of these findings is unknown. Hepatic dysfunction, including hepatitis and cholestatic jaundice, [see CONTRAINDICATIONS], increases in serum transaminases (AST and/or ALT), serum bilirubin, and/or alkaline phosphatase, has been infrequently reported with AUGMENTIN. It has been reported more commonly in the elderly, in males, or in patients on prolonged treatment. The histologic findings on liver biopsy have consisted of predominantly cholestatic, hepatocellular, or mixed cholestatic-hepatocellular changes. The onset of signs/symptoms of hepatic dysfunction may occur during or several weeks after therapy has been discontinued. The hepatic dysfunction, which may be severe, is usually reversible. On rare occasions, deaths have been reported (less than 1 death reported per estimated 4 million prescriptions worldwide). These have generally been cases associated with serious underlying diseases or concomitant medications. Renal

Interstitial nephritis and hematuria have been reported rarely. Crystalluria has also been reported (see OVERDOSAGE).

Hemic and Lymphatic Systems

Anemia, including hemolytic anemia, thrombocytopenia, thrombocytopenic purpura, eosinophilia, leukopenia, and agranulocytosis have been reported during therapy with penicillins. These reactions are usually reversible on discontinuation of therapy and are believed to be hypersensitivity phenomena. A slight thrombocytosis was noted in less than 1% of the patients treated with AUGMENTIN. There have been reports of increased prothrombin time in patients receiving AUGMENTIN and anticoagulant therapy concomitantly.

Central Nervous System

Agitation, anxiety, behavioral changes, confusion, convulsions, dizziness, insomnia, and reversible hyperactivity have been reported rarely. Miscellaneous

Tooth discoloration (brown, yellow, or gray staining) has been rarely reported. Most reports occurred in pediatric patients. Discoloration was reduced or eliminated with brushing or dental cleaning in most cases.

OVERDOSAGE

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

In the case of overdosage, discontinue AUGMENTIN, 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 stomach may be performed. A prospective study of 51 pediatric patients at a poison center suggested that overdosages of less than 250 mg/kg of amoxicillin are not associated with significant clinical symptoms and do not require gastric emptying.³

Interstitial nephritis resulting in oliguric renal failure has been reported in a small number of patients after overdosage with amoxicillin.

Crystalluria, in some cases leading to renal failure, has also been reported after amoxicillin overdosage in adult and pediatric patients. In case of overdosage, adequate fluid intake and diuresis should be maintained to reduce the risk of amoxicillin crystalluria.

Renal impairment appears to be reversible with cessation of drug administration. High blood levels may

occur more readily in patients with impaired renal function because of decreased renal clearance of both amoxicillin and clavulanate. Both amoxicillin and clavulanate are removed from the circulation by hemodialysis. (See DOSAGE AND ADMINISTRATION for recommended dosing for patients with impaired renal function.)

DOSAGE AND ADMINISTRATION

Since both the 250-mg and 500-mg tablets of AUGMENTIN contain the same amount of clavulanic acid (125 mg, as the potassium salt), two 250-mg tablets of AUGMENTIN are not equivalent to one 500-mg tablet of AUGMENTIN; therefore, two 250-mg tablets of AUGMENTIN should not be substituted for one 500-mg tablet of AUGMENTIN. DosageAdults

The usual adult dose is one 500-mg tablet of AUGMENTIN every 12 hours or one 250-mg tablet of AUGMENTIN every 8 hours. For more severe infections and infections of the respiratory tract, the dose should be one 875-mg tablet of AUGMENTIN every 12 hours or one 500-mg tablet of AUGMENTIN every 8 hours.

Patients with impaired renal function do not generally require a reduction in dose unless the impairment is severe. Severely impaired patients with a glomerular filtration rate of <30 mL/min. should not receive the 875-mg tablet. Patients with a glomerular filtration rate of 10 to 30 mL/min. should receive 500 mg or 250 mg every 12 hours, depending on the severity of the infection. Patients with a less than 10 mL/min. glomerular filtration rate should receive 500 mg or 250 mg every 24 hours, depending on severity of the infection.

Hemodialysis patients should receive 500 mg or 250 mg every 24 hours, depending on severity of the infection. They should receive an additional dose both during and at the end of dialysis.

Hepatically impaired patients should be dosed with caution and hepatic function monitored at regular intervals. (See WARNINGS.)

Pediatric Patients

Pediatric patients weighing 40 kg or more should be dosed according to the adult recommendations.

Due to the different amoxicillin to clavulanic acid ratios in the 250-mg tablet of AUGMENTIN (250/125) versus the 250-mg chewable tablet of AUGMENTIN (250/62.5), the 250-mg tablet of AUGMENTIN should not be used until the pediatric patient weighs at least 40 kg or more. Administration

AUGMENTIN may be taken without regard to meals; however, absorption of clavulanate potassium is enhanced when AUGMENTIN is administered at the start of a meal. To minimize the potential for gastrointestinal intolerance, AUGMENTIN should be taken at the start of a meal.

HOW SUPPLIED

AUGMENTIN 250-mg Tablets

Each white oval filmcoated tablet, debossed with AUGMENTIN on 1 side and 250/125 on the other side, contains 250 mg amoxicillin as the trihydrate and 125 mg clavulanic acid as the potassium salt.

Bottles ofNDC 54868-300387-1

Store tablets at or below 25°C (77°F). Dispense in original container.

CLINICAL STUDIES

Data from 2 pivotal studies in 1,191 patients treated for either lower respiratory tract infections or complicated urinary tract infections compared a regimen of 875-mg tablets of AUGMENTIN every 12 hours to 500-mg tablets of AUGMENTIN dosed every 8 hours (584 and 607 patients, respectively). Comparable efficacy was demonstrated between the every 12 hours and every 8 hours dosing regimens. There was no significant difference in the percentage of adverse events in each group. The most frequently reported adverse event was diarrhea; incidence rates were similar for the 875-mg every 12 hours and 500-mg every 8 hours dosing regimens (14.9% and 14.3%, respectively); however, there was a statistically significant difference (P < 0.05) in rates of severe diarrhea or withdrawals with diarrhea between the regimens: 1.0% for 875-mg every 12 hours dosing versus 2.5% for the 500-mg every 8 hours dosing.

In 1 of these pivotal studies, 629 patients with either pyelonephritis or a complicated urinary tract infection (i.e., patients with abnormalities of the urinary tract that predispose to relapse of bacteriuria following eradication) were randomized to receive either 875-mg tablets of AUGMENTIN every 12 hours or 500-mg tablets of AUGMENTIN every 8 hours in the following distribution:

	<u>875 mg q12</u>	<u>h500 mg q8h</u>
Pyelonephritis	173 patients	188 patients
Complicated UT	'I 135 patients	133 patients
Total patients	308	321

The number of bacteriologically evaluable patients was comparable between the 2 dosing regimens. AUGMENTIN produced comparable bacteriological success rates in patients assessed 2 to 4 days immediately following end of therapy. The bacteriologic efficacy rates were comparable at 1 of the follow-up visits (5 to 9 days post-therapy) and at a late post-therapy visit (in the majority of cases, this was 2 to 4 weeks post-therapy), as seen in the table below:

	<u>875 mg q12h</u>	<u>500 mg q8h</u>
2 to 4 days	81%, n = 58	80%, n = 54
5 to 9 days	58.5%, n = 41	51.9%, n = 52
2 to 4 weeks	52.5%, n = 101	54.8%, n = 104

As noted before, though there was no significant difference in the percentage of adverse events in each group, there was a statistically significant difference in rates of severe diarrhea or withdrawals with diarrhea between the regimens.

REFERENCES

- 1. National Committee for Clinical Laboratory Standards. Methods for Dilution Antimicrobial Susceptibility Tests for Bacteria that Grow Aerobically Third Edition. Approved Standard NCCLS Document M7-A3, Vol. 13, No. 25. NCCLS, Villanova, PA, December 1993.
- 2. National Committee for Clinical Laboratory Standards. Performance Standards for Antimicrobial Disk Susceptibility Tests Fifth Edition. Approved Standard NCCLS Document M2-A5, Vol. 13, No. 24. NCCLS, Villanova, PA, December 1993.
- 3. Swanson-Biearman B, Dean BS, Lopez G, Krenzelok EP. The effects of penicillin and cephalosporin ingestions in children less than six years of age. *Vet Hum Toxicol*. 1988;30:66-67.

AUGMENTIN is a registered trademark of GlaxoSmithKline.

CLINITEST is a registered trademark of Miles, Inc.

CLINISTIX is a registered trademark of Bayer Corporation.

GlaxoSmithKline

Research Triangle Park, NC 27709

©2009, GlaxoSmithKline. All rights reserved.

September 2009 AUT:17PI

Relabeling and Repackaging by:

Physicians Total Care, Inc. Tulsa, OK 74146

PRINCIPAL DISPLAY PANEL

Augmentin

250 mg



AUGMENTIN

amoxicillin and clavulante potassium tablet, film coated

Product Informat	tion						
Product Type		HUMAN PRESCRIPTION DRUG	Item C (Sourc		NDC:548	68-0387(NDC	2:0029-6075)
Route of Administra	tion	ORAL					
Active Ingredient	t/Active Moi	iety					
	Ing	gredient Name			Basis of	Strength	Strength
AMOXICILLIN (UNII:	804826J2HU) (A	AMOXICILLIN ANHYDROU	JS - UNII:9 EM0 5	5410Q9)	AMOXICILLI	N	250 mg
CLAVULANATE POT. UNII:23521W1S24)	ASSIUM (UNII: (Q42OMW3AT8) (CLAVUL	ANIC ACID -		CLAVULANA POTASSIUM		125 mg
Inactive Ingredie	nts						
U		Ingredient Na	me			5	Strength
SILICON DIOXIDE (U	NII: ETJ7Z6 XBU	0					
HYPROMELLOSES (U	JNII: 3NXW29V3	3WO)					
MAGNESIUM STEARA	TE (UNII: 7009	7M6I30)					
CELLULOSE, MICRO	CRYSTALLINE	E (UNII: OP1R32D61U)					
CELLULOSE, MICRO POLYETHYLENE GL		, ,					
POLYETHYLENE GL	YCOL (UNII: 3W	, ,	6J3G2A2)				
POLYETHYLENE GL	YCOL (UNII: 3W YCOLATE TYI	VJQ0SDW1A) PE A POTATO (UNII: 585	6J3G2A2)				
POLYETHYLENE GL SODIUM STARCH GL	YCOL (UNII: 3W YCOLATE TYI	VJQ0SDW1A) PE A POTATO (UNII: 585	6J3G2A2)				
POLYETHYLENE GL' SODIUM STARCH GL TITANIUM DIOXIDE (YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2.	VJQ0SDW1A) PE A POTATO (UNII: 585	6J3G2A2)				
POLYETHYLENE GL ^Y SODIUM STARCH GL TITANIUM DIOXIDE (Product Characte	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. Pristics	VJQOSDW1A) PE A POTATO (UNII: 585 JP)	6J3G2A2)				
POLYETHYLENE GL ^v Sodium starch gl titanium dioxide (Product Characte Color	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. Pristics white	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score	6J3G2A2)	no score			
POLYETHYLENE GL [*] SODIUM STARCH GL TITANIUM DIOXIDE (Product Characte Color Shape	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. Pristics	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score Size	6J3G2A2)	18 mm			
POLYETHYLENE GL ^Y SODIUM STARCH GL TITANIUM DIOXIDE (Product Characte Color Shape Flavor	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. Pristics white	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score	6J3G2A2)	18 mm	TIN;250;125		
POLYETHYLENE GL ^v Sodium starch gl titanium dioxide (Product Characte Color	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. Pristics white	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score Size	6J3G2A2)	18 mm	TIN;250;125		
POLYETHYLENE GL ^Y SODIUM STARCH GL TITANIUM DIOXIDE (Product Characte Color Shape Flavor	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. Pristics white	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score Size	6J3G2A2)	18 mm	TIN;250;125		
POLYETHYLENE GLY SODIUM STARCH GL TITANIUM DIO XIDE (Product Characte Color Shape Flavor Contains	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. Pristics white	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score Size	6J3G2A2)	18 mm	TIN;250;125		
POLYETHYLENE GLY SODIUM STARCH GL TITANIUM DIO XIDE (Product Characte Color Shape Flavor Contains Packaging	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. Pristics white OVAL	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score Size		18 mm AUGMEN		Marketing F	nd Date
POLYETHYLENE GL SODIUM STARCH GL TITANIUM DIOXIDE (Product Characte Color Shape Flavor Contains Packaging # Item Code	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. RISTICS White OVAL OVAL	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score Size Imprint Code		18 mm		Marketing F	nd Date
POLYETHYLENE GL SODIUM STARCH GL TITANIUM DIO XIDE (Product Characte Color Shape Flavor Contains Packaging	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. RISTICS White OVAL OVAL	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score Size Imprint Code Code Size Size		18 mm AUGMEN		Marketing F	and Date
POLYETHYLENE GLY SODIUM STARCH GL TITANIUM DIO XIDE (Product Characte Color Shape Flavor Contains Packaging # Item Code 1 NDC:54868-0387-1	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. Pristics White OVAL OVAL Bank Solution S	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score Size Imprint Code Code Size Size		18 mm AUGMEN		Marketing F	nd Date
POLYETHYLENE GL SODIUM STARCH GL TITANIUM DIOXIDE (Product Characte Color Shape Flavor Contains Packaging # Item Code	YCOL (UNII: 3W YCOLATE TYI UNII: 15FIX9 V2. white OVAL 0VAL 30 in 1 B	VJQ0SDW1A) PE A POTATO (UNII: 585 JP) Score Size Imprint Code Code Size Size	Marketin	18mm AUGMEN			nd Date

AUGMENTIN

amoxicillin and clavulante potassium tablet, film coated

Product Information	on							
Product Type		HUMAN PRESCRIPTION DRUG	Item C (Sourc		NDC:54868-0388(N) 6080)		IDC:0029-	
Route of Administrati	on	ORAL						
Active Ingredient/	Active Moie	ty						
	Ingr	edient Name			Basis of	Strength	Strengt	
AMOXICILLIN (UNII: 80	MOXICILLIN (UNII: 804826J2HU) (AMOXICILLIN ANHYDROUS - UNII:9EM			5410Q9)	AMOXICILLIN	N	500 mg	
CLAVULANATE POTASSIUM (UNII: Q420 MW3AT8) (CLAVULANIC ACII INII:23521W1S24)			NIC ACID -		CLAVULANA POTASSIUM	TE	125 mg	
Inactive Ingredien	ts							
		Ingredient Name	2			5	Strength	
SILICON DIOXIDE (UN	II: ETJ7Z6XBU4))						
HYPROMELLOSES (UN	III: 3NXW29V3W	/0)						
MAGNESIUM STEARAT	E (UNII: 70097	M6I30)						
CELLULOSE, MICROC	RYSTALLINE (UNII: OP1R32D61U)						
		OOSDW1A)						
POLYETHYLENE GLYC		QU3DWIA)						
		A POTATO (UNII: 5856J)	3G2A2)					
SODIUM STARCH GLY	COLATE TYPE	A POTATO (UNII: 5856J	3G2A2)					
SO DIUM STARCH GLY	COLATE TYPE	A POTATO (UNII: 5856J	3G2A2)					
SO DIUM STARCH GL Y FITANIUM DIO XIDE (U	COLATE TYPE NII: 15FIX9V2JP	A POTATO (UNII: 5856J	3G2A2)					
SO DIUM STARCH GL Y FITANIUM DIO XIDE (U	COLATE TYPE NII: 15FIX9V2JP	A POTATO (UNII: 5856J	3G2A2)					
so dium starch gly ritanium dio xide (u Product Character	COLATE TYPE NII: 15FIX9V2JP	A POTATO (UNII: 5856J	3G2A2)	no score				
SO DIUM STARCH GLY FITANIUM DIO XIDE (U Product Character Color	COLATE TYPE NII: 15FIX9V2JP 'istics	: A POTATO (UNII: 5856J)	3G2A2)	no score 20mm				
SODIUM STARCH GLY FITANIUM DIOXIDE (U Product Character Color Shape	COLATE TYPE NII: 15FIX9V2JP istics white	A POTATO (UNII: 5856J)	3G2A2)		IN;500;125			
SO DIUM STARCH GLY TITANIUM DIO XIDE (U Product Character Color Shape Flavor	COLATE TYPE NII: 15FIX9V2JP istics white	Score Size	3G2A2)	20 mm	IN;500;125			
SO DIUM STARCH GLY FITANIUM DIO XIDE (U Product Character Color Shape Flavor	COLATE TYPE NII: 15FIX9V2JP istics white	Score Size	3G2A2)	20 mm	IN;500;125			
SO DIUM STARCH GLY FITANIUM DIO XIDE (U Product Character Color Shape Flavor	COLATE TYPE NII: 15FIX9V2JP istics white	Score Size	3G2A2)	20 mm	IN;500;125			
SODIUM STARCH GLY FITANIUM DIO XIDE (U Product Character Color Shape Flavor Contains	COLATE TYPE NII: 15FIX9V2JP istics white	Score Size	3G2A2)	20 mm	IN;500;125			
SODIUM STARCH GLY FITANIUM DIO XIDE (U Product Character Color Shape Flavor Contains Packaging	COLATE TYPE NII: 15FIX9V2JP istics white OVAL	Score Size		20 mm		Marketing E	nd Date	
SO DIUM STARCH GLY FITANIUM DIO XIDE (U Product Character Color Shape Flavor Contains Packaging I tem Code	COLATE TYPE NII: 15FIX9V2JP istics white OVAL OVAL	Score Size Imprint Code		20 mm AUGMENT		Marketing E	nd Date	
SO DIUM STARCH GLY FITANIUM DIO XIDE (U Product Character Color Shape Flavor Contains Packaging J Item Code NDC:54868-0388-0	COLATE TYPE NII: 15FIX9V2JP istics white OVAL OVAL 10 in 1 BO	Score Size Imprint Code		20 mm AUGMENT		Marketing E	nd Date	
SO DIUM STARCH GL Y TITANIUM DIO XIDE (U) Product Character Color Shape Flavor Contains Packaging I tem Code NDC:54868-0388-0 NDC:54868-0388-1	COLATE TYPE NII: 15FIX9 V2JP istics white OVAL OVAL 10 in 1 BO 20 in 1 BO	A POTATO (UNII: 5856J Sore Size Imprint Code TTLE, PLASTIC		20 mm AUGMENT		Marketing E	nd Date	
SO DIUM STARCH GLY TITANIUM DIO XIDE (U) Product Character Color Shape Flavor Contains Packaging I tem Code NDC:54868-0388-0 NDC:54868-0388-1 NDC:54868-0388-2	COLATE TYPE NII: 15FIX9 V2JP istics white OV→L OV→L 10 in 1 BO 20 in 1 BO 15 in 1 BO	A POTATO (UNII: 5856J Score Size Imprint Code TTLE, PLASTIC TTLE, PLASTIC TTLE, PLASTIC		20 mm AUGMENT		Marketing E	nd Date	
SO DIUM STARCH GLY TITANIUM DIO XIDE (U) Product Character Color Shape Flavor Contains Packaging # Item Code 1 NDC:54868-0388-0 2 NDC:54868-0388-1	COLATE TYPE NII: 15FIX9 V2JP istics white OVAL OVAL 10 in 1 BO 20 in 1 BO	A POTATO (UNII: 5856J Score Size Imprint Code TTLE, PLASTIC TTLE, PLASTIC TTLE, PLASTIC		20 mm AUGMENT		Marketing E	nd Date	
SODIUM STARCH GLY TITANIUM DIO XIDE (U) Product Character Color Shap e Flavor Contains Kashing Kashin	COLATE TYPE NII: 15FIX9 V2JP istics white OVAL OVAL 10 in 1 BO 20 in 1 BO 15 in 1 BO 30 in 1 BO	A POTATO (UNII: 5856J Score Size Imprint Code TTLE, PLASTIC TTLE, PLASTIC TTLE, PLASTIC		20 mm AUGMENT		Marketing E	nd Date	
TITANIUM DIO XIDE (U Product Character Color Shape Flavor Contains Packaging # Item Code 1 NDC:54868-0388-0 2 NDC:54868-0388-1 3 NDC:54868-0388-2 4 NDC:54868-0388-4	COLATE TYPE NII: 15FIX9 V2JP; white OVAL 0VAL 10 in 1 BO 20 in 1 BO 30 in 1 BO	Sore Size Imprint Code TTLE, PLASTIC TTLE, PLASTIC TTLE, PLASTIC TTLE, PLASTIC	Marketi	20mm AUGMENT	ate M			
SO DIUM STARCH GLY TITANIUM DIO XIDE (U Olor Shap e Flavor Contains	COLATE TYPE NII: 15FIX9 V2JP; white OVAL 0VAL 10 in 1 BO 20 in 1 BO 30 in 1 BO	A POTATO (UNII: 5856J Score Size Imprint Code TTLE, PLASTIC TTLE, PLASTIC TTLE, PLASTIC	Marketi	20mm AUGMENT			nd Date g End Date	

AUGMENTIN

amoxicillin and clavulante potassium tablet

I Touuct IIIo	rmation						
Product Type		HUMAN PRESCRIPTION DRUG	Item Code (Source)		NDC:54868-3903(6086)	(NDC:0029-	
Route of Admin	listration	ORAL					
Active Ingree	dient/Active	Moiety					
Ingredient Name					Basis of Streng	th Strengt	
AMOXICILLIN (UNII: 804826J2HU) (AMOXICILLIN ANHYDROUS - UNII:9			- UNII:9 EM0 5410 Q	9) AM	IOXICILLIN	875 mg	
CLAVULANATE UNII:23521W1S24		JNII: Q42OMW3AT8) (CLAVULAN	NIC ACID -		AVULANATE TASSIUM	125 mg	
Inactive Ingr	edients						
		Ingredient Name	!			Strength	
SILICON DIO XII	DE (UNII: ETJ7Z	5XBU4)					
HYPROMELLOS							
MAGNESIUM ST							
CELLII OSE M	ICRO CRYSTAL	LINE (UNII: OP1R32D61U)					
CLLLOLOSL, MI							
		II: 3WJQ0SDW1A)					
POLYETHYLEN SODIUM STARC	E GLYCOL (UN H GLYCOLATI	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3	3G2A2)				
POLYETHYLEN	E GLYCOL (UN H GLYCOLATI	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3	3G2A2)				
POLYETHYLEN SODIUM STARC TITANIUM DIOX	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3	3G2A2)				
POLYETHYLEN SODIUM STARC TITANIUM DIOX	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3	3G2A2) Score		2 pieces		
POLYETHYLEN SODIUM STARC TITANIUM DIO X Product Chai	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX racteristics white	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3			2 pieces 22mm		
POLYETHYLEN SODIUM STARC TITANIUM DIO X Product Cha i Color	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX racteristics white	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3 (9V2JP)	Score	le		875	
POLYETHYLEN SODIUM STARC TITANIUM DIOX Product Char Color Shape	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX racteristics white	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3 (9V2JP)	Score Size	le	22mm	875	
POLYETHYLEN SODIUM STARC TITANIUM DIOX Product Chai Color Shape Flavor	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX racteristics white	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3 (9V2JP)	Score Size	1e	22mm	875	
POLYETHYLEN SODIUM STARC TITANIUM DIO X Product Chai Color Shape Flavor Contains Packaging	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX racteristics white FREEFORM (C	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3 (9V2JP)	Score Size		22mm AUGMENTIN;	875 ng End Date	
POLYETHYLEN SODIUM STARC TITANIUM DIO X Product Chan Color Shape Flavor Contains Packaging # Item C 1 NDC:54868-39	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX white FREEFORM (C 60 de 610 03-0 10 i	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3 (9V2JP) Capsule-shaped)	Score Size Imprint Coc		22mm AUGMENTIN;		
POLYETHYLEN SODIUM STARC TITANIUM DIO X Product Chan Color Shape Flavor Contains Packaging # Item C 1 NDC:54868-39	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX white FREEFORM (C 60 de (10 i	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3 (9V2JP) Capsule-shaped) Package Description	Score Size Imprint Coc		22mm AUGMENTIN;		
POLYETHYLEN SODIUM STARC TITANIUM DIO X Product Chan Color Shape Flavor Contains Packaging # Item C 1 NDC:54868-39 2 NDC:54868-39	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX white FREEFORT (C 50 de 10 i 03-0 10 i	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3 (9V2JP) Capsule-shaped) Package Description In 1 BOTTLE, PLASTIC	Score Size Imprint Coc		22mm AUGMENTIN;		
POLYETHYLEN SOJUM STARC TITANIUM DIO X Product Chan Color Shape FIavor Contains X X X X X X X X X X X X	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15 FX white FREEFORM (C 6 de 103-0 10 i 03-1 20 15 i	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3 (9V2JP) Capsule-shaped) Package Description in 1 BOTTLE, PLASTIC in 1 BOTTLE	Score Size Imprint Coc		22mm AUGMENTIN;		
POLYETHYLEN SODIUM STARC TITANIUM DIO X Product Chan Color Shape Flavor Contains Packaging	E GLYCOL (UN H GLYCOLATI XIDE (UNII: 15FIX white FREEFORM (0 3-0 10 1 03-0 10 1 03-1 0 1 03-3 3 3 3	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3 S9V2JP) Capsule-shaped) Package Description in 1 BOTTLE, PLASTIC in 1 BOTTLE, PLASTIC in 1 BOTTLE, PLASTIC in 1 BOTTLE, PLASTIC	Score Size Imprint Coc		22mm AUGMENTIN;		
POLYETHYLEN SODIUM STARC TITANIUM DIOX Color Shape Flavor Contains Packaging # Item C 1 NDC:54868-39 2 NDC:54868-39 3 NDC:54868-39	E GLYCOL (UN H GLYCOLATI KIDE (UNII: 15FIX white FREEFORM (C 3.0 L 0.3-0 10 i 0.3-1 20 1 0.3-2 15 i 0.3-3 30 1	II: 3WJQ0SDW1A) E TYPE A POTATO (UNII: 5856J3 S9V2JP) Capsule-shaped) Package Description in 1 BOTTLE, PLASTIC in 1 BOTTLE, PLASTIC in 1 BOTTLE, PLASTIC in 1 BOTTLE, PLASTIC	Score Size Imprint Coo Marketing St	art Date	22mm AUGMENTIN; Marketin		

Labeler - Physicians Total Care, Inc. (194123980)

Establishment						
Name	Address	ID/FEI	Business Operations			
Physicians Total Care, Inc.		194123980	relabel, repack			

Revised: 11/2010

Physicians Total Care, Inc.