

## Septra Suspension advertisement.

[s.l.]: [s.n.], 1982

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When acute otitis media demands decisive action  
**SEPTRA® SUSPENSION**  
(trimethoprim-sulfamethoxazole) b.i.d.



... works decisively against *S. pneumoniae*, *H. influenzae*, and ampicillin/amoxicillin-resistant *H. influenzae*. The components of SEPTRA (trimethoprim-sulfamethoxazole) concentrate in middle ear fluid at levels which exceed the minimum inhibitory concentrations of *Streptococcus pneumoniae* and *Haemophilus influenzae*, the two most common causative organisms in otitis media.<sup>1</sup> Plus, your patients get the extra advantages of a low incidence of serious side effects,<sup>2</sup> a great cherry flavor, and b.i.d. dosage regimen.

Please see adjacent page for prescribing information.



**Burroughs Wellcome Co.**  
Research Triangle Park  
North Carolina 27709



# In children with acute otitis media **SEPTRA® SUSPENSION**

(trimethoprim-sulfamethoxazole) b.i.d.  
**works decisively**

**Indications and Usage:** For the treatment of urinary tract infections due to susceptible strains of the following organisms: *Escherichia coli*, *Klebsiella-Enterobacter*, *Proteus mirabilis*, *Proteus vulgaris*, *Proteus morganii*. It is recommended that initial episodes of uncomplicated urinary tract infections be treated with a single effective antibacterial agent rather than the combination. *Note:* The increasing frequency of resistant organisms limits the usefulness of all antibacterials, especially in these urinary tract infections.

For acute otitis media in children due to susceptible strains of *Haemophilus influenzae* or *Streptococcus pneumoniae* when in physician's judgment it offers an advantage over other antimicrobials. To date, there are limited data on the safety of repeated use of Septra in children under two years of age. Septra is not indicated for prophylactic or prolonged administration in otitis media at any age. For acute exacerbations of chronic bronchitis in adults due to susceptible strains of *Haemophilus influenzae* or *Streptococcus pneumoniae* when in physician's judgment it offers an advantage over a single antimicrobial agent.

For enteritis due to susceptible strains of *Shigella flexneri* and *Shigella sonnei* when antibacterial therapy is indicated.

**Also for treatment of documented *Pneumocystis carinii* pneumonitis.**

**Contraindications:** Hypersensitivity to trimethoprim or sulfonamides; patients with documented megaloblastic anemia due to folate deficiency; pregnancy at term; nursing mothers because sulfonamides are excreted in human milk and may cause kernicterus; infants less than 2 months of age.

**Warnings: SEPTRA SHOULD NOT BE USED TO TREAT STREPTOCOCCAL PHARYNGITIS.**

Clinical studies show that patients with group A  $\beta$ -hemolytic streptococcal tonsillopharyngitis have higher incidence of bacteriologic failure when treated with Septra than do those treated with penicillin. Deaths from hypersensitivity reactions, agranulocytosis, aplastic anemia and other blood dyscrasias have been associated with sulfonamides. Experience with trimethoprim is much more limited but occasional interference with hematopoiesis has been reported as well as an increased incidence of thrombopenia with purpura in elderly patients on certain diuretics, primarily thiazides. Sore throat, fever, pallor, purpura or jaundice may be early signs of serious blood disorders. Frequent CBC's are recommended; therapy should be discontinued if a significantly reduced count of any formed blood element is noted.

**Precautions: General:** Use cautiously in patients with impaired renal or hepatic function, possible folate deficiency, severe allergy or bronchial asthma. In patients with glucose-6-phosphate dehydrogenase deficiency, hemolysis, frequently dose-related, may occur. During therapy, maintain adequate fluid intake and perform frequent urinalyses, with careful microscopic examination, and renal function tests, particularly where there is impaired renal function. Septra may prolong prothrombin time in those receiving warfarin; reassess coagulation time when administering Septra to these patients. **Pregnancy:** Teratogenic Effects: Pregnancy Category C. Because trimethoprim and sulfamethoxazole may interfere with folic acid metabolism, use during pregnancy only if potential benefits justify the potential risk to the fetus.

**Adverse Reactions:** All major reactions to sulfonamides and trimethoprim are included, even if not reported with Septra. **Blood dyscrasias:** Agranulocytosis, aplastic anemia, megaloblastic anemia, thrombopenia, leukopenia, hemolytic anemia, purpura, hypoprothrombinemia and methemoglobinemia. **Allergic reactions:** Erythema multiforme, Stevens-Johnson syndrome, generalized skin eruptions, epidermal necrolysis, urticaria, serum sickness, pruritus, folliculitis, dermatitis, anaphylactoid reactions, periorbital edema, conjunctival and scleral injection, photosensitization, arthralgia and allergic myocarditis. **Gastrointestinal reactions:** Glossitis, stomatitis, nausea, emesis, abdominal pains, hepatitis, diarrhea, pseudomembranous colitis and pancreatitis. **CNS reactions:** Headache, peripheral neuritis, mental depression, convulsions, ataxia, hallucinations, tinnitus, vertigo, insomnia, apathy, fatigue, muscle weakness and nervousness. **Miscellaneous reactions:** Drug fever, chills, toxic nephrosis with oliguria and anuria, periarteritis nodosa and L.E. phenomenon. Due to certain chemical similarities to some goitrogens, diuretics (acetazolamide, thiazides) and oral hypoglycemic agents, sulfonamides have caused rare instances of goiter production, diuresis and hypoglycemia in patients; cross-sensitivity with these agents may exist. In rats, long-term therapy with sulfonamides produced thyroid malignancies.

**Dosage: Not recommended for infants less than two months of age.**

**URINARY TRACT INFECTIONS AND SHIGELLOSIS IN ADULTS AND CHILDREN, AND ACUTE OTITIS MEDIA IN CHILDREN:**

**Adults:** Usual adult dosage for urinary tract infections: 2 tablets (single strength) or 4 teasp. (20 ml) b.i.d. for 10-14 days. Use identical daily dosage for 5 days for shigellosis.

**Children:** Recommended dosage for children with urinary tract infections or acute otitis media: 8 mg/kg trimethoprim and 40 mg/kg sulfamethoxazole per 24 hours, in two divided doses for 10 days. Use identical daily dosage for 5 days for shigellosis.

**For patients with renal impairment:** Use recommended dosage regimen when creatinine clearance is above 30 ml/min. If creatinine clearance is between 15 and 30 ml/min, use one-half the usual regimen. Septra is not recommended if creatinine clearance is below 15 ml/min.

**ACUTE EXACERBATIONS OF CHRONIC BRONCHITIS IN ADULTS:**

Usual adult dosage: 2 tablets (single strength) or 4 teasp. (20 ml) b.i.d. for 14 days.

**PNEUMOCYSTIS CARINII PNEUMONITIS:**

Recommended dosage: 20 mg/kg trimethoprim and 100 mg/kg sulfamethoxazole per 24 hours in equal doses every 6 hours for 14 days. See complete product information for suggested children's dosage table.

**Now Supplied:** TABLETS, containing 80 mg trimethoprim and 400 mg sulfamethoxazole — bottles of 100, 500 and 1000 tablets; unit dose pack of 100.

**ORAL SUSPENSION**, containing the equivalent of 40 mg trimethoprim and 200 mg sulfamethoxazole in each teaspoonful (5 ml), cherry flavored — bottle of 1 pint (473 ml). Unit of Use: bottle of 100 ml with child resistant cap.

Also available in double strength, oval-shaped, pink, scored tablets containing 160 mg trimethoprim and 300 mg sulfamethoxazole — bottles of 100 and 250, unit dose pack of 100 and COMPLIANCE™ Pak of 20.

## References:

Krause PJ, Owens NJ, Nightingale CH, et al: Penetration of amoxicillin, cefaclor, erythromycin-sulfisoxazole, and trimethoprim-sulfamethoxazole into the middle ear fluid of patients with chronic serous otitis media. *J Infect Dis* 145:815-821, 1982.

Data on file, Burroughs Wellcome Co.



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