## Vibramycin' (doxycycline)

Description: Vibramycin (daxycycline) is a new broad-spectrum onti-blatic synthetically derived from methocycline, available as Vibramycin Monohydrate (daxycycline manohydrate) and Vibramycin Hyddra (daxycycline hydrochloride hemiethenolable hemishydrate). The chemical designation of this tight-yellow crystalline powder is ad-deaxy5-axy-atracycline. Vibramycin (daxycycline) possesses the following useful properties not observed with previously available tetracyclines: its greater absorption from the gastroidestinal tract and its copobility for once-odey maintenance dosage.

once-a-day maintenance dosage.

Actions: Vibramycin (dosycycline) is a broad-spectrum antibiotic and has been shown to be active in vitro against both gram-positive and gram-regative organisms. In vivo animal protection studies (POsq) in mice and extensive dirical use in man have verified that Vibramycin (dosycycline) is a potent and effective antibiotic.

Vibramycin (dosycycline) and the retraction of protection studies of in vivo antibocerion (activity), Because of these factors, therepositic effectiveness can be achieved by once-a-day maintenance dosage. Vibramycin (dosycycline) in theropeutic doses, given once daily, will produce serum calvity suculy persisting for 24 to 36 hours after discontinuation of theraps.

Vibramycin (dosycycline) has been administered to 60 normal volonieers for 70 days at a dose of 200 mg/day without evidence of increased toxicity.

Studies reported to date indicate that the obsorption of Vibromycin Cotte.

created toxicity.

Studies reported to date indicate that the absorption of Yibramycin (doxycycline) is not notably influenced by the ingestion of food or milk, which do impair the absorption of certain other tetracyclines.

Animal Pharmacology: As with other tetracyclines, at dass greater than these recommended for human seage, Vibramynic (davysychia) produced descoloration of the first through glands. Coreful monitoring of animals and human sha disclosed no abundant for the production of the studies. Also, as with other tetracyclines, or tetracyclines, are clientively high oral dasse, evidence in high production of the prod

studies, Aiso, as with other tetracyclines, or relatively high oral doses, evidence of hepototoxicity hos been noted in dogs and signs of gastro-intestinal intolerance have been seen in both dags and mankeys.

Indications: Whomayon (doxycyrling) has been found claincally effective in the treatment of a variety of infections caused by susceptible strains of gram-positive bacteria.

Pneumenta: Single and multilobe pneumonia and branchopseemonia due to susceptible strains of gram-mopality bacteria.

Pneumenta: Single and multilobe pneumonia and branchopseemonia due to susceptible strains of Pneumocaccus. Straphylococcus, H. Influenzae, and Klebsiello pneumoniae.

Other Respicatory Tracts Infections: Pharyngitis, tonsillitis, aitits media branchitis and sinustis caused by susceptible strains of β-hemolytic Straphylococcus, Pneumococcus, and H. Influenzae.

Genitoorinary Tract Infections: Pharyngitis, tonsillitis, aitits media branchitis caused by susceptible strains of β-hemolytic Straphylococcus, pneumococcus, and H. Influenzae.

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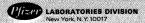
Genitoorinary Tract Infections: Preumococcus, and H. Influenzae.

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Godovychinej and adose of 100 mg, i.i.d. for single day, but highest cure rates, wars achieved by a dose of 30 to 100 mg, b.i.d. for two to four days. Adult Hamales with acute genorheal Infections may require more extended therapy.

Self-Tissue Infections: Impetige, furunculosis, cellulitis, abscess, infected troumaic and postoperative wounds, paranychia caused by susceptible strains of Singhylococcus, and this cute genorement of infections, indicatoral surgical pracedures should be carried out in conjunction with Vibramycin (doxycycline) is a mamber of the terrocytine series of minibiotics, if may be expected to be estell in the recordine retions of the control out in conjunction w

Contraindications: This drug is contraindicated in individuals who have shown hypersensitivity to it.



## **Product Information**

Warnings: If renol impairment exists, evan usual doses any lead to excessive systemic accumulation of the drug and possible hepptic toxicity. Under such conditions, tower than usual doses are indicated and if treatment is prolonged, Vibramycin (doxycycline) serum level determinations may be advisable.

As with order tetracyclines, Vibramycin (doxycycline) may form a stoble calcium complex in any bona-dorming fisuse, though in without indicate the control of the contr

ment should be discontinued of first evidence of skin discomfort.

Precautions: The use of antibiotics may occasionally result in overgrowth of nonsusceptible organisms. Constant observation of the patient is essential. If a resistant infection appears, the antibiotic should be discontinued and appropriate therapy instituted.

When treating generated in which lesions of primary or secondary sphills are suspected, proper diagnostic procedures, including darfield examinations, should be utilized. In all cases in which concenitant sphills is suspected, monthly serological tests should be made for at least four months.

feast four months.

Adverse Reactions: Nousea, vomiting, diarrhea, vaginitis, and demotifis, as well as reactions of an allergic nature, may occur but are rare. Glassifis, stomatilis, proxilitie, onlyoblysis and discolaration of the mails may marely occur during lettrecycline therapy as with other anti-biotics. If severe adverse reactions, individual idiosyncrosy, or allergy occur, discontinue medication.

As with other tetracyclines, slevation of SQOT or SQPT values, neared incurreporation, assimptiving on the significance of which is not known at this time.

neutropenia, acisinophilia or eleviced BUN have been reported; he significance of which is not known at this time.

Dosager. The usual dose of Vibromyrin (doxycycline) is 200 mg, on the first day of treatment (administered 100 mg, every 12 hours) followed by a maintenance dose of 100 mg/doy. The maintenance dose may be administered are a single dose, or as 50 mg, every 12 hours, in the management of more severe infections (particularly chronic infections of the uninary tract), 100 mg, every 12 hours is recommended dosage schedule for children weighing 100 pounds or less it x mg/lb. of body weight divided into two doses on the first day of treatment, followed by 1 mg/lb. of hody weight given as a single daily dose or divided into two doses, on the first day of treatment, followed by 1 mg/lb. of hody weight given as a single daily dose or divided into two doses, on the sold. For more severe infections up to 2 mg/lb, of body weight may be used. For children over 100 lbs. the usual dould dose about be used.

Therapy should be continued beyond the time that symploms and fever have solutided. It should be noted, however, that effective and bacterial levels are soundly present 24 to 36 hours following discontinuation of Vibramyrin (doxycycline). When used in atepatococci infections, therapy should be continued for 10 days to prevent the development of rheumotic fewer or glomerulonephrilis.

Studies reported to date indicate that the absorption of Vibramyrin (doxycycline), unlike certain of food or milk.

Simultaneous administration of duminium hydroxide gel given with lettecycline antibiotics including Vibramyrin (doxycycline) has been shown to decrease absorption.

Supply: Vibramych Hydise (doxycycline hydise) is ovaliable as capsules containing doxycycline hydise equivalent to 50 mg, of doxycycline bottles of 50. Vibramych Monohydrale (doxycycline monohydrale) is available as a dry powder for ard suspension containing, when reconstituted, doxycycline monohydrale equivalent to 25 mg, of doxycycline/5 cc. (such baspoonful), with a pleasant-tosting, respherry flavor. 2 oz. battles.

Issued September 1967