INFECTION CONTROLAND

HOSPITAL EPIDEMIOLOGY

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Duplicate Publication of a Manuscript341Richard P. Wenzel, MD, MSc;Dennis G. Maki, MD; Sue Crow, MSN, RN, CIC;William Schaffner, MD; John E. McGowan, Jr., MD

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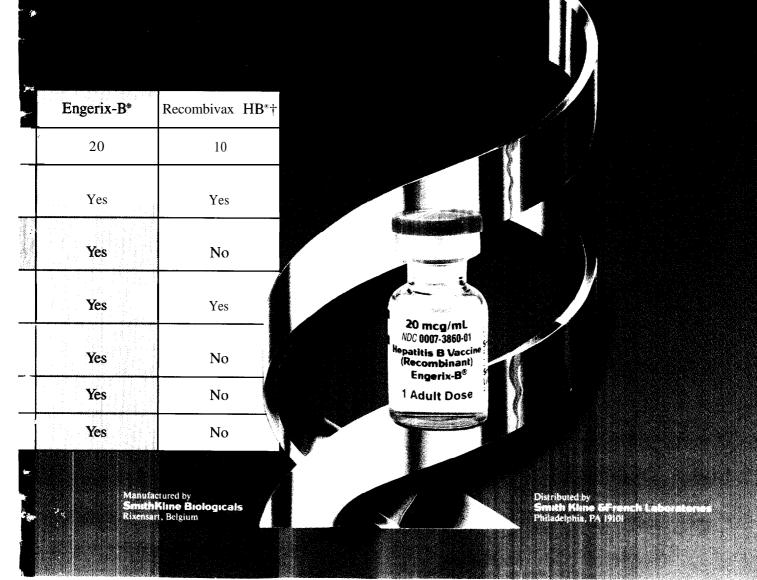
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INDICATIONS AND USAGE: 'Engerix'B' is indicated for immunization against infection caused by all known subtypes of hepatitis B vrus Immuni zation is recommended in persons of all ages, especially those who are or will be, al increased risk of exposure to hepatitis EI vrus

CONTRAINDICATIONS: Hypersensitivity to yeast or any other component of the vaccine is a contraindication for use of the vaccine

WARNINGS: Do not give additional injections to patients experiencing hypersensitivity alter an 'Engerix-B' injection. (See CONTRAINDICATIONS.)

Hepatitis B has a long incubation period Hepatitis B vaccination may not prevent hepatitis B infection in individuals who had a unrecognized hepatitis B infection at the time of vaccine administration Additionally, if may not prevent infection in individuals who do not achieve protective antibody titers

PRECAUTIONS: General: As with any percutaneous vaccme, keep epinephrine available for use in case of anaphylaxis or anaphylactoid reaction.

As with any vaccme, delay administration, if possible, in persons with any lebrile illness or active infection.

Prepanacy: Pregnancy Category C Animal reproduction studies have not been conducted with Engerix B' It's also not known whether 'Engerix B' an cause letal harm when administered to a pregnant woman or can affect reproduction capacity Give Engens B' to a pregnant woman only if clearly needed Nursing Mothers: It is not known whether 'Engerix B' is excreted in human

Nursing Mothers: It is not known whether 'Engenx's' is excreted in human milk Because many drugs are excreted in human milk, use Caution when giving 'Engerix-B' to a nursing woman

Pediatric Use: 'Engerix-B' has been shown to be well tolerated and highly immunogenic in initiants and children of all ages Newborns also respond well, maternally transferred antibodies do not interfere with the active immune response to the vaccine

ADVERSE REACTIONS: Engerix B' is generally well tolerated During clinical studies involving over 10 000 individuals distributed over all age groups, no senous adverse reactions attributable to vacone administration were reported As with any vacone, however, it is possible that expanded Commer cal use of the vaccine could weal rare adverse reactions not observed in clinical studies

Ten double-blind studies involving 2.252 subjects showed no significant difference in the frequency or severity of adverse expenences between 'Engerix B' and plasma-dewed vaccines in 36 clinical studies a total of 13.495 does of 'Engerix B' were administered to 5011 healthy adults and children who were initially seronegative for hepatitis B markers! and healthy neonates. All subjects were monitored for 4 days post administration frequency of adverse experiences tended to decrease with successive doese of 'Engerix-B' Using a symptom checklist,' the most frequently reported adverse reactions were injection site soreness (22%), and laligue'' (14%) Other reactions are listed below

Incidence 1% to 10% of Injections: Inducation; erythema; swelling, fever (> 37.5%): headache', dizziness *

Parent or guardian completed forms for children and neonales Neonatal checklist did not include headache, faligue or dizziness

Incidence < 1% of Injections: P a m: pruritus; ecchymosis; sweating; malaise; chills; weakness, flushing, lingling: hypotension; influenza-like symp toms; upper respiratory tract illnesses; nausea, anorexia, abdominal pair/l cramps; vomiting; constipation, diarrhea, lymphadenopathy; pain/stiffness in m; shoulder or neck, arthragia; myaligia; back pair, rash, urticaria; pelechiae; erythema; somnolence. insomnia; irritability; agitation

Lines, et yuitaria, sommolence, insomma, unitability; agriation Additional adverse expenences have been reported with the commercial use of 'Engers' Bo outside the United States Those listed below are to serve as alerting information to physicians. Anaphylaxis; erythema multiforme includm g. Stevens Johnson syndrome; angioedema, arthritis; tachycardia/palpitations; borochospasm including asthma-like symptoms, abnormal liver function; toonchospasm including asthma-like symptoms, abnormal liver function; toonchospasm, exprope; paresis; neuropathy including hypoesthesia, paresthesia, Guillain-Barté syndrome and Bell's pairs, transverse myelitis; thrombocytopenia; eczema; purpura; herpes zoster; verligo; conjunctivitis; keratitis; visual disturbances

Potential Adverse Experiences In addition, certain other adverse experiences not observed with "Engerix.B" have been reported with Heptavax.B®+ and/or Recombivax.HB® ‡ Those listed below are to serve as alterting information to physicians Optic neuritis

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References:

1. Povorawan Y, Sanpavat S, Pongpunlert W, et al: Protective efficacy of a recombinant DNA hepatitis B vaccine in neonates of HBe antigen-positive mothers. JAMA 1989; 261(22):3278-3281. 2 Based on Medi-Span^{*} Hospital Formulary Pricing Guide, December 1989. 3. Data on file, SK&F. 4. Bush L, Moonsammy G, Boscia J: Evaluation of initiating a hepatitis B vaccination schedule with one vaccine and completing it with another. Hepatology 1989;10:689.

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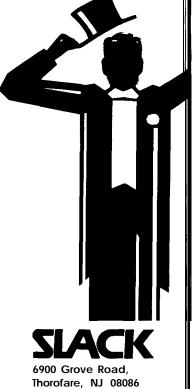
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