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# 



Choice of dosing regimens

Alternate 0,1,2 month dosing regimen for certain populations\*

20 mcg recombinant dose

Helps to ensure immune response in adult patients of all ages

	Engerix-B®	Recombivax HB®†
Adult dose (mcg)	20	10
Standard dosing regimen (0, 1 and 6 months)	<b>√</b>	<b>✓</b>
Alternate 0, 1, 2 month dosing regimen for certain populations*	1	
Published efficacy data: Neonates born of'infected mothers'	✓	<b>✓</b>
VACTRAC TM-computer software for vaccination tracking and compliance	1	
Bar-coded, unit-dose vials	✓ The tarms of use	

Down

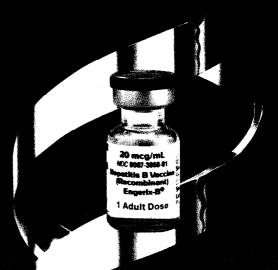
# **Lowest Cost Per Dose**

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State-of-the-art recombinant technology
14 million doses distributed in over 87 countries

Switch to Engerix-B

Can be used to complete a course of vaccination initiated with another hepatitis B vaccine<sup>34</sup>



†Hepatitis B Vaccine (Recombinant), MSD. ‡Please see brief summary of prescribing information on adjacent page for a complete listing of adverse reactions, contraindications, warnings and precautions.

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# Engerix-B®

Hepatitis B Vaccine (Recombinant)

See complete prescribing information in SmithKline Bescham Pharmaceuticals literature or PDR. The following is a brief summary.

INDICATIONS AND USAGE: 'Engerix-B' is indicated for immunization against infection caused by all known subtype of hepatitis B virus. Immunization is recommended in persons of all ages, especially those who are, or will be, at increased risk of exposure to hepatitis B wirus.

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 ex-periencing hypersensitivity after 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 an unrecognized hepatitis B infection at the time of vaccine administration. Additionally, it may not prevent infection in individuals who do not achieve protective antibody titers.

PRECAUTIONS: General: As with any percutaneous vac-cine, keep epinephrine available for uss in case of anaphy-laxis or anaphylactoid reaction.

As with any vaccine. delay administration, if possible, in persons with any febrile illness or active infection.

Prognancy: Pregnancy Category C: Animal reproduction studies have not been conducted with 'Engerix-B'. It is also not known whether 'Engerix-B' can cause fetal harm when administered to a pregnant woman or can affect reproduction capacity. Give 'Engerix-B' to a pregnant woman only if clearly needed.

Nursing Mothers: It is not known whether 'Engerix-B' is excreted in human milk. Because many drugs are excreted in human milk, use caution when giving 'Engerix-B' to a nursing verner.

Pediatric Use: 'Engerix-B' has been shown to be well tolerated and highly immunogenic in infants 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 10,030 individuals distributed over all age groups. no serious adverse reactions attributable to vaccine administration were reported. As with any vaccine, however, it is possible that expanded commercial use of the vaccine could reveal rare adverse reactions not observed in clinical studies.

actions not **observed** in clinical studies.

Ten double-blind studies involving 2,262 subjects showed no significant difference in the frequency or sevenity of adverse experiences between 'Engen'x-B' and plasmaderived Vaccines. In 36 clinical studies a total of 13,495 doses of 'Engerix-B' were administered to 5,071 healthy adults and children who were initially seronegative for healthy adults and children who were initially seronegative for healthy neonates. All subjects were monitored for 4 days post-administration. Frequency of adverse experiences tended to decrease with successive doses of 'Engerix-B'. Using a symptom checklist.' the most frequently reported adverse reactions were injection site soreness (22%). and fatigue' (14%). Other reactions are listed below:

Incidence 19th to 19% of Injections: Induration; erythema; swelling; fever (> 37.5°C); headache; dizziness. Parent or guardian completed forms for children and neonates. Heonatal checkfist did not include headache; fatigue

or dizziness.

Incidence < 1% of injections; Pain; pruritus; ecchymosis; sweating; malaise; chills; weakness; flushing; tingling; hypotension; influenza-like symptoms; upper respiratory tract illnesses; nausea; anorexia; abdominal pain/cramps; vomiting; constipation; diarrhea; lymphadenopathy; pain/stiffness in arm, shoulder or neck; arthralgia; myalgia; back pain; rash; urticaria; petechiae; erythema; somnolence; insomnia: irritability; aqitation.

irritability; agitation.

Additional actverse experiences have been reported with the commercial use of 'Engerix-B' outside the United States. Those listed below are to serve as alerting information to physicians: Anaphylaxis; erythema multiforme including Stevens-Johnson syndrome; angioedema; arthritis; tachy-cardia/palpitations; bronchospasm including asthma-like symptoms; abnormal liver function tests; migraine; syncope; paresits; neuropathy including hypoesthesia, paresthesia. Guillain-Barré syndrome and Bell's palsy; transverse myelitis; thrombocytopenia; eczema; purpura; herpes zoster; vertigo; conjunctivitis; keratitis; visual disturbances.

Potential Adverse Experiences: In addition, certain other adverse experiences not observed with 'Engerix-B' have been reported with 'Heptavax-B®1 and/or Recombivax HB®.‡ Those listed below are to serve as alerting information to physicians: Optic neuritis.

HOW SUPPLIED: 20 mcg/mL in Single-Dose Vials in packages of 1.10 and 25 vials.

NDC 5916086041 (package of 1) NDC 58160-860-11(package of 10) NDC 58160-860-16 (package of 25)

10 mcg/0.5 mL in Single-Dose Vials in packages of 1 vial. NDC 58160-859-01 (package of 1)

†plasma-derived, Hepatitis B Vaccine, MSD. †yeast-derived, Hepatitis B Vaccine, MSD. Manufactured by **SmithKilne** loloalcals, Rixensart,

Belgium Bistibuted by **SmithKline** aecham **Pharmaceuticals**, Philadelphia, PA19101 **Date of** issuance Sept. **1990** 

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1. Poovorawan Y, Sanpavat S, Pongpuniert 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 1990. 3. Data on file, SmithKline Beecham Pharmaceuticals. 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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Summer camps are just one way MDA serves patients with neuromuscular diseases. The Association also maintains some 230 clinics around the country to provide essential services like diagnosis, medical follow-up, physical therapy and counseling. And MDA provides orthopedic equipment and other aids for daily living, all free of charge to the patient and his family.

MDA receives no government grants or fees for services - its programs are funded entirely by private donations. For thousands of patients with neuromuscular diseases, you can be the best medicine. Please send a tax-deductible contribution today.



Muscular Dystrophy Association Jerry Lewis, National Chairman

To make a donation or bequest to MDA, to receive an annual report or to obtain more information, write to: Muscular Dystrophy Association, 810 Seventh Avenue, New York, NY 10019. Or contact your local MDA office.

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PUBLISHER: Infection Control and Hospital Epidemiology (ISSN-0899-823X) is published exclusively by SLACK Incorporated 12 times a year. Address: 6900 Grove Rd., Thorofare, NJ 080%. Telephone: (609) 848-1000.

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As of Volume 1. Number 1, INFECTION CONTROL AND HOSPITAL EPIDEMIOLOGY is listed in Index Medicus, Current Contents-Clinical Practice, Hospital Literature Index. Cumulative Index to Nursing and Allied Health Literature, and Nursing Abstracts.

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