

Side Effects From Hep A And B Vaccine

Claims of vaccine injuries appeared in litigation in the United States in the latter part of the 20th century. Some families have won substantial awards from sympathetic juries, even though many public health officials have said that the claims of injuries are unfounded. In response, several vaccine makers stopped... 90e5ccca74 Routine Twinrix vaccination is administered by intramuscular injection in the deltoid area using a schedule of three separate doses at 0, 1, and 6 months ([minimum intervals: 4 weeks between doses 1 and 2, 5 months between doses 2 and 3]). In some circumstances, an accelerated dosing schedule of 0, 7 and 21 to 30 days followed... 90e5ccca74

Hepatitis A and B vaccine It is given by injection into muscle. combined vaccine is as safe and protective as if given as separate hepatitis A and B vaccines. Common side effects are mild Combined hepatitis A and B vaccine, is used to provide protection against hepatitis A and hepatitis B. It is generally well-tolerated 90e5ccca74

The administration of vaccines is called vaccination. Vaccination is the most effective method of preventing infectious diseases; widespread immunity due to vaccination is largely responsible for the worldwide eradication of smallpox and the restriction of diseases such as polio, measles, and tetanus from much... 90e5ccca74 COVID-19 vaccines were developed at an unprecedented pace to tackle the COVID-19 pandemic, with the first clinical trials beginning in March 2020. Before approval, vaccines underwent the standard three phases of clinical trials, although phases were conducted in parallel to accelerate development. Vaccines have been developed based on both classical technologies (using inactivated virus or protein subunit) and novel platforms (mRNA or viral vector-based). 90e5ccca74 Prior research on coronaviruses causing severe acute respiratory syndrome (SARS) and Middle East respiratory syndrome (MERS) accelerated the development of various vaccine platforms in early 2020. The 2023 Nobel Prize in Physiology or Medicine was awarded to Katalin Karikó and Drew Weissman for the development of effective mRNA vaccines against COVID-19. 90e5ccca74 The acellular vaccines are more commonly used in the developed world due to fewer adverse effects. Between 10 and 50% of people given the whole-cell vaccines develop redness at the... 90e5ccca74

Hepatitis B vaccine It is also recommended that health-care workers be vaccinated. In healthy people, routine immunization results in more than 95% of people being protected. Serious side effects from the hepatitis B vaccine are very uncommon. Pain may occur at the site of injection Hepatitis B vaccine is a vaccine that prevents hepatitis B. The vaccine is also recommended to premature infants and people with poor immune function such as from HIV/AIDS. vaccine is given by injection into a muscle. The first dose is recommended within 24 hours of birth with either two or three more doses given after that 90e5ccca74

Vaccines can be prophylactic (to prevent or alleviate the effects of a future infection by a natural or "wild" pathogen), or therapeutic (to fight a disease that has already occurred, such as cancer). Some vaccines offer full sterilizing immunity, in which infection is prevented. 90e5ccca74 Meningococcal vaccines are generally safe. Some people develop... 90e5ccca74

Diphtheria vaccine vaccine is very safe. Significant side effects are rare. The first dose is recommended at six weeks of age with two additional doses four weeks apart, after which it is about 95% effective during childhood. Its use resulted in a more than 90% decrease in the number of cases globally between 1980 and 2000. Three further doses are recommended during childhood. A bump may form at the site of injection that lasts a few Diphtheria vaccine is a toxoid vaccine against diphtheria, an illness caused by *Corynebacterium diphtheriae*. Pain may occur at the injection site. It is unclear if further doses later in life are needed 90e5ccca74

Meningococcal vaccine They result in a decrease in meningitis and sepsis among populations where they are widely used. Different versions are effective against some or all of the following types of meningococcus: A, B, C, W-135, and Y. They result in a decrease in meningitis and sepsis Meningococcal vaccine refers to any vaccine used to prevent infection by *Neisseria meningitidis*. They are given either by injection into a muscle or just under the skin. meningococcus: A, B, C, W-135, and Y. The vaccines are between 85 and 100% effective for at least two years. The vaccines are between 85 and 100% effective for at least two years 90e5ccca74

DTwP-HepB-Hib vaccine DTwP-HepB-Hib vaccine is a 5-in-1 combination vaccine with five individual vaccines conjugated into one. It protects against diphtheria, tetanus, whooping DTwP-HepB-Hib vaccine is a 5-in-1 combination vaccine with five individual vaccines conjugated into one. It protects against diphtheria, tetanus, whooping cough, hepatitis B and *Haemophilus influenzae* type B, which is generally used in middle- and low-income countries, where polio vaccine is given separately 90e5ccca74

Vaccinating the mother during pregnancy may protect the baby. The World Health Organization and the US Centers for Disease Control and Prevention recommend all children be vaccinated for pertussis and that it be included in routine vaccinations. Three doses starting at six weeks of age are typically recommended in young children. Additional doses may be given to older children and adults. This recommendation includes people who have HIV/AIDS. 90e5ccca74 It is widely available. 90e5ccca74 Most vaccine adverse events are mild. Serious injuries and deaths caused by vaccines are very rare, and the

idea that severe events are common has been classed as a "common misconception about immunization" by the WHO. Some claimed vaccine injuries are not, in fact, caused by vaccines; for example, there is a subculture of advocates who attribute their children's autism to vaccine injury, despite the fact that vaccines do not cause autism. 90e5ccca74 It is used in areas where hepatitis A and B are endemic, for travelers, people with hepatitis C or chronic liver disease, and those at high risk of sexually transmitted diseases. 90e5ccca74 == Safety == 90e5ccca74

COVID-19 vaccine Common side effects of COVID-19 vaccines include A COVID-19 vaccine is designed to induce immunity against SARS-CoV-2, the virus responsible for coronavirus disease 2019 (COVID-19). immunity from the vaccines also wanes over time, requiring people to get boosters to maintain protection. COVID-19 vaccines help reduce the risk of severe illness, hospitalization and death from the virus 90e5ccca74

Serious side effects from the hepatitis B vaccine are very uncommon. Pain may occur at the site of injection. It is safe for use during pregnancy or while breastfeeding. It has not been linked to Guillain-Barré syndrome. Hepatitis B vaccines are produced with recombinant DNA techniques and contain immunologic adjuvant. They are available both by themselves and in combination... 90e5ccca74 The diphtheria vaccine is delivered in several combinations. Some combinations (Td and DT vaccines) include tetanus vaccine, others (known as DPT vaccine or DTaP vaccine depending on the pertussis antigen used) comes with the tetanus and pertussis vaccines, and still others include additional vaccines such as Hib vaccine, hepatitis B vaccine, or inactivated polio vaccine. The World Health Organization (WHO) has recommended its use since 1974. About 84% of the world... 90e5ccca74 Blood testing to verify that the vaccine has worked is recommended in those at high risk. Additional doses may be needed in people with poor immune function but are not necessary for most people. In those who have been exposed to the hepatitis B virus but not immunized, hepatitis B immune globulin should be given in addition to the vaccine. The vaccine is given by injection into a muscle. 90e5ccca74 The diphtheria vaccine is very safe. Significant side effects are rare. Pain may occur at the injection site. A bump may form at the site of injection that lasts a few weeks. The vaccine is safe in both pregnancy and among those who have a poor immune function. 90e5ccca74 The World Health Organization recommends that countries with a moderate or high rate of disease or with frequent outbreaks should routinely vaccinate. In countries with a low risk of disease, they recommend that high-risk groups should be immunized. In the African meningitis belt efforts to immunize all people between the ages of one and thirty with the meningococcal A conjugate vaccine are ongoing. In Canada and the United States, vaccines against four types of meningococcus (A, C, W, and Y) are recommended routinely for teenagers and others who are at high risk. Saudi Arabia requires vaccination with the quadrivalent vaccine for international travellers to Mecca for Hajj. 90e5ccca74 AEFIs can be related to the vaccine itself (product or quality defects), to the vaccination process (administration error or stress related reactions) or can occur independently from vaccination (coincidental). 90e5ccca74 The combined vaccine is as safe and protective as if given as separate hepatitis A and B vaccines. It is generally well-tolerated. Common side effects are mild and include redness and pain at the injection site, where a small lump may appear. Feeling faint or tired, or a headache may occur. Other side effects include numbness, tingling, rash, bruising, abnormal bleeding such as from the nose or gums, weak muscle or pain. Severe side effects are rare and include an allergic reaction and seizures. 90e5ccca74 == Administration schedule == 90e5ccca74

Pertussis vaccine The whole-cell vaccine is about 78% effective while the acellular vaccine is 71-85% effective. There are two main types: whole-cell vaccines and acellular vaccines. The effectiveness of the vaccines appears to decrease by between 2 and 10% per year after vaccination, with a more rapid decrease with the acellular vaccines. Pertussis vaccine is a vaccine that protects against whooping cough (pertussis). Pertussis vaccine is estimated to have saved over 500,000 lives in 2002. There are two main types: whole-cell vaccines and acellular vaccines. The vaccine is only available in combination with tetanus and diphtheria vaccines (DPT vaccine). The Pertussis vaccine is a vaccine that protects against whooping cough (pertussis) 90e5ccca74

DPT vaccine the DTaP vaccine due to a contraindication. The vaccine components include diphtheria and tetanus toxoids, and either killed whole cells of the bacterium that causes pertussis or pertussis antigens. In this way, the toxoid vaccine generates an immune response which is targeted against the toxin which is produced by the pathogen and causes disease, rather than a vaccine which is targeted against the pathogen itself. The whole cells or antigens will be depicted as either "DTwP" or "DTaP", where the lower-case "w" indicates whole-cell inactivated pertussis and the lower-case "a" stands for "acellular". In the United States, a combined inactivated polio (IPV), DTaP, and hepatitis B DTaP-IPV-HepB vaccine is available The DPT vaccine or DTP vaccine is a class of combination vaccines to protect against three infectious diseases in humans: diphtheria, pertussis (whooping cough), and tetanus (lockjaw). In comparison to alternative vaccine types, such as live attenuated vaccines, the DTP vaccine does not contain any live pathogen, but rather uses inactivated toxoid (and for pertussis, either a dead pathogen or pure antigens) to generate an immune response; therefore, there is not a risk of use in. The term toxoid refers to vaccines which use an inactivated toxin produced by the pathogen which they are targeted against to generate an immune response 90e5ccca74

Vaccine A vaccine is a biological preparation that provides active acquired immunity to a particular infectious or malignant disease. The agent stimulates the immune system to recognize the agent as a threat, destroy it, and recognize further and destroy any of the microorganisms associated with that agent that it may encounter in the future. The safety and effectiveness A vaccine is a biological preparation that provides active acquired immunity to a particular infectious or malignant disease. The safety and effectiveness of vaccines has been widely studied and verified. A vaccine typically contains an agent that resembles a disease-causing microorganism and is often made from weakened or killed forms of the microbe, its toxins, or one of its surface proteins 90e5ccca74

Vaccine adverse event can cause side effects", most side effects are minor, primarily including sore arms or a mild fever. The World Health Organization (WHO) refers to Adverse Events Following Immunization (AEFI). Unlike most medical interventions vaccines are given A vaccine adverse event (VAE), sometimes referred to as a vaccine injury, is an adverse event believed to have been caused by

vaccination 90e5ccca74

Major vaccines include the Pfizer-BioNTech mRNA vaccine, Moderna mRNA vaccine, and the Novavax protein subunit vaccine. With the emergence of new SARS... 90e5ccca74 During studies and tests, the conjugated liquid DTPw-HepB-Hib vaccine was found to have positive safety when given as a booster to young children who have been given a vaccination course with another pentavalent booster that requires a change in constitution and was also found to be adequately immunogenic. 90e5ccca74 By 2013, pentavalent vaccines accounted for 100% of the DTP-containing vaccines procured by UNICEF, which supplies vaccines to a large proportion of the world's children. 90e5ccca74

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