

# Contraindications and Precautions to Routine Childhood Vaccinations BY VACCINE

DTaP ■ Hepatitis A ■ Hepatitis B ■ Hib ■ IPV ■ MMR ■ Pneumococcal conjugate ■ Varicella

## DTaP

### Contraindications:

- Anaphylactic reaction to a prior dose of the vaccine or any of its components
- Encephalopathy within 7 days of a previous dose of DTP or DTaP

### Precautions:

- Moderate or severe acute illness
- Underlying unstable, evolving neurologic disorder
- Any of these conditions within the specified time after a previous dose of DTP or DTaP
  - Fever of  $\geq 40.5^{\circ}\text{C}$  ( $105^{\circ}\text{F}$ ) unexplained by another cause (within 48 hours)
  - Collapse or shocklike state (within 48 hours)
  - Persistent, inconsolable crying lasting  $\geq 3$  hours (within 48 hours)
  - Seizure or convulsion (within 72 hours)
  - Guillian-Barré syndrome (within 6 weeks)

## Hepatitis A

### Contraindications:

- Anaphylactic reaction to a prior dose of the vaccine or any of its components (e.g., 2-phenoxyethanol, Alum)

### Precautions:

- Moderate or severe acute illness

## Hepatitis B

### Contraindications:

- Anaphylactic reaction to a prior dose of the vaccine or any of its components (e.g., baker's yeast)

### Precautions:

- Moderate or severe acute illness

## HIB

### Contraindications:

- Anaphylactic reaction to a prior dose of the vaccine or any of its components

### Precautions:

- Moderate or severe acute illness

## IPV

### Contraindications:

- Anaphylactic reaction to a prior dose of the vaccine or any of its components (e.g., neomycin, streptomycin, polymyxin B)

### Precautions:

- Moderate or severe acute illness
- Pregnancy<sup>1</sup>

## Pneumococcal Conjugate

### Contraindications:

- Anaphylactic reaction to a prior dose of the vaccine or any of its components

### Precautions:

- Moderate or severe acute illness

## MMR

### Contraindications:

- Anaphylactic reaction to a prior dose of the vaccine or any of its components (e.g., gelatin, neomycin)
- Immunodeficiency<sup>2</sup>
- Pregnancy
- TB – untreated, active

### Precautions:

- Moderate or severe acute illness
- Recent administration of antibody-containing blood products<sup>3</sup>
- Thrombocytopenia/thrombocytopenic purpura (now or by history)

## Varicella

### Contraindications:

- Anaphylactic reaction to a prior dose of the vaccine or any of its components (e.g., gelatin, neomycin)
- Immunodeficiency<sup>4</sup>
- Pregnancy
- TB – untreated, active

### Precautions:

- Moderate or severe acute illness
- Recent administration of antibody-containing blood products<sup>3</sup>

<sup>1</sup>If a pregnant woman is at increased risk for infection and requires immediate protection against polio, IPV can be administered in accordance with the recommended schedule for adults.

<sup>2</sup>MMR vaccination is recommended for all asymptomatic HIV-infected persons who do not have evidence of severe immunosuppression for whom measles vaccination would otherwise be indicated. It should be considered for all symptomatic HIV-infected persons who do not have evidence of severe immunosuppression or of measles immunity.

<sup>3</sup>See ACIP General Recommendations for correct spacing.

<sup>4</sup>Varicella vaccination should be considered for asymptomatic or mildly symptomatic HIV infected children. Pure humoral immune deficiencies are not a contraindication to varicella vaccine.