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Immunization Update - 2018

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Disclosures

- I have no conflicts of interest to report.

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Objectives

- Discuss the annual revision process
- Review the 2018 immunization schedules
- Highlight vaccine specific updates for 2018

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Immunization Schedule

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2018 Schedule Updates

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2018 Schedule

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2018 Schedule

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2018 Catch up Schedule

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Vaccines for children with certain medical indications

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Tables for *H influenza* type b, pneumococcal, and pertussis vaccines

- ***Haemophilus influenzae* type b conjugate vaccines catch-up vaccination:**
- **1st dose at 7–11 months:** Give 2nd dose at least 4 weeks later and 3rd (final) dose at 12–15 months or 8 weeks after 2nd dose (whichever is later).
- **1st dose at 12–14 months:** Give 2nd (final) dose at least 8 weeks after 1st dose.
- **1st dose before 12 months and 2nd dose before 15 months:** Give 3rd (final) dose 8 weeks after 2nd dose.
- **2 doses of PedvaxHIB before 12 months:** Give 3rd (final) dose at 12–59 months and at least 8 weeks after 2nd dose.
- **Unvaccinated at 15–59 months:** 1 dose

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Tetanus, diphtheria, and acellular pertussis vaccine catch-up vaccination

- **Adolescents 13–18 years who have not received Tdap:** 1 dose, followed by a Td booster every 10 years.
- **Persons aged 7–18 years not fully immunized with DTaP:** 1 dose of Tdap as part of the catch-up series (preferably the first dose). If additional doses are needed, use Td.
- **Children 7–10 years** who receive Tdap inadvertently or as part of the catch-up series may receive the routine Tdap dose at 11–12 years.
- **DTaP inadvertently given after the 7th birthday:**
 - **Children 7–10 years:** DTaP may count as part of catch-up series. Routine Tdap dose at 11–12 may be given.
 - **Adolescents 11–18 years:** Count dose of DTaP as the adolescent Tdap booster

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Updates to footnotes

- Hepatitis B vaccine
- *Haemophilus influenza* type b
- Influenza
- Meningococcal vaccines
- Polio vaccines
- Measles-mumps-rubella vaccines

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Additional information

- Information on contraindications and precautions to use of a vaccine is available separately on the CDC website
- 4 weeks = 28 days; intervals greater than 4 months are calendar months
- Vaccines administered ≤ 4 days before the minimum interval are considered valid
- Information on travel vaccines is available separately on the CDC website

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- Looking ahead...

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