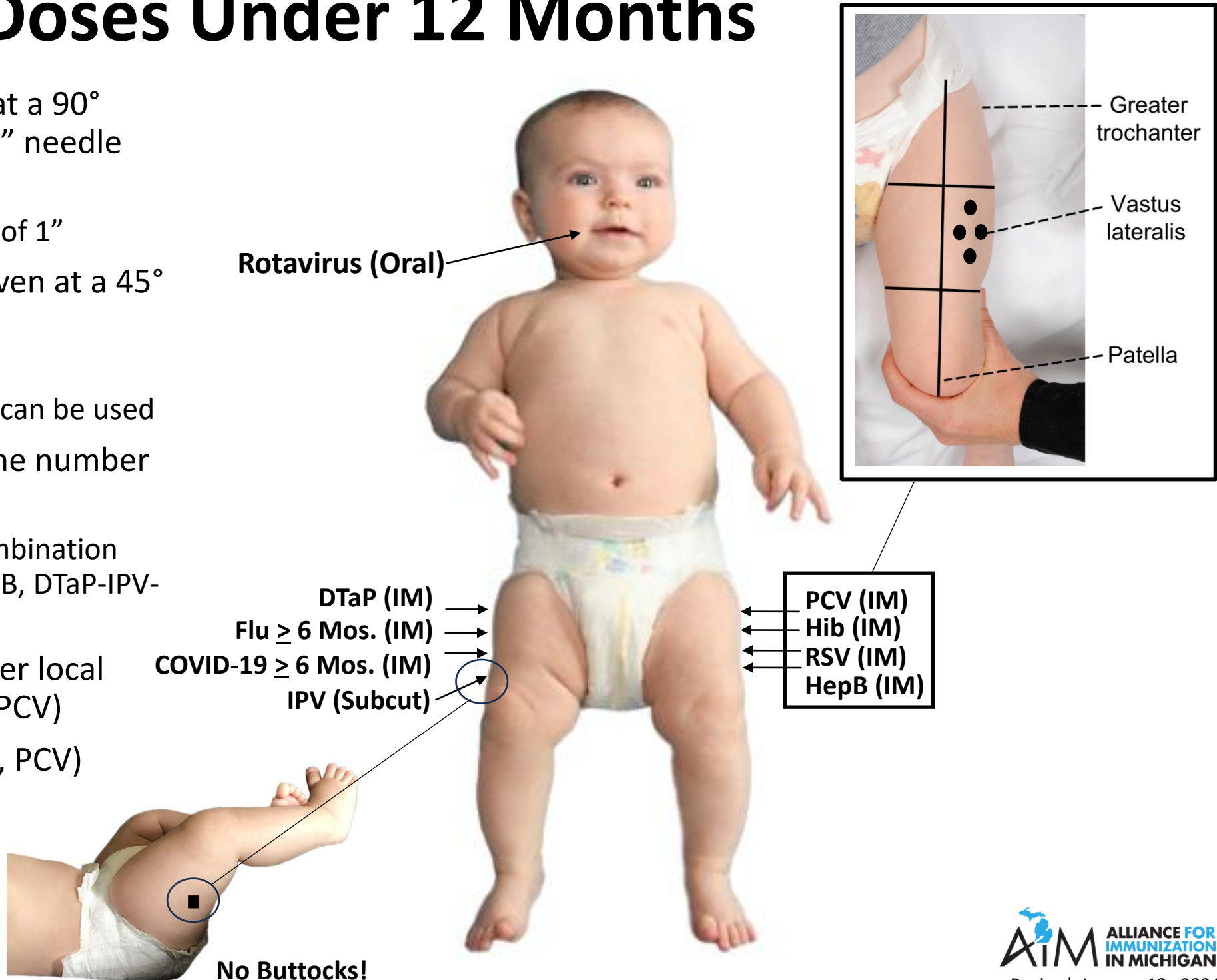


Giving All the Doses Under 12 Months

- **Intramuscular (IM)** injections are given at a 90° angle in the anterolateral thigh using a 1" needle (see ● to the right for placement)
 - Separate IM injection sites by a minimum of 1"
- **Subcutaneous (Subcut)** injections are given at a 45° angle in the thigh using a 5/8" needle (see ■ below for placement)
 - If necessary, the upper outer triceps area can be used
- Using combination vaccines decreases the number of injections
 - IPV must be given IM when given as a combination vaccine (e.g., DTaP-IPV/Hib, DTaP-IPV-HepB, DTaP-IPV-HIB-HepB)
- Administer vaccines likely to cause greater local reaction into separate limbs (e.g., DTaP, PCV)
- Give the most painful injections last (i.e., PCV)

Additional vaccines may be needed. This handout only displays routine vaccines. For additional vaccine administration information see: "Administering Vaccines: Dose, Route, Site, and Needle Size" at www.immunize.org/catg.d/p3085.pdf



No Buttocks!