

NGN NCLEX · 2026 TEST PLAN

Pediatric Immunizations

High-Yield Quick Review · Schedule · Contraindications · Nursing Care · Red Flags

17 CDC Immunization Schedule (Birth – 18 yrs)

BIRTH HepB (#1)	2 MONTHS HepB · RV · DTaP · Hib · PCV13 · IPV	4 MONTHS RV · DTaP · Hib · PCV13 · IPV
6 MONTHS HepB · RV · DTaP · Hib · PCV13 · IPV · Flu (yearly)	12 – 15 MONTHS MMR · Varicella · HepA · Hib · PCV13	15 – 18 MONTHS DTaP (#4) · HepA (#2 @ 6mo later)
4 – 6 YEARS DTaP · IPV · MMR · Varicella (boosters)	11 – 12 YEARS Tdap · HPV · MenACWY	16 YEARS MenACWY booster · MenB

Vaccine Types — Know the Difference!

⚠ TYPE LIVE Attenuated MMR · Varicella · Rotavirus · Nasal Flu · BCG	TYPE Inactivated IPV · HepA · Flu shot (IM) · Rabies	TYPE Toxoid DTaP · Tdap · Td	TYPE Subunit / Conjugate HepB · Hib · PCV13 · HPV · MenACWY · MenB
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🚫 Contraindications vs ✅ Safe to Give

🚫 DO NOT give LIVE vaccines if...

- Immunocompromised (leukemia, HIV w/ low CD4, chemo, high-dose steroids)
- Pregnant — or pregnant person in household (use caution)
- Anaphylaxis to previous dose or vaccine component
- Recent blood product / IVIG → wait 3–11 months
- Severe febrile illness (delay — minor colds are OK!)

✅ NOT a contraindication (GIVE IT!)

- Mild illness, low-grade fever, runny nose
- Currently on antibiotics
- Breastfeeding (except smallpox)
- Premature infant — vaccinate on chronological age
- Family history of seizures or SIDS
- Non-severe egg allergy (most flu vaccines OK)

💉 Normal Reaction vs 🚑 Call Provider

💉 Expected (Teach Parents)

- Low-grade fever < 102°F (38.9°C)
- Redness, warmth, soreness at site
- Fussiness, drowsiness × 24–48 hrs
- Mild rash 7–14 days after MMR/Varicella
- **Tx:** Acetaminophen, cool compress, extra fluids

🚑 Adverse — Report Immediately!

- Anaphylaxis (hives, wheezing, swelling) → EPI!
- Temp > 104°F (40°C)
- Inconsolable crying > 3 hours
- Seizure or encephalopathy within 7 days
- Report to **VAERS** (Vaccine Adverse Event Reporting System)

💉 Administration — Nursing Care



< 2 Years

Vastus lateralis (anterolateral thigh)
Needle: 1" · 22–25G



≥ 3 Years

Deltoid (preferred)
Needle: 5/8"–1" · 22–25G



Legal Must-Do

Give **VIS** (Vaccine Information Statement) **BEFORE**
each dose · Document lot #, site, date

🎯 Comfort & Technique Tips

- Give **most painful vaccine LAST** (MMR often stings most)
- Hold infant upright / swaddle · allow parent to comfort
- Breastfeeding / sucrose pacifier reduces pain in infants

🔑 Spacing & Special Rules

- Live vaccines: give **same day** OR ≥ **4 weeks apart**
- **Rotavirus:** ORAL only · max 1st dose <15 wks · last by 8 mo
- **HPV:** 2 doses if started <15 yrs · 3 doses if ≥15 yrs

- Z-track **NOT** needed · aspiration **NOT** required for IM vaccines
- Give multiple vaccines same day — separate sites by 1 inch

- **Flu**: yearly starting 6 mo · 2 doses 1st yr if <9 yrs
- Do **NOT** restart a series — just continue where left off

★ High-Yield NGN NCLEX Pearls

MMR + Varicella: LIVE → contraindicated in pregnancy & immunocompromised. Advise females to avoid pregnancy × 4 weeks after.

DTaP vs Tdap: DTaP = <7 yrs (5-dose series) · Tdap = ≥7 yrs booster. Pregnant clients get Tdap each pregnancy (27–36 wks).

Rotavirus: ORAL live vaccine · watch for intussusception (currant-jelly stool, sausage mass, drawing legs up).

HepB @ birth: Give within 24 hrs · if mom HBsAg+ → baby also gets HBIG within 12 hrs.

PCV13 & Hib: Protect against meningitis, otitis media, pneumonia — critical for <2 yrs.

Egg allergy: Most flu vaccines are now safe; MMR is cultured in chick fibroblasts — generally safe too.

Informed consent: Parent/guardian must sign · adolescent assent when appropriate · VIS given every time.

🧠 Memory Aids & Mnemonics

💡 LIVE Vaccines — "MR. V BOY"

MMR · Rotavirus · Varicella
BCG · Oral polio (OPV, not US) · Yellow fever
...and intranasal flu (LAIV)

💡 2-Month Visit — "Rotate Down Hips iPod"

Rotavirus · DTaP · Hib · IPV · PCV13 · HepB
6 vaccines, 4 injections + 1 oral

💡 12-Month Visit — "MMR, Very Happy Hib PCV"

MMR · Varicella · HepA · Hib · PCV13

💡 Anaphylaxis Red Flags — "SWELL"

Stridor/wheeze · Welts/hives · Edema (face/throat)
Low BP · Loss of consciousness → **EPI IM NOW**

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