



MASSACHUSETTS

Immunizations and Screening Tests for Healthy Children

Screening Tests	0–1 year (Infancy)	1–4 years (Early Childhood)	5–10 years (Middle Childhood)	11–18 years (Adolescence)	19-21 years (Young Adult)
Routine Well Visits including developmental milestones, behavioral assessments, anticipatory guidance, physical activity, and nutrition	1–2 weeks; and 1, 2, 4, 6, 9, and 12 months. Assess breastfeeding infants between 2–5 days of age.	15, 18, and 24 months; and 3 and 4 years	Annually	Annually	Annually
Anemia	Once between 9–12 months	11-21. starting at age 12, screen all non-pregnant females every 5-10 years during well visit. Annually screen for anemia if at high risk.			
Cholesterol			Ages 9-11 and 18-21 obtain universal lipid screen. Ages 1-17 obtain fasting lipid profile at least once if there is a family history of premature cardiovascular disease (CVD) or parent with known lipid disorder and/or parent with a high-risk condition		
Blood Test for Lead	Initial screening between 9–12 months	2 years. and, if in areas of high risk, also at 3 and 4 years.	If never screened, prior to kindergarten entry		
Hepatitis C	1-10 years anti-hepatitis C virus test in children with Hepatitis C infected mothers				
Growth and Body Mass Index	Assess growth parameters using length, weight and head circumference.	Assess growth parameters using height, weight, and head circumference. BMI at 24 months and 30 months. Annual BMI starting at age 3. Screen annually for eating disorders starting in middle childhood.			
Blood Pressure		Annually, beginning at 3			
Hearing	Assess prior to Newborn discharge Subjective assessment at all other routine checkups.	Conduct objective hearing screening at 4, 5, 6, 8, and 10. Conduct audiologic monitoring every 6 months until 3 years if there is a language delay or a risk of hearing loss. Subjective assessment at all other routine checkups.			
Vision	Assess prior to Newborn discharge. Screen for strabismus (lazy eye) at every visit.	Visual acuity test at ages 3-6, 8, 10, 12, 15, and 18. Screen for strabismus (lazy eye) at every visit.			
Oral Health	Periodic oral health risk assessment. Supervised use of fluoride toothpaste for children with teeth. Establish dental home by age 1. Fluoride varnish application if significant risk for dental caries and inability to establish dental home.				
Pap (Females)					At 21 years of age. Annually if a patient has immune suppression or infection with HIV, starting at the onset of sexual activity

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These guidelines were developed by Massachusetts Health Quality Partners (MHQP), a broad-based coalition of health care providers, plans and purchasers working together to promote improvement in the quality of health care services in Massachusetts. Blue Cross Blue Shield of Massachusetts is an MHQP member.

Screening Tests (continued)	0–1 year (Infancy)	1–4 years (Early Childhood)	5–10 years (Middle Childhood)	11–18 years (Adolescence)	19–21 years (Young Adult)
Tests for Sexually Transmitted Diseases (STI)/ HIV				For HIV: routine screening at least once by 16 to 18 years. For chlamydia and gonorrhea: screen annually if sexually active. For syphilis: screen if at risk.	
Immunizations					
Hepatitis A		2 doses between 12–23 months. Second dose 6 months after the first			
Hepatitis B	3 doses: at birth, 1-2 months, 6–18 months				
Diphtheria, Tetanus, Pertussis (DTaP) Tetanus, Diphtheria, and Acellular Pertussis (Tdap) [Note: replaces Tetanus Diphtheria (Td)]	5 doses of DTaP at 2, 4, 6 months; 15–18 months and 4–6 years			1 dose of Tdap between ages 11– 12	
Inactivated Polio (IPV)	4 doses at 2 and 4 months, 6–18 months, and 4–6 years				
Haemophilus (Hib)	3 or 4 doses, depending on formulation: at 2 and 4 or 6 months; and between 12–15 months				
Measles, Mumps, Rubella (MMR)		1 dose: between 12–15 months	1 dose between 4–6 years		
Varicella (Chicken Pox)		2 doses between 12–15 months; 4 and 6 years			
Pneumococcal Conjugate (PVC13)	4 doses: at 2, 4, and 6 months and 12–15 months				
Meningococcal Vaccine				2 doses: between 11–12 years and 16 years	
HPV (males & females)				3 doses between ages 11–12 years, can receive up to age 21	
Flu Vaccine	Annually during flu season for all children starting at age 6 months				
Rotavirus	2 or 3 doses depending on formulation: at 2, and 4 months, and 6 months				
Tuberculosis (TB)	Tuberculin skin testing for all patients at high risk				

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