

Pediatric Blood Pressure Chart

Patient's name: _____ Date of birth: _____

Age: _____ Sex: _____

Relevant medical information (if needed):

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| Age group (weight in kg) | Age (years) | Height (cm) | Blood pressure (mmHg) (50th - 90th percentile) | | | |
|--------------------------|-------------|-------------|--|-----------|----------|-----------|
| | | | Boys | | Girls | |
| | | | Systolic | Diastolic | Systolic | Diastolic |
| *Infant | 1-12 months | - | 72 -104 | 37-56 | 72-104 | 37-56 |
| Toddler (10-14kg) | 1 | 77-87 | 86-101 | 41-54 | 85-102 | 42-58 |
| | 2 | 86-98 | 89-104 | 44-58 | 89-106 | 48-62 |
| Preschooler (14-18kg) | 3 | 92-105 | 90-105 | 47-61 | 90-107 | 50-65 |
| | 4 | 93-113 | 92-107 | 50-64 | 92-108 | 53-67 |
| | 5 | 104-120 | 94-110 | 53-67 | 93-110 | 55-70 |
| School-age (20-42 kg) | 6 | 111-127 | 90-109 | 59-73 | 91-108 | 59-73 |
| | 7 | 116-134 | 91-111 | 60-74 | 92-110 | 60-74 |
| | 8 | 120-140 | 93-113 | 60-75 | 94-112 | 60-75 |
| | 9 | 124-145 | 94-115 | 61-75 | 95-114 | 61-76 |
| | 10 | 130-151 | 96-117 | 62-76 | 97-116 | 62-77 |
| | 11 | 135-157 | 98-119 | 62-77 | 99-118 | 63-78 |
| Adolescent (50 kg) | >13 | 147-172 | 102-124 | 64-80 | 102-121 | 64-79 |

***Note:** Blood pressure values in newborn infants may vary considerably during the first few weeks. The definition of HTN in preterm and term neonates also varies.

| | Age <13 years | Age >13 years | Follow-up |
|--|---|---------------------|--|
| Elevated or persistent or pre-HTN | 90th to 95th percentile or 120/80 mm Hg to <95th percentile (whichever is lower) | 120-129/<80 mm Hg | <ul style="list-style-type: none"> Recheck in 6 months Consider school or home BP monitoring |
| Stage 1 HTN | >95th to 99th percentile + 5 mmHg or 130-139/89 mm Hg (whichever is lower) | 130-139/89 mm Hg | <ul style="list-style-type: none"> Evaluate in 1 week to 1 month |
| Stage 2 HTN | > 99th percentile + 5 mm Hg or \geq 140/90 mm Hg (whichever is lower) | \geq 140/90 mm Hg | <ul style="list-style-type: none"> Evaluate in 1 week or sooner if symptomatic |
| White-coat HTN | <ul style="list-style-type: none"> > 95th percentile in a medical setting Normal outside the medical setting | | <ul style="list-style-type: none"> Consider ABPM as well as home or school BP monitoring |
| Masked HTN | <ul style="list-style-type: none"> < 95th percentile in a medical setting > 95th percentile outside a medical setting | | <ul style="list-style-type: none"> Consider ABPM in high-risk patients. |

Findings

Additional notes

References

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