MANAGEMENT OF PRIMARY SYSTEMIC HYPERTENSION IN CHILDREN

**Blood Pressure Percentiles**

<table>
<thead>
<tr>
<th>Age (Y)</th>
<th>Normal</th>
<th>Hypertension</th>
<th>Severe Hypertension</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 -</td>
<td>92/66</td>
<td>107/70</td>
<td>108/72</td>
</tr>
<tr>
<td>3-5</td>
<td>104/68</td>
<td>109/71</td>
<td>120/84</td>
</tr>
<tr>
<td>6-9</td>
<td>109/71</td>
<td>114/75</td>
<td>125/88</td>
</tr>
<tr>
<td>10-12</td>
<td>116/76</td>
<td>120/79</td>
<td>133/90</td>
</tr>
<tr>
<td>13-15</td>
<td>122/80</td>
<td>127/83</td>
<td>141/94</td>
</tr>
<tr>
<td>16-17</td>
<td>129/81</td>
<td>134/88</td>
<td>147/103</td>
</tr>
</tbody>
</table>

**NOTE:**
Algorithm after excluding secondary causes of Hypertension.

P = Percentile, C.C = Continued Care.
LSM = Life Style Modification.
HTN = Hypertension, Wt. = Weight
TOD = Target Organ Damage

EVALUATE BP-6M

C.C.  <90 P  

EVALUATE BP-3M

Wt-N

LSM

<90 P

Wt-Reduction

EVALUATE BP-1 M

Wt-↓

LSM

95-99 P

EVALUATE BP-3 M

>99 P

EVALUATE

LSM

<95 P

LSM DRUGS

>95 P <99 P

LSM DRUGS

<90 <95

Wt-↓

C.C.

EVALUATE BP-3 M

LSM

<90 %

LSM DRUGS

>90 <95

C.C.

EVALUATE BP-6 M

NORMAL SBP/DBP

<90 P

C.C.

AVERAGE SBP/DBP

90-95 P

EVALUATE BP-6 M

C.C.

SIGNIFICANT HTN

>95-99 P

EVALUATE BP-3 M

Wt-↓

Wt-N

LSM DRUGS

>99 P

SEVERE HTN

> 99 P