

আপনার শিশুটি কি স্কুল এন্ট্রি বুস্টার মিস করেছে !

সুরক্ষার বলয়টি সম্পূর্ণ করুন

ডিটিপি ও আইপিডি বুস্টার ভ্যাকসিনের সাথে



ডিটিপি ও আইপিডি - ডিপথেরিয়া, টিটেনাস, পার্টুসিস এবং ইন্যাক্তিভেটেড পোলিওমাইয়েলিটিস ভ্যাকসিন

ডিটিপি ও আইপিডি ভ্যাকসিন কি ?

ডিটিপি ও আইপিডি ভ্যাকসিনগুলিকে দেওয়া হয় আপনার শিশুটিকে সংক্রমণের থেকে সুরক্ষিত রাখার জন্য, সংক্রমণের কারণগুলি হল^১

- ডিপথেরিয়া
- পার্টুসিস
- টিটেনাস
- পোলিওভাইরাস

এই রোগগুলির বিরুদ্ধে ভ্যাকসিন শরীরকে ঢালের মত একটি সুরক্ষা প্রদান করে!

এই রোগগুলি কতটা গুরুতর ?

- এই রোগগুলির কারণে শ্বাসকষ্ট, হৃৎের সমস্যা, পেশীরখিঁচুনি এবং হাঁটা-চলায় অক্ষমতা, পক্ষাঘাত এবং মৃত্যু পর্যন্ত হতে পারে!



ভ্যাকসিনই হল সর্বোত্তম

উপায় এই রোগগুলিকে প্রহিত করার জন্য^২

আমাদের কেন
প্রয়োজন বুস্টারের ?

কারণ স্কুলে যেতে শুরু করা শিশুদের মধ্যে রোগের সংক্রমণ হওয়ার সম্ভাবনা উচ্চমাত্রায় থাকে এবং রোগ প্রতিরোধ ক্ষমতা হ্রাস পায়।^{৩,৪}

একবার ভ্যাকসিন দিলে শিশু দীর্ঘমেয়াদিভাবে সুরক্ষিত থাকে^৫

এসিভিআইপি-এর নতুন নির্দেশিকা স্কুলে যেতে শুরু করা শিশুদেরকে ডিটিপি ও আইপিডি বুস্টার শট দেওয়ার সুপারিশ করে^৬

স্কুল এন্ট্রি বুস্টার হিসাবে
ডিটিপি ও আইপিডি

বুস্টার প্রাথমিক ভ্যাকসিন(সমূহ) বাপূর্ববর্তী ভ্যাকসিনের সময়সূচী থেকে স্বতন্ত্রভাবে দেওয়া যেতে পারে^৬

শৈশব থেকে কৈশোর পর্যন্ত সময় বুস্টার উচ্চ প্রতিরোধ ক্ষমতা বজায় রাখে^৭

শিশুরা উত্তমরূপে সহনশীল হয়ে ওঠে^৮



Vaccine	Age in completed weeks / months / years															
	Birth	6w	10w	14w	6m	7m	9m	12m	13m	15m	16-18m	18-24m	2-3 Y	4-6 Y	9-14 Y	15-18 Y
BCG																
Hepatitis B	HB 1 ^a	HB 2	HB 3	HB 4 ^b												
Polio	OPV	IPV 1 ^c	IPV 2 ^c	IPV 3 ^c							IPV/B1			IPV/B2		
DTPaP/DTaP	DTP 1	DTP 1	DTP 2	DTP 3							DTP B1			DTP B2		
Hib	Hib 1	Hib 2	Hib 3	Hib 3							Hib B1					
PCV	PCV 1	PCV 2	PCV 3	PCV 3				PCV B								
Rotavirus	RV 1	RV 2	RV 3 ^d													
Influenza					Dose 1 ^e	Dose 2			Annual Vaccination					Dose 3		
MMR							Dose 1									
TCV																
Hepatitis A								Dose 1				Dose 2 ^f				
Varicella												Dose 2 ^g				
Tdap/Td												Dose 1				
HPV																1 & 2 ^h , 1, 2 & 3 ⁱ
Meningococcal ^k								Dose 1								
JE																
Cholera									Dose 1	Dose 2						
PPSV 23									Dose 1	Dose 2						
Rabies																
Yellow Fever																

(a) To be given within 24 h after birth. When this is missed, it can be administered at first contact with health facility; (b) An extra dose of Hepatitis B vaccine is permitted as part of a combination vaccine when use of this combination vaccine is necessary; (c) IPV can be given as part of a combination vaccine; (d) 3rd dose of Rotavirus vaccine is not necessary for RV1; (e) Influenza vaccine should be started after 6 mo of age, 2 doses 4 wks apart, usually in the pre-monsoon period. At other times of the year, the most recent available strain should be used. Annual influenza vaccination should be continued, for all, till 5 y of age; this vaccine is recommended in the high-risk group only; (f) Single dose is to be given for the live attenuated Hepatitis A vaccine. The inactivated vaccine needs two doses; (g) 2nd dose of Varicella vaccine should be given 3-6 mo of age after dose 1. However, it can be administered anytime 3 mo after dose 1 or at 4-6 y. (Tdap should not be administered as the second booster of DTP at 4-6 y. For delayed 2nd booster, Tdap can be given after 7 y of age. A dose of Tdap is necessary at 10-12 y, irrespective of previous Tdap administration. If Tdap is unavailable/unaffordable, it can be substituted with Td; (h) Before 14 completed years, HPV vaccines are recommended as a 2-dose schedule, 6 mo apart; (i) From 15th y onwards and the immunocompromised subjects at all ages, HPV vaccines are recommended as a 3-dose schedule, 0-2-6 (HPV3); (k) Menactra is approved in a 2-dose schedule between 9-23 mo. Minimum interval between two doses should be 3 mo. Menveo is recommended as a single dose schedule after 2 y of age.

ACVIP recommends DTP & IPV boosters in school entry children⁵

DTP & IPV - Diphtheria, Tetanus, Pertussis and Inactivated Poliovirus Vaccine; IAP - Indian Academy of Pediatrics; ACPVP - Advisory Committee on Vaccines and Immunization Practices.

References: 1. Diphtheria, tetanus, pertussis and polio vaccine [Internet]. [Updated Mar 01, 2021]. Available at: <https://www.mayoclinic.org/drugs-supplements/diphtheria-tetanus-acellular-pertussis-polio-vaccine-intramuscular-route/description/olp200719838r--text=diphtheria%2C%20tetanus%2C%20and%20acellular%20pertussis%20whooping%20cough%2C%20and%20poliovirus. Accessed on May 26, 2022.> 2. Prevention [Internet]. [Updated May 26, 2020]. Available at: <http://dx.doi.org/10.1012/journal.pediatrics.132746>. 3. <https://www.who.int/news-room/fact-sheets/detail/tetanus>. 4. <https://www.who.int/news-room/fact-sheets/detail/diphtheria>. 5. <https://www.who.int/news-room/fact-sheets/detail/pertussis>. 6. <https://www.who.int/news-room/fact-sheets/detail/polio>. 7. <https://www.who.int/news-room/fact-sheets/detail/hpv-vaccines>. 8. <https://www.who.int/news-room/fact-sheets/detail/yellow-fever>. 9. <https://www.who.int/news-room/fact-sheets/detail/rabies>. 10. <https://www.who.int/news-room/fact-sheets/detail/cholera>. 11. <https://www.who.int/news-room/fact-sheets/detail/meningococcal-vaccines>. 12. <https://www.who.int/news-room/fact-sheets/detail/japanese-encephalitis-vaccine>. 13. <https://www.who.int/news-room/fact-sheets/detail/rotavirus-vaccine>. 14. <https://www.who.int/news-room/fact-sheets/detail/influenza-vaccine>. 15. <https://www.who.int/news-room/fact-sheets/detail/hepatitis-a-vaccine>. 16. <https://www.who.int/news-room/fact-sheets/detail/hepatitis-b-vaccine>. 17. <https://www.who.int/news-room/fact-sheets/detail/bacillus-calmette-guérin>. 18. <https://www.who.int/news-room/fact-sheets/detail/tuberculosis-vaccines>. 19. <https://www.who.int/news-room/fact-sheets/detail/typhoid-vaccine>. 20. <https://www.who.int/news-room/fact-sheets/detail/dysentery-vaccine>. 21. <https://www.who.int/news-room/fact-sheets/detail/schistosomiasis-vaccine>. 22. <https://www.who.int/news-room/fact-sheets/detail/malaria-vaccine>. 23. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-b>. 24. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-a>. 25. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-c>. 26. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-d>. 27. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-e>. 28. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-f>. 29. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-g>. 30. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-h>. 31. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-i>. 32. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-j>. 33. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-k>. 34. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-l>. 35. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-m>. 36. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-n>. 37. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-o>. 38. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-p>. 39. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-q>. 40. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-r>. 41. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-s>. 42. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-t>. 43. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-u>. 44. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-v>. 45. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-w>. 46. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-x>. 47. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-y>. 48. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-z>. 49. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-aa>. 50. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ab>. 51. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ac>. 52. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ad>. 53. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ae>. 54. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-af>. 55. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ag>. 56. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ah>. 57. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ai>. 58. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-aj>. 59. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ak>. 60. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-al>. 61. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-am>. 62. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-an>. 63. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ao>. 64. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ap>. 65. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-aq>. 66. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ar>. 67. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-as>. 68. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-at>. 69. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-au>. 70. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-av>. 71. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-aw>. 72. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ax>. 73. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ay>. 74. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-az>. 75. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ba>. 76. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bb>. 77. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bc>. 78. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bd>. 79. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-be>. 80. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bf>. 81. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bg>. 82. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bh>. 83. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bi>. 84. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bj>. 85. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bk>. 86. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bl>. 87. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bm>. 88. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bn>. 89. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bo>. 90. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bp>. 91. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bq>. 92. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-br>. 93. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bs>. 94. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bt>. 95. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bu>. 96. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bv>. 97. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bw>. 98. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bx>. 99. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-by>. 100. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-bz>. 101. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ca>. 102. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cb>. 103. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cc>. 104. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cd>. 105. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ce>. 106. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cf>. 107. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cg>. 108. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ch>. 109. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ci>. 110. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cj>. 111. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ck>. 112. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cl>. 113. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cm>. 114. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cn>. 115. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-co>. 116. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cp>. 117. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cq>. 118. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cr>. 119. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cs>. 120. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ct>. 121. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cu>. 122. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cv>. 123. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cw>. 124. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cx>. 125. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cy>. 126. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-cz>. 127. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-da>. 128. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-db>. 129. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dc>. 130. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dd>. 131. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-de>. 132. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-df>. 133. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dg>. 134. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dh>. 135. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-di>. 136. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dj>. 137. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dk>. 138. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dl>. 139. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dm>. 140. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dn>. 141. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-do>. 142. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dp>. 143. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dq>. 144. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dr>. 145. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-ds>. 146. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dt>. 147. <https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-du>. 148. [https://www.who.int/news-room/fact-s](https://www.who.int/news-room/fact-sheets/detail/haemophilus-influenzae-type-dv)

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