

## VACCINOLOGY II

### VACCINATION IN SPECIAL SITUATIONS

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**Abstract:** *The concept of immunization is to enable development of immunity in healthy non-immune individuals. However, certain special situations such as immunosuppression, prematurity and exposure to infectious diseases, pose a greater risk to a child who may become unwell or present with serious post-vaccine events and require selective use of vaccines, adopting a different schedule or even vaccine deferral. Specific knowledge of these unique clinical scenarios improves the chances of better immune protection and decreases the incidence of vaccine related adverse events.*

**Keywords:** *Special situations, Immune-compromised, Transplant, Febrile seizures, Bleeding diathesis.*

### Points to Remember

- *Routine vaccination schedule can be followed in mild illnesses, febrile or afebrile.*
- *Egg allergy is not a contraindication for receiving MMR, Rabies and Influenza Vaccines.*
- *All live bacterial and viral vaccines are to be deferred in children with congenital immune deficiencies.*
- *In the COVID-19 pandemic era, pediatricians should counsel parents regarding the importance of adhering to routine immunization schedule in order to prevent emergence of Vaccine preventable diseases.*

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