

# Colorado Immunization Manual

## SECTION 10

### Simultaneous Administration



# **Colorado Immunization Manual**

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## **SECTION 10**

### **Simultaneous Administration**

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SUBJECT: SIMULTANEOUS ADMINISTRATION

## SIMULTANEOUS ADMINISTRATION OF VACCINES

There are no contraindications to simultaneous administration of any vaccines.

Simultaneous administration of all vaccines for which a child is eligible is very important because it increases the probability that a child will be fully immunized at the appropriate age.

**INDIVIDUAL VACCINES SHOULD NOT BE MIXED IN THE SAME SYRINGE UNLESS THEY ARE LICENSED FOR MIXING BY THE FDA** (as described in package inserts).

## NONSIMULTANEOUS ADMINISTRATION OF LIVE VACCINES

Live vaccines which are not administered simultaneously for whatever reason should be separated by at least four weeks.

THERE IS A 4-WEEK SEPARATION RULE FOR LIVE VACCINES INCLUDING:

- MMR and Varicella
- MMR and yellow fever vaccine
- MMR as individual vaccines (e.g., single antigen measles)

The 4-week separation rule is intended to prevent any interference between vaccines.

The table below gives the suggested intervals if vaccines are not administered simultaneously.

Timing of Live and Inactivated Vaccines Not Administered Simultaneously	
Vaccine Combination	Minimum Interval
Two Inactivated	None
Inactivated and Live	None
Two Live	4 weeks