

MEDICATION ADMINISTRATION

Drug Effects

- Desire effect (therapeutic effect)
- Adverse effect
- Toxic effect
- Side effect
- Cumulative action
- Drug dependence
- Hypersensitivity reaction
- Idiosyncratic response
- Paradoxical reaction
- Tolerance
- Drug allergy

Types of allergy

- Anaphylaxis
- Urticaria
- Angioedema
- Delayed-reaction

Drug Interactions

- Drugs and foods may interact to affect the therapeutic plan adversely
- Drug antagonism
- Combined or concurrent action of two drugs can increase the therapeutic or adverse effect of either drug

Appropriate technique for administration

- Tablets may be held sublingually
- Powders may be inhaled
- Liquids may be nebulized, inhaled, swabbed, sprayed or instilled
- Sustained-release or enteric-coated preparations should not be crushed or broken open
- Suspensions should be shaken well before pouring
- Parenteral preparations may be given: subcutaneously, intramuscularly, intradermally or piggyback

TEST YOUR KNOWLEDGE

- Give interventions for each type of allergy.
- Have you encountered any problem related to negative effects of the medications?
- As a medical practitioner, how would you educate the patient undergoing negative effects of a medication?