



Dr. Arvind Kumar Gupta
(M.Pharm, PDCR, PGDMM & Ph.D)
GATE 2003 Qualified with 97.2 percentile
Dr. S. N. Dev College of Pharmacy
Shamli (U.P.)

OFFICE: BUILDING No. 3/314, OFFICE-1, GAUSHALA ROAD, SHAMLI DISTRICT SHAMLI (U.P.) – 247776

Mobile: +91-9719638415

Email: arindrkgit@gmail.com

Course Name : D. Pharm
Year : Second Year
Subject Name : Pharmacology
**Topic Name : Different routes of drug
administration**

1. Which route of drug administration bypasses the gastrointestinal tract?

- A) Intravenous (IV)
- B) Oral
- C) Sublingual
- D) Intramuscular (IM)

Answer: A) Intravenous (IV)

2. Which route of drug administration involves the absorption of medication through the mucous membranes under the tongue?

- A) Intravenous (IV)
- B) Subcutaneous (SC)
- C) Sublingual
- D) Intranasal

Answer: C) Sublingual

3. Which route of drug administration is commonly used for vaccines and involves the injection of medication into the muscle tissue?

- A) Intravenous (IV)
- B) Intramuscular (IM)
- C) Subcutaneous (SC)
- D) Intradermal (ID)

Answer: B) Intramuscular (IM)

4. Which route of drug administration delivers medication directly into the bloodstream, allowing for rapid onset of action?

- A) Subcutaneous (SC)
- B) Intramuscular (IM)
- C) Intravenous (IV)
- D) Intradermal (ID)

Answer: C) Intravenous (IV)

5. Which route of drug administration involves the placement of medication into the rectum for absorption?

- A) Oral
- B) Sublingual
- C) Rectal
- D) Intravenous (IV)

Answer: C) Rectal

6. Which route of drug administration involves the placement of medication into the eye?

- A) Ophthalmic
- B) Intramuscular (IM)
- C) Subcutaneous (SC)
- D) Oral

Answer: A) Ophthalmic

7. Which route of drug administration involves the placement of medication into the ear?

- A) Otic
- B) Intravenous (IV)
- C) Intramuscular (IM)
- D) Subcutaneous (SC)

Answer: A) Otic

8. Which route of drug administration involves the delivery of medication through the skin and into the bloodstream?

- A) Transdermal
- B) Subcutaneous (SC)
- C) Intravenous (IV)
- D) Intramuscular (IM)

Answer: A) Transdermal

9. Which route of drug administration involves the placement of medication under the skin?

- A) Subcutaneous (SC)
- B) Intramuscular (IM)
- C) Intravenous (IV)
- D) Intradermal (ID)

Answer: A) Subcutaneous (SC)

10. Which route of drug administration involves the injection of medication into the spinal canal?

- A) Intrathecal
- B) Intramuscular (IM)
- C) Subcutaneous (SC)
- D) Intravenous (IV)

Answer: A) Intrathecal

11. Which route of drug administration involves the placement of medication into the nasal cavity?

- A) Intranasal
- B) Intravenous (IV)
- C) Intramuscular (IM)
- D) Sublingual

Answer: A) Intranasal

12. Which route of drug administration involves the inhalation of medication into the lungs?

- A) Inhalation
- B) Intravenous (IV)
- C) Intramuscular (IM)
- D) Intradermal (ID)

Answer: A) Inhalation

13. Which route of drug administration involves the injection of medication into the space between the layers of skin?

- A) Intradermal (ID)
- B) Subcutaneous (SC)
- C) Intramuscular (IM)
- D) Intravenous (IV)

Answer: A) Intradermal (ID)

14. Which route of drug administration involves the placement of medication into the gastrointestinal tract?

- A) Oral
- B) Intravenous (IV)
- C) Sublingual
- D) Intramuscular (IM)

Answer: A) Oral

15. Which route of drug administration involves the placement of medication into the vagina?

- A) Vaginal
- B) Intravenous (IV)
- C) Intramuscular (IM)
- D) Subcutaneous (SC)

Answer: A) Vaginal

16. Which route of drug administration involves the injection of medication into the bone marrow?

- A) Intraosseous
- B) Intravenous (IV)
- C) Subcutaneous (SC)
- D) Intramuscular (IM)

Answer: A) Intraosseous

17. Which route of drug administration involves the placement of medication into the joint space?

- A) Intra-articular
- B) Intravenous (IV)

C) Intramuscular (IM)

D) Subcutaneous (SC)

Answer: A) Intra-articular

18. Which route of drug administration involves the injection of medication into the tissue layer between the skin and muscle?

A) Subcutaneous (SC)

B) Intravenous (IV)

C) Intramuscular (IM)

D) Intradermal (ID)

Answer: A) Subcutaneous (SC)

19. Which route of drug administration involves the placement of medication into the bladder?

A) Intravesical

B) Intravenous (IV)

C) Intramuscular (IM)

D) Subcutaneous (SC)

Answer: A) Intravesical

20. Which route of drug administration involves the placement of medication into the epidural space of the spinal cord?

A) Epidural

B) Intravenous (IV)

C) Intramuscular (IM)

D) Subcutaneous (SC)

Answer: A) Epidural