

Oral drug administration in Rats



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Introduction

- Oral administration of substances is a common procedure in scientific experiments using laboratory animals.
- This method is achieved in conscious animals by using the intragastric gavage technique.
- Gavage is the introduction of a solution into the stomach by means of a tube and is used clinically and for research.
- In laboratory animals, dosage by gavage involves removing the animal from its cage manually restraining .
- , oral feeding tube is inserting into the esophagus, and delivering the drug directly into the stomach by means of a syringe (1).

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❖Tools for Oral Feeding : A 18 G stainless steel, ball tipped needle a glove introduce the feeding tube from the pharynx in to the esophagus when the mouse is in the act of swallowing (2).



Gavage Needles



Restraint Presentation



Introducing the Gavage Needle

References

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THANK YOU

