



Rodent Oral Gavage (OG)

Course Outline

Online Course (1-3hr)

- Methods of Oral Dosing
- Restraint
- Guidelines for Oral Gavage
 1. Gavage tube types
 2. Sizes of Gavage tubes
- Steps of Oral Gavage
- Potential Complications

Mouse Hands-On Lab Outline (3hr)

Lab tasks	Approximate time required
1. Enter lab, wash hands, done lab coat and gloves	5-10 minutes
2. Introduction, discuss experience and mouse strains	5 minutes
3. Oral gavage SOP presentation	10 minutes
4. Oral gavage video	15 minutes
5. Mouse restraint/gavage needle demo	10 minutes
Students receive Mouse 1	
6. Practice restraining mouse for oral gavage	5 minutes
7. Practice doing oral gavage steps in order without inserting needle	5 minutes
8. Set up fluid for gavage	5-10 minutes
9. Restrain and gavage mouse	2 minutes
10. Euthanize and dissect mouse to assess gavage	10 minutes
Repeat steps 6 – 10 for Mouse 2	
Repeat steps 6 – 10 for Mouse 3	

Rat Hands-On Lab Outline (3hr)

Lab tasks	Approximate time required
1. Enter lab, wash hands, done lab coat and gloves	5-10 minutes
2. Introduction, discuss experience and rat strains	5 minutes
3. Oral gavage SOP presentation	15 minutes
4. Oral gavage video	5 minutes
5. Rat restraint/gavage needle demo	10 minutes
Students receive Rat 1	
6. Practice restraining rat for oral gavage	20 minutes
7. Practice doing oral gavage steps in order without inserting needle or feeding tube	5 minutes
8. Set up fluid for gavage	5-10 minutes
9. Restrain and gavage rat	5 minutes
10. Monitor rat for complications	10 minutes
Repeat steps 6 – 10 for Rat 2	
Repeat steps 6 – 10 for Rat 3	



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Animal Care Services
VP Research & Innovation

Jan 2026