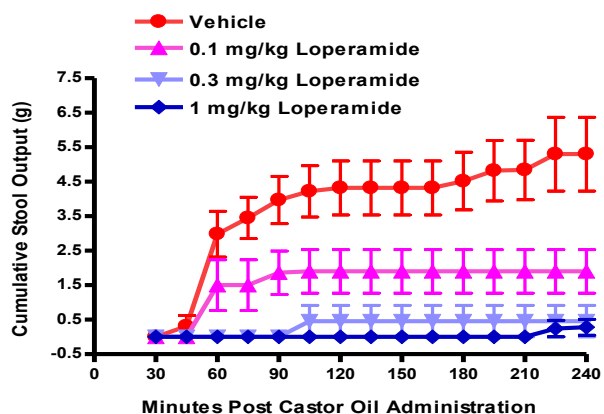


## Rat Models of Intestinal Secretion, Motility & Diarrhea

1. Castor Oil-induced Diarrhea Model
2. Rotavirus-induced Model of Infectious Diarrhea
3. Cholera Toxin induced Models of Intestinal Secretion
  - Open loop intestinal perfusion model of water & electrolyte secretion
  - Closed loop model of intestinal secretion
4. Charcoal Meal Test of Intestinal Motility

Castor Oil Model

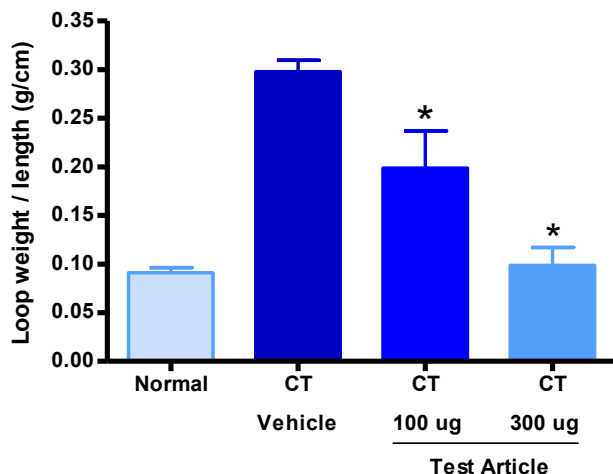


Rotavirus Model

Treatment Group	Cumulative Totals			
	# Stools	Score		
		0	1	2
Normal	13	3	10	
Rotavirus	15		4	11
Rotavirus + Positive Control	12	5	4	3

Stool Score: 0 = solid, 1 = semi-solid/shiny, 2 = loose/wet

Cholera Toxin Model



Charcoal Meal Test

