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Título	Is the colon mucosa affected by ten days of gastric restriction in an animal model?
Autores	Flávia Emi Akamatsu, Luiz Gustavo Fontes, Ana Maria Itezerote, Samir Saleh, Walcy Paganelli Rosolia Teodoro, Everson Artifon, Flávio Hojaj, Mauro Andrade, José Aires Pereira, Carlos Augusto Real Martinez, Alfredo Luiz Jacomo
Autor (es) USF	José Aires Pereira, Carlos Augusto Real Martinez
Autores Internacionais	
Programa/Curso (s)	Programa de Pós-Graduação Stricto Sensu em Ciências da Saúde
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Resumo	<p>Purpose: To identify whether the colon mucosa is affected by ten days of gastric restriction in an animal model.</p> <p>Methods: An experimental model of gastric restriction was devised using rats. The animals were submitted to surgical gastrostomy, and a cylindrical loofah was inserted into the stomach. We studied 30 adult male Wistar rats divided into three groups: the stomach restriction group (R10); the sham group (S10), which underwent the same procedure except for the loofah insertion; and the control group (C10). The expression of neutral and acid mucins was evaluated using histochemical techniques. Goblet cells and protein content were compared between groups using generalized estimation equations (GEEs). Bonferroni's multiple comparison was applied to identify differences between the groups. All tests considered a 5% significance level.</p> <p>Results: There was an increased expression of neutral mucins, acid mucins and goblet cells in the R10 group. Collagen was also enhanced in the R10 group.</p> <p>Conclusion: The colon mucosa is affected by ten days of gastric restriction in an animal model, increasing neutral mucins, acid mucins and collagen content with trophic maintenance.</p>
Fomento	