



Tipo	Periódico
Título	Effects of anti-TNF- α in experimental diversion colitis
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Programa/Curso (s)	Programa de Pós-Graduação Stricto Sensu em Ciências da Saúde
DOI	10.1590/s0102-86502019010000004
Assunto (palavras chaves)	Colitis; Colostomy; Fatty Acids; Tumor Necrosis Factor-Alpha; Infliximab; Rats
Idioma	Português
Fonte	Título do periódico: Acta Cirúrgica Brasileira ISSN: 1678-2674 Volume/Número/Paginação/Ano: v. 34, p. e201901004, 2019
Data da publicação	23 Sept 2019
Formato da produção	Digital https://doi.org/10.1590/s0102-86502019010000004
Resumo	<p>Methods: Twenty-four rats were submitted to a Hartmann's procedure. They remained for 12 weeks with the fecal derivation to development of diversion colitis on excluded colorectal stump. After this period, they were divided into 3 groups: one group received intervention with saline (2.0 mL / week), other group infliximab at doses of 5 mg/kg/week and the other 10 mg/kg/week for five consecutively weeks. Concluded the intervention period, the animals were euthanized to remove colon segments with and without fecal stream. Colitis was diagnosed by histological analysis and the degree of inflammation by validated score. The neutrophilic infiltrate was evaluated by tissue expression of myeloperoxidase identified by immunohistochemical. The tissue content of myeloperoxidase was measured by computer-assisted image analysis.</p> <p>Results: The inflammatory score was high in colonic segments without fecal stream. The intervention with infliximab reduced the inflammatory score in excluded colonic segments. The content of myeloperoxidase was reduced in colonic segments of animals treated with infliximab mainly in high concentrations.</p> <p>Conclusion: Intervention with infliximab reduced the inflammation and the neutrophil infiltrate in colonic segments devoid of the fecal stream.</p>
Fomento	