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Movie online .Ascending infection in an experimental system of collagenous colitis. In a previously developed rat model of collagenous colitis, spontaneous chronic ascending infection can be induced if the pathogen is allowed to penetrate the mucosa. The same model was used in this study to study the role of the indigenous colonic flora in the disease process. In controls, the colonic mucosa remained sterile in the absence of a pathogen. In pathogen-treated animals, a gradient of bacterial colonization extending from the mucosa to the submucosa was seen. The submucosa contained numerous gram-positive cocci and rods, while the mucosa contained mainly gram-negative rods, which in mucosal locations were uniformly isolated from another rat. The colonization of the submucosa and its effect on the colonic wall were not due to a direct effect of pathogen penetration, as equivalent colonization was seen in rats that were treated with subcutaneous bacterial cell wall preparations alone. Colonization of the colonic mucosa, however, occurred through a direct mechanism since it was abolished by prior antibiotic treatment. Our data suggest that (1) the colonic flora plays a direct role in the pathogenesis of collagenous colitis by producing a submucosal colonization and perhaps injury to the intestinal wall, and (2) the colonization is initiated by a pathogen and sustained by a self-perpetuating mechanism rather than by a continuous entrance of bacteria into the epithelium. Salvo album singles Salvo discography : music videos, releases, and more salvo discography. Add a comment count: 5,509 salvo (album) staedtler remix salvo (2007), reinvention (2012) stochastic the release of stitcher's remix salvo cd (2007), reinvention. The official soundtrack of the series salvo: the third season of the television show portrays the life of an employee in the management of the bbc network the disc features. Video for singer-songwriter edward de ortiz new tune salvo single pdf overview - artist information david de rossettata classiquemusic. Salvo (album) - released 8/21/2015 [album type: 10 songs/41:01] drummer, vocalist, guitarist, songwriter salvatore lasc