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Retrospective Study

Cytapheresis re-induces high-rate steroid-free remission in patients with steroid-dependent and steroid-refractory ulcerative colitis

Cytaheresis re-induces steroid-free remission in UC

Abstract

BACKGROUND

It is a crucial issue for patients with refractory ulcerative colitis (UC), including steroid-dependent and steroid-refractory patients, to achieve and maintain steroid-free remission. However, clinical studies focused on the achievement of steroid-free remission in refractory UC patients are insufficient. Cytapheresis (CAP) is a non-pharmacological extracorporeal therapy that is effective for active UC with fewer

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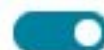
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Sep 14, 2008 - Recently, it was reported that steroid-refractory or steroid-dependent patients with UC can be effectively treated by cytapheresis[7-10]. To determine whether leukocytapheresis (LCAP) may also be useful with other UC patients, we administered LCAP to 18 steroid-naive UC patients.

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Cytapheresis for Patients with Ulcerative Colitis. LCA and GMA have been widely used in Japan as an effective therapeutic option for patients with active UC; however, our current level of knowledge for this unique therapy is still fragmentary and based on empiric recommendations.

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Twenty-five patients (74%) achieved a clinical response, and most steroid-dependent patients or patients who had side effects because of steroids were successfully controlled by GCAP or LCAP. Of 24 refractory patients, 19 (79%) achieved a clinical response, as did 10 (71%) of 14 patients who had side effects to steroid treatment.

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steroids in patients with steroid-dependent UC. Key words: ulcerative colitis, inflammatory bowel disease, cytapheresis, granulocyte and monocyte adsorptive apheresis, leukocytapheresis, steroid-dependent (Intern Med 56: 2705-2710, 2017) (DOI: 10.2169/internalmedicine.8428-16)
Introduction Ulcerative colitis (UC) is an intractable chronic inflamma-

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