Reviewer's report

Title: Looking for Predictive Factors of Clinical Response to Adsorptive Granulocyte and Monocyte Apheresis in Patients with Ulcerative Colitis

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Reviewer: Abbi Saniabadi

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MS title: Looking for Predictive Factors of Clinical Response to Adsorptive Granulocyte and Monocyte Apheresis in Patients with Ulcerative Colitis, by DR Yoko Yokoyama, and colleagues

In a retrospective setting, the authors have looked at the clinical and endoscopic features of patients with active ulcerative colitis who may respond to selective depletion of elevated myeloid lineage leucocytes, or otherwise, might be non-responders. Basically an extracorporeal, non-pharmacologic treatment strategy. A total of 43 patients with active colitis were treated in an outpatient setting, each received 10 treatment sessions over 10 weeks. The authors factored patients’ entry demographic variables into analyses by receiver operating characteristic (ROC), and multiple logistic regression. They found that patients with a short duration of UC and low cumulative corticosteroid dose at entry were good responders, but the best responders were patients who received the treatment immediately after a clinical relapse. Patients with a high cumulative corticosteroid dose and those with extensive loss of the mucosal tissue at the lesion sites were non-responders.

The manuscript is well written, the standard of the English language is high. Likewise, the manuscript has sound and clinically relevant data. Therefore, I have no hard words for the authors.

Level of interest: An article of outstanding merit and interest in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.