Title: Comparison of a MiECC: Antilipidic Reservoir and Antileukocytes System vs a System using a Cell Saver

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Abstract:

Minimal invasive extracorporeal circulation (MiECC) comprises a completely closed circuit, coated surfaces and the separation of suction blood. However, via two study groups, MiECC filtered blood with antilipid filter and leukocyte vs blood cell saver processed; to produce different results based on the count of the figurative elements of the blood at the pre-operative blood count and the degree of reactivity of the components of the coagulation by TEG, then the best approach can be structured on the typology.

As demonstrated, from numerous studies the cell saver reduces the systemic inflammatory response, however it eliminates plasma and piastine, protein components, where present a particular clinical condition can be lost and alter the coagulation, and the osmotic colloid pressure for higher blood losses to 500 ml.