

REMOVAL OF SELECTED FACTORS FROM
WHOLE BLOOD OR ITS COMPONENTS

Abstract of the Disclosure

5 This invention provides a composition, device
and method for the removal of selected factors, such as
cytokines or pharmaceuticals, from a substance such as
whole blood or plasma. Advantageously, the invention
provides for the treatment or prevention of septic shock
10 syndrome or other conditions evidenced by the presence of
cytokines in a patient by contacting the patient's whole
blood with a composition comprising silica and a surface
treatment material, such as heparin, but preferably human
serum albumin (HSA). The treatment lowers the cytokine
15 concentration of the blood. Pharmaceuticals can be
removed from an individual's whole blood or plasma, such
as for use in treating drug overdose.

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