## **CRRT TREATMENTS WITH CITRATE**







HFS - Hemofiltration double bag. Custom formula available

CITRACHOICE - Citrate for Hemofiltration.

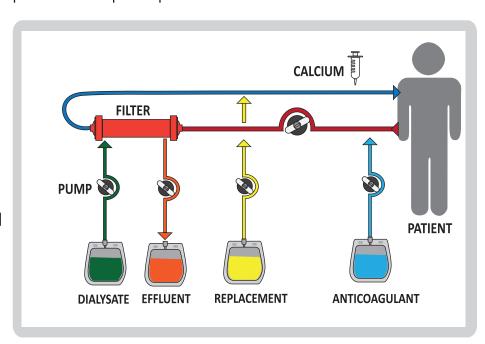
Custom formula available

## Regional citrate anticoagulation (RCA) for CRRT treatment

In renal replacement therapies, the anticoagulant is responsible for preventing the blood clotting in the filter of the extracorporeal circuit and allowing a long lasting purification which this way is also more effective.

Currently, to prevent coagulation, standard Heparin is used (Heparin Sodium): it reaches the patient's circulation and facilitates bleeding complications such as thrombocytopenia that could cause serious problems especially to patients with post operative course.

The anticoagulation treatment made with Citrate seems to be, from a clinical point of view, the most interesting treatment concerning CRRT techniques with blood dilution: it does not reach the patient's circulation, it prevents any coagulation event and reduces the concentration of ionized Calcium that is eventually balanced in the patient's body by a continuous infusion of CaCl. The dialyzers which are suitable for this kind of therapy must have the fourth pump.





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