Table of contents

Chapter		Page
1	General introduction and outline of the thesis	3
	Part 1: Overview of acute kidney injury and renal replacement therapy in the intensive care unit	
2	Acute kidney injury and renal replacement therapy in the intensive care unit	17
3	Patient safety during continuous renal replacement therapy	51
	Part 2: Optimizing continuous renal replacement therapy in the intensive care unit	
4	Pre- versus postdilution continuous venovenous hemofiltration: no effect on filter life and azotemic control in critically ill patients on heparin	61
5	Delivered dose of continuous venovenous hemofiltration predicts outcome in septic patients with acute kidney injury: a retrospective study	75
6	Determinants of outcome in non-septic critically ill patients with acute kidney injury on continuous venovenous hemofiltration	93
7	How do I use citrate-based CVVH in predilution?	109
8	Continuous venovenous hemofiltration with or without predilution regional citrate anticoagulation: a prospective study	123
9	Metabolic effects of citrate-based versus bicarbonate-based substitution fluid in continuous venovenous hemofiltration: a prospective sequential cohort study	141
10	Continuous venovenous hemofiltration with citrate-buffered replacement solution is safe and efficacious in patients with high bleeding risk	161
11	Summary and future perspectives	181
12	Nederlandse samenvatting voor niet-ingewijden	193
13	Dankwoord	203