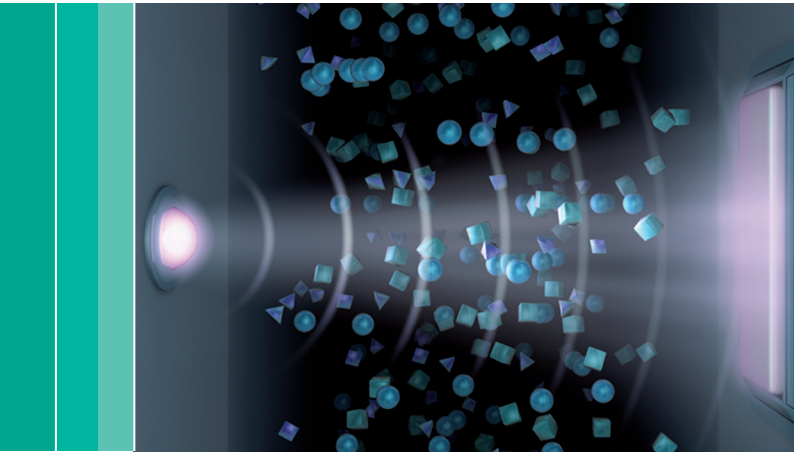
Adimea™ UV-Kt/V Option
Pocket Guide



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SHARING EXPERTISE

Adjusting treatment parameters

Adimea offers direct control of 3 important clearance influencing factors

Blood flow rate

Dialysate flow rate

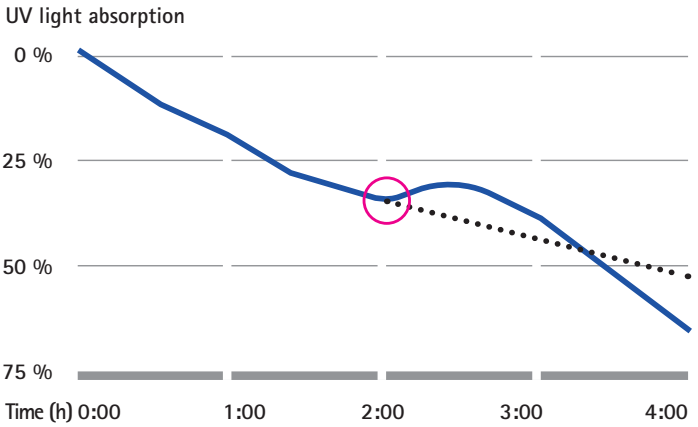
Effective dialysis time

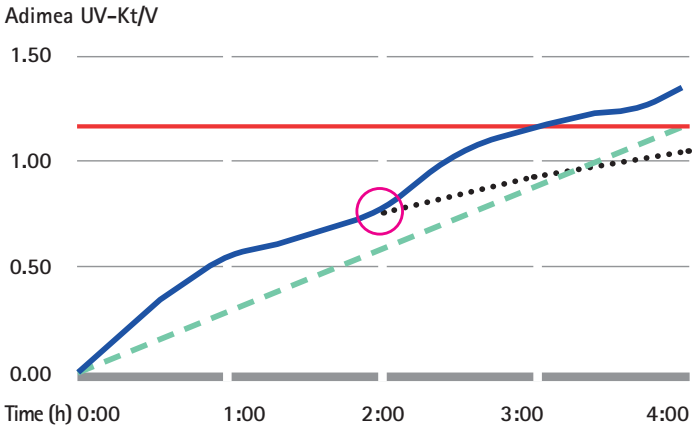
Changes in blood flow and/or dialysate flow influence clearance. A longer dialysis time means more time to remove urinary excreted substances. The case studies on the following pages demonstrate theoretically what effects changes in these parameters have on the treatment outcome.[1]

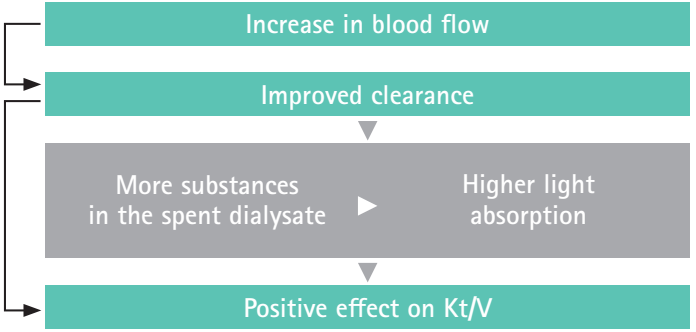
1. Walter H. Hörl; Christoph Wanner : Dialyseverfahren in Klinik und Praxis - Technik und Klinik. 6., vollständig neu überarbeitet Auflage (2004). S.:208 / 209)."

Adjustments to treatment parameters during dialysis sessions must be approved by the physician.

Increasing blood flow ➲ increases Kt/V

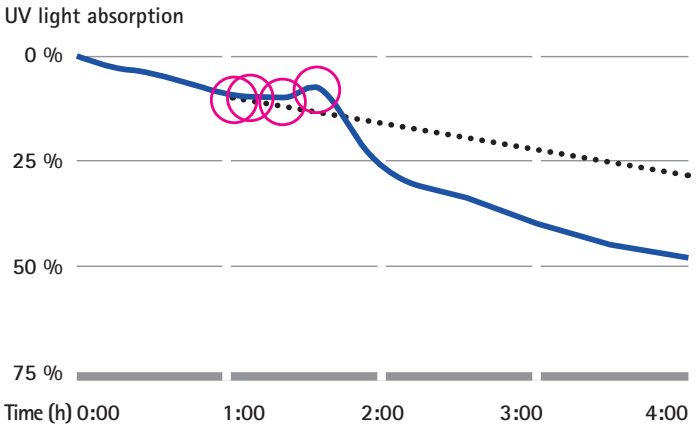


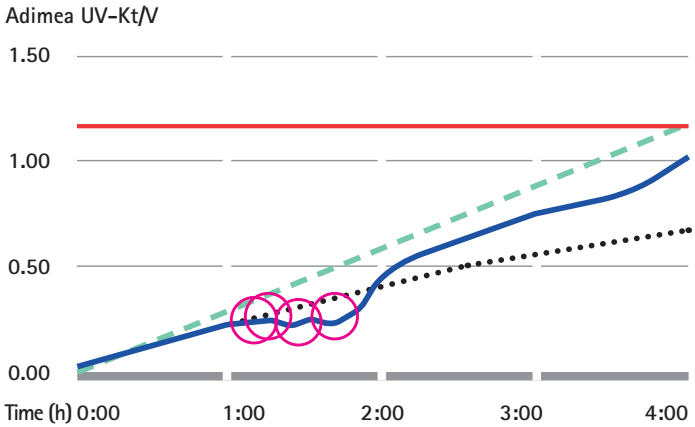


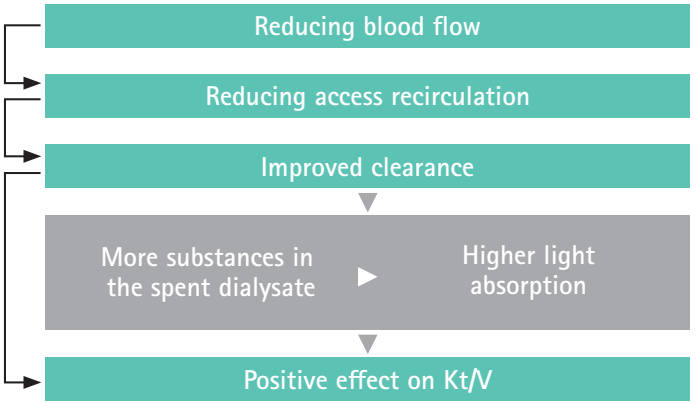


- Actual treatment curve (including change in treatment parameters)
- Predicted treatment curve without adjustment in treatment parameters
- Kt/V orientation line (Dialog⁺ screen)
- Target Kt/V
- User intervention time point

Reducing blood flow while reducing access recirculation ➔ increases Kt/V

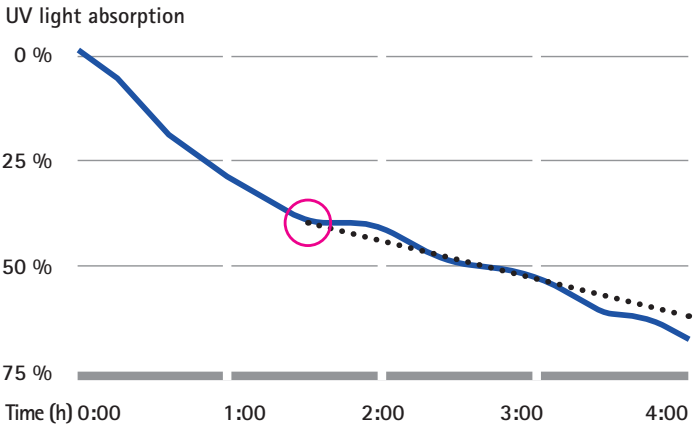


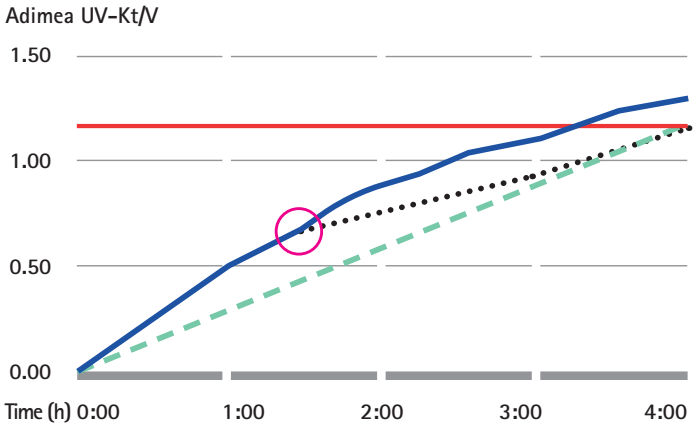


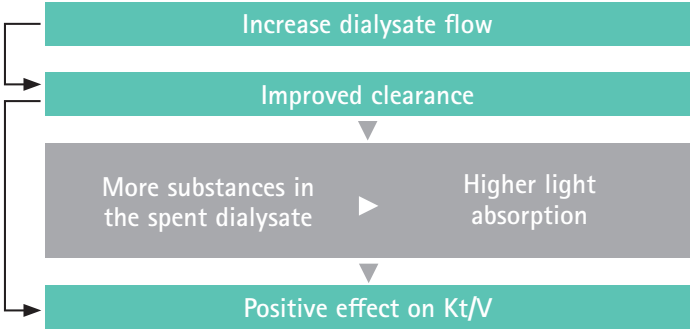


- Actual treatment curve (including change in treatment parameters)
- Predicted treatment curve without adjustment in treatment parameters
- Kt/V orientation line (Dialog⁺ screen)
- Target Kt/V
- User intervention time point

Increasing dialysate flow ➔ increases Kt/V

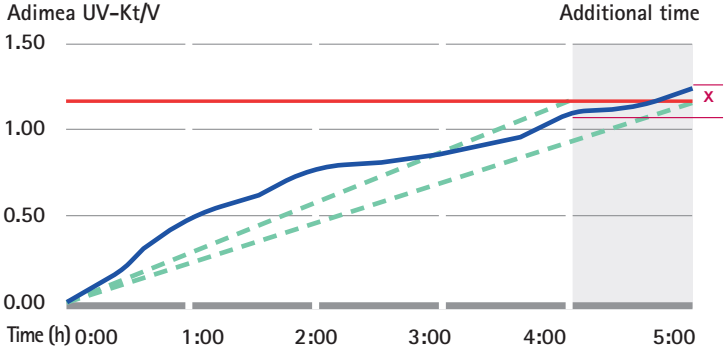






- Actual treatment curve (including change in treatment parameters)
- Predicted treatment curve without adjustment in treatment parameters
- Kt/V orientation line (Dialog⁺ screen)
- Target Kt/V
- User intervention time point

Extending dialysis time ➲ increases Kt/V



x Difference in Kt/V with different treatment durations
Actual treatment curve (including change in treatment parameters)
Predicted treatment curve without adjustment in treatment parameters
Kt/V orientation line (Dialog⁺ screen)
Target Kt/V
User intervention time point

Longer dialysis time

More time to remove urinary excreted substances

Higher Kt/V at the end of dialysis

Steadily falling Kt/V values

Act.Kt/V [-]
1.43
1.43
1.45
1.41
1.25
1.08
1.14
1.01
0.98

Decreasing Kt/V trend

If a steadily falling Kt/V value is displayed in the Kt/V table, stenosis could be developing. Check if other treatment parameters (blood flow/dialysate flow/treatment time) are consistent. If yes: check patient's vascular access for stenosis.

Rx Only. For more information, please contact your B. Braun Renal Therapies Division sales respresentative, or call Customer Support at 1-800-848-2066. You can email us at rtd.us@bbraun.com.

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