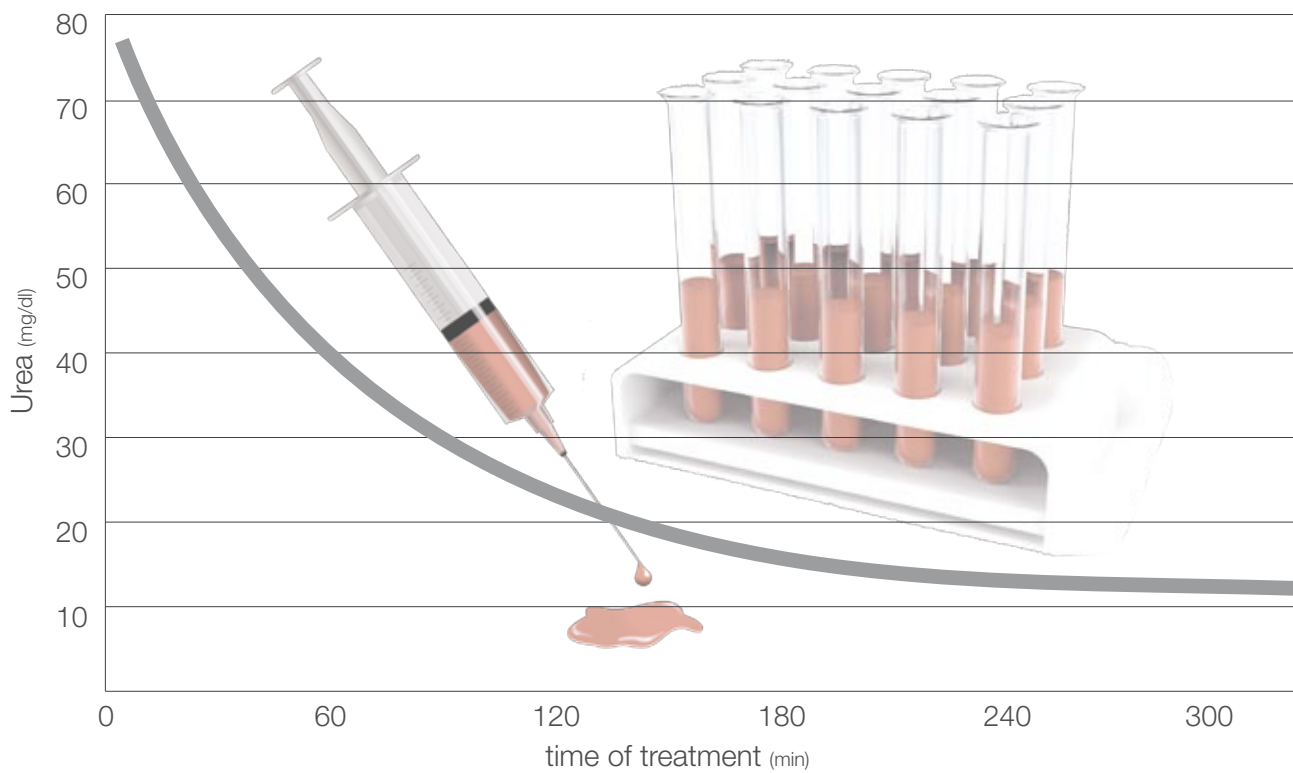




Measuring the delivered Dialysis Dose.

# Dialysis Dose Monitor (optional)





# Dialysis Dose Monitor establishes dialysis quality reaching goals through Kt/V measurement

## Positive long-term prognosis & higher quality of life for your patients!

The delivered dialysis dose influences the long-term prognosis of patients. Several studies\* have proved, that a positive long-term prognosis, and a higher quality of life of patients depend on the actual delivery of dialysis dose.

Unfortunately, this is not always the case. Insufficient clearance performance can have various reasons:

- no counterflow of blood and dialysate due to incorrect connection
- decreasing clearance performance of the dialyser due to secondary membrane formation
- shunt recirculation
- frequent alarms of the dialysis system causing blood pump stop and/or dialysis fluid bypass
- reduced effective blood flow etc.

## Higher demands on the standards of dialysis quality.

Health policy institutions constantly increase the demands on higher standards of dialysis quality. This trend can be noticed in many countries. For that purpose, Kt/V (urea clearance) is seen as a central quality parameter for the quantification of the delivered dialysis dose. In some countries it serves as a basis for the refund of expenses, and the evaluation of dialysis quality.

The main objective is to optimize the delivered dialysis dose, and to enable you to create a complete documentation of the dialysis efficiency.

The optional Dialysis Dose Monitor (DDM) can help achieving your goals.

### Literature\*

Greene T, et al. (Hemodialysis Study Group):

**Association of achieved dialysis dose with mortality in the hemodialysis study: an example of „dose-targeting bias“**  
J Am Soc Nephrol. 2005 Nov; 16 (11): 3371-80. Epub 2005 Sep 28.

Depner T, et al (Hemodialysis Study Group):

**Dialysis dose and the effect of gender and body size on outcome in the HEMO Study**  
Kidney Int. 2004 Apr; 65 (4): 1386-94.

Port FK, et al:

**Dialysis dose and body mass index are strongly associated with survival in hemodialysis patients**  
J Am Soc Nephrol. 2002 Apr; 13 (4): 1061-6.

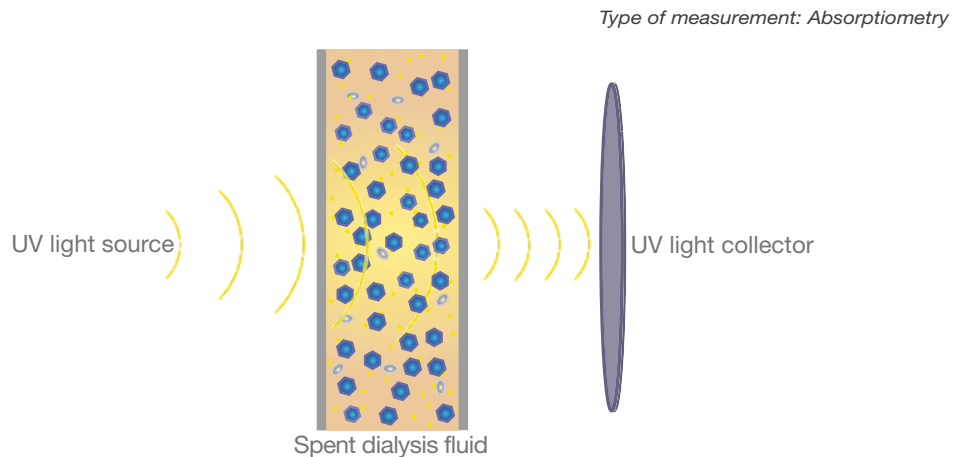


## Advantages of the Dialysis Dose Monitor:

- Real-time monitoring
- Recognize treatment inconsistencies
- Complete documentation of the delivered dialysis dose
- Easy handling
- No additional costs for disposables

## It's a matter of measurement.

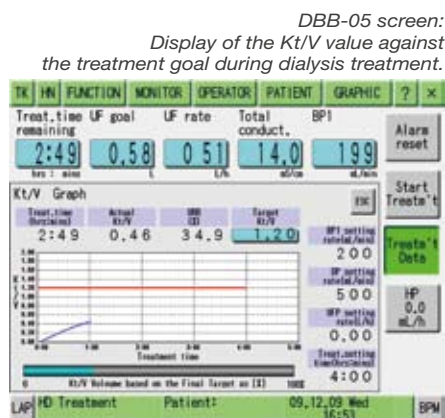
A sensor located directly in the spent dialysis fluid measures the changes in substance concentration of the dialysis fluid enriched with correlate substance with BUN. This is done using absorptiometry. The continuously measured values are inserted in the formulas for single pool Kt/V (spKt/V) and urea reduction ratio (URR) and directly offer the results to you.



## Reaching treatment goals

Reaching the individual treatment goals for your patients can only be achieved by always knowing the actual status. At the same time, changes of treatment regime and necessary adaptations of treatment parameters must be considered.

By using the Dialysis Dose Monitor, you can discover deviations from the treatment goals at an early stage, and react in time.



## Easy handling, accurate result

The Dialysis Dose Monitor is easy to operate. The Dialysis Dose Monitor is activated automatically after entering the parameters. As it is not necessary to enter the distribution volume, which is normally estimated using approximation formulas, you can expect accurate results.



# Always close to you

## Competent point of contact

### For all questions concerning dialysis

Appointments, consultations, material orders, fixing dates for maintenance and servicing - the employees in our head office in Hamburg will be at your disposal for all questions. Do not hesitate to contact us:

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#### Local partner

