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ACCURATE SERUM VALUES FROM DIALYSATE

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Travenol's HD capillary film dialyzer with a small dialysate filling volume has yielded itself to a rapid equilibration time of dialysate with blood concentrations. Recirculation of dialysate for 3 min. with the HD capillary film dialyzer and for 5 min. with Travenol's CF 1200 HFK followed by simultaneous samplings of arterial blood, venous blood and dialysate reveal states of equilibrium to be in very close agreement.

KEY: Arterial Blood/Dialysate

	BUN	Cr.	Na+	K+	Ca+
HD1	33/31	5.8/5.7	132/136	3.9/3.9	4.8/3.6
HD2	33/32	2.9/2.6	142/145	3.4/3.2	4.3/3.1
HD3	26/23	5.6/4.7	132/135	3.7/3.6	5.0/3.7
HD4	51/50	5.5/5.1	143/145	4.8/4.5	4.1/3.0
HD5	21/20	5.7/4.6	138/141	3.9/3.8	4.6/3.7
CF1	34/36	5.8/5.5	130/131	3.4/3.3	4.7/3.4
CF2	69/68	13.4/13.5	131/137	4.7/4.7	4.2/3.0
CF3	70/68	10.3/9.6	137/139	4.9/4.8	3.7/2.4
CF4	36/39	4.9/5.1	132/135	3.8/3.8	5.2/3.7
CF5	47/50	9.4/9.6	136/140	4.5/4.4	4.0/3.1

The use of a vavular hand operated device achieving 1100 cc/min. dialysate recirculation flow has produced an agreeable procedure for determining blood concentrations before, during and after dialysis without taking blood samples.

CHECK ONE ONLY.

Subspecialty desired for presentation.

- | | |
|---|--|
| <input type="checkbox"/> Physician | <input type="checkbox"/> Other |
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WESTERN DIALYSIS AND TRANSPLANT SOCIETY AND WESTERN REGION AANNT

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3 Titles should be **brief** and in **caps**, clearly indicating the nature of the investigation. Then state authors names (underline presentor's name ONLY), institutional affiliation and city and state (**all in lower case**). If no institution is involved, list city and state only. Include degrees but omit titles, institutional appointments, street address, and zip code. Do not mention support of work by a research grant

4 Use of standard abbreviations is desirable (RBC, for example). Use Kg., Gm., mg., ml., L (liter), mEq., M (meter), mOsm (milliosmols), / (per), and %. Place special or unusual abbreviations in parentheses after the full word, the first time it appears. Use numerals to indicate numbers, except to begin sentences

5 Organize the body of the abstract into one paragraph as follows

a. A statement of the purpose of the study (preferably one sentence)

b. A statement of the methods used

c. A summary of the results presented in sufficient detail to support the conclusions

d. A statement of the conclusions reached. (It is not satisfactory to state, "The results will be discussed.")

e. Do not use subtitles, e.g. methods, results

6 Simple tables or graphs, neat and in black ink, may be included if they fit within the rectangular form. Non-proprietary (generic) names are required the first time a drug is mentioned, written in small letters. Proprietary names are always capitalized

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