

# United States National Registry of continuous ambulatory peritoneal dialysis

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## SUMMARY

At present time (1982) over 5,000 patients in USA are undergoing CAPD therapy. Over 3,000 of these patients are followed by the Registry of USA sponsored by the National Institutes of Health and coordinated by the University of Missouri. These data are currently analyzed and still not available.

During 1981 a pilot study included 14 centers and 562 patients. Actuarial technical survival (patients still on CAPD) at the end of the first year was of 43 %.

**Key words:** CAPD, Actuarial Survival on CAPD.

## RESUMEN

Se calcula que en marzo de 1982 había 5.000 pacientes tratados con DPCA en Estados Unidos.

De ellos, unos 3.000 están incluidos en un Registro Nacional subvencionado por los National Institutes of Health y coordinado por el Health Sciences Center de la Universidad de Missouri. No obstante, los datos de este Registro están siendo analizados en la actualidad y no se dispone de resultados.

A lo largo de 1981 se llevó a cabo un estudio piloto que incluía 562 pacientes de 14 centros hospitalarios.

Este estudio mostró una incidencia de peritonitis de 1,93 episodios por paciente y año. La supervivencia actuarial de pacientes a los 12 meses era del 86 %, siendo la supervivencia técnica (pacientes todavía en CAPD) del 43 %.

**Palabras clave:** DPCA, supervivencia actuarial en DPCA.

The National Institutes of Health is sponsoring a CAPD Registry of United States patients, coordinated by the University of Missouri Health Sciences Center. At the present time over 5000 patients in the United States are undergoing CAPD therapy. Over 300 of these patients are followed at three monthly intervals by the Registry. National data is currently being analyzed.

During the past year a pilot study, including 14 centers, has monitored data on 562 patients. Interesting outcome parameters are summarized in tables I, II and

TABLE I

NATIONAL REGISTRY PILOT DATA (1981)

1. Centers .....	14
2. Patients .....	562
3. Patient years .....	299
4. Peritonitis episodes/patient year .....	1.93
5. Exit site and/or tunnel infections/patient year .....	0.75
6. Catheter replacements/patient year .....	0.40
7. Hospital admissions/patient year .....	2.5
8. Hospital days/patient year .....	25.7

TABLE II

ACTUARIAL SURVIVALS - NATIONAL REGISTRY PILOT DATA (1981)

Time on CAPD (mo.)	Peritonitis free pts. (%)	Pts. with no exit tunnel infection (%)	Pts. not hospitalized (%)	Pts. with original catheter (%)	Pts. survival (%)	Pts. still on CAPD (%)
1-3	71	78	53	86	96	87
4-6	46	65	36	81	92	72
7-9	33	59	16	67	86	54
10-12	24	59	16	67	86	43

TABLE III  
**MEDIAN TIME TO OUTCOME**  
**NATIONAL REGISTRY PILOT DATA (1981)**

Outcome	Median Time (months)
1. First Hospital Admission .....	3.4
2. First Episode of Peritonitis .....	5.5
3. Withdrawal from CAPD .....	10.2

III. Such results are preliminary, but provide examples of how the entire National data base will be analysed.

The National data will be analyzed to determine actuarial survivals of patients, the CAPD technique, and the time to a variety of outcome measures. Infection rates will be analyzed as a function of age, sex, race, time on CAPD, mobility, level of education, and many other variables.

#### REFERENCES

1. NOLPH, K. D.: «Principal investigator, The National Registry Pilot Study Group: The National Registry of CAPD patients». *Dialysis and Transplantation*, 10: 744-750, 1981.