

Correction of metabolic acidosis in continuous ambulatory peritoneal dialysis patients with borderline dialysis adequacy - effect on nutritional status, systemic inflammatory response and patient morbidity

Submission date 10/10/2002	Recruitment status No longer recruiting	<input type="checkbox"/> Prospectively registered
Registration date 10/10/2002	Overall study status Completed	<input type="checkbox"/> Protocol
Last Edited 02/07/2009	Condition category Nutritional, Metabolic, Endocrine	<input type="checkbox"/> Statistical analysis plan
		<input checked="" type="checkbox"/> Results
		<input type="checkbox"/> Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
Dr CC Szeto

Contact details
Department of Medicine & Therapeutics
Prince of Wales Hospital
Chinese University of Hong Kong
-
Hong Kong
-

Additional identifiers

Protocol serial number
931010

Study information

Scientific Title

Study objectives

Evaluate the effects of correcting acidosis by oral sodium bicarbonate in peritoneal dialysis patients with weekly Kt/V values below 2.1.

Ethics approval required

Old ethics approval format

Ethics approval(s)

Not provided at time of registration

Primary study design

Interventional

Study design

Randomised controlled trial

Study type(s)

Treatment

Health condition(s) or problem(s) studied

Metabolic acidosis

Interventions

Patients will be randomised to receive either:

1. Oral sodium bicarbonate 0.9 g three times a day (tds)
2. Placebo

Patients were followed up for 12 months.

Intervention Type

Drug

Phase

Not Specified

Drug/device/biological/vaccine name(s)

Sodium bicarbonate

Primary outcome(s)

1. Nutritional status
2. Total number of days in hospital admission during study period
3. All-cause mortality

Key secondary outcome(s)

Not provided at time of registration

Completion date

01/04/2003

Eligibility

Key inclusion criteria

1. End-stage renal failure patients
2. Receiving Continuous Ambulatory Peritoneal Dialysis (CAPD)
3. Weekly Kt/V 1.6 to 1.9
4. Metabolic acidosis (plasma bicarbonate less than 24 mmol/l)

Participant type(s)

Patient

Healthy volunteers allowed

No

Age group

Adult

Sex

All

Key exclusion criteria

Does not meet inclusion criteria

Date of first enrolment

01/12/2000

Date of final enrolment

01/04/2003

Locations

Countries of recruitment

Hong Kong

Study participating centre

Department of Medicine & Therapeutics

-

Hong Kong

-

Sponsor information

Organisation

Hong Kong Health Services Research Fund (Hong Kong)

ROR

<https://ror.org/03qh32912>

Funder(s)

Funder type

Government

Funder Name

Hong Kong Health Services Research Fund (Hong Kong)

Results and Publications

Individual participant data (IPD) sharing plan

IPD sharing plan summary

Not provided at time of registration

Study outputs

Output type	Details	Date created	Date added	Peer reviewed?	Patient-facing?
Results article	results	01/08/2003		Yes	No