ISRCTN35726272 https://doi.org/10.1186/ISRCTN35726272

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	Recruitment status
10/10/2002	No longer recruiting
Registration date	**Overall study status**
10/10/2002	Completed
Last Edited	**Condition category**
02/07/2009	Nutritional, Metabolic, Endocrine

[_] Prospectively registered
[_] Protocol
[_] Statistical analysis plan
[X] Results
[_] Individual participant data

Plain English summary of protocol
Not provided at time of registration

Contact information

Type(s)
Scientific

Contact name
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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