# 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  No longer recruiting	<ul><li>Prospectively registered</li></ul>		
10/10/2002		☐ Protocol		
Registration date	Overall study status	Statistical analysis plan		
10/10/2002	Completed	[X] Results		
<b>Last Edited</b> 02/07/2009	<b>Condition category</b> Nutritional, Metabolic, Endocrine	[] 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

#### Study design

Randomised controlled trial

#### Primary study design

Interventional

#### 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

# **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

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Hong Kong

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# 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