

# A randomised controlled trial to evaluate the effectiveness of a pharmacist's telephone reminders in reducing mortality in patients receiving polypharmacy

|                                        |                                                   |                                                                                                   |
|----------------------------------------|---------------------------------------------------|---------------------------------------------------------------------------------------------------|
| <b>Submission date</b><br>05/10/2004   | <b>Recruitment status</b><br>No longer recruiting | <input type="checkbox"/> Prospectively registered<br><input type="checkbox"/> Protocol            |
| <b>Registration date</b><br>15/02/2005 | <b>Overall study status</b><br>Completed          | <input type="checkbox"/> Statistical analysis plan<br><input checked="" type="checkbox"/> Results |
| <b>Last Edited</b><br>18/02/2008       | <b>Condition category</b><br>Other                | <input type="checkbox"/> 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

HSRC/HCPF226103

# Study information

## Scientific Title

## Study objectives

To investigate the effects of compliance and periodic telephone counselling by a pharmacist on mortality in patients receiving polypharmacy.

## Ethics approval required

Old ethics approval format

## Ethics approval(s)

Added as of 22/10/2007:

Ethics approval received from the Chinese University of Hong Kong clinical research ethics committee.

## Primary study design

Interventional

## Study design

Randomised controlled trial

## Study type(s)

Treatment

## Health condition(s) or problem(s) studied

Compliance to polypharmacy

## Interventions

Patients randomised to the intervention group received a 10 - 15 minute telephone call from the pharmacist for education and counselling between clinic visits for 2 years. Patients in the control group did not receive any telephone reminders.

## Intervention Type

Other

## Phase

Not Specified

## Primary outcome(s)

Time from randomisation to death from any cause.

## Key secondary outcome(s)

1. Changes in the rate of admission to hospital
2. Number of emergency room visits
3. Hospital stay in the two years before and after the screening visit
4. Changes in compliance

## Completion date

01/06/1999

## Eligibility

### Key inclusion criteria

Patients receiving polypharmacy defined as five or more chronic medications who were found to be non-compliant upon first assessment by pharmacist

### Participant type(s)

Patient

### Healthy volunteers allowed

No

### Age group

Adult

### Sex

All

### Key exclusion criteria

1. Speak non-Cantonese dialects or a different language
2. Conditions that prevented effective communication (for example, patients who are deaf, mute, or have dementia or other psychological disorders)
3. Live in nursing homes with supervised treatment

### Date of first enrolment

01/10/1998

### Date of final enrolment

01/06/1999

## Locations

### Countries of recruitment

Hong Kong

### Study participating centre

Dept of Medicine and 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 SAR Government Health Services Research Committee (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? |
|---------------------------------|---------|--------------|------------|----------------|-----------------|
| <a href="#">Results article</a> | Results | 09/09/2006   |            | Yes            | No              |