

# Injured road user's health-related quality of life after telephone intervention

**Submission date**  
08/11/2008

**Recruitment status**  
No longer recruiting

Prospectively registered

Protocol

**Registration date**  
02/01/2009

**Overall study status**  
Completed

Statistical analysis plan

Results

**Last Edited**  
04/08/2009

**Condition category**  
Injury, Occupational Diseases, Poisoning

Individual participant data

**Plain English summary of protocol**  
Not provided at time of registration

## Contact information

**Type(s)**  
Scientific

**Contact name**  
Prof Ulf Björnstig

**Contact details**  
Department of Surgical and Perioperative Sciences  
Division of Surgery  
Umeå University  
Umeå  
Sweden  
S-901 87  
+46 70 530 4377  
ulf.bjornstig@vll.se

## Additional identifiers

**Protocol serial number**  
N/A

## Study information

**Scientific Title**  
Injured road user's health-related quality of life after telephone intervention: a randomised controlled trial

**Study objectives**

To assess whether injured road users, aged 18-70 years, who received nursing intervention via telephone follow-up after the injury, would have higher levels of health-related quality of life than those who did not receive such intervention.

**Ethics approval required**

Old ethics approval format

**Ethics approval(s)**

Ethics Committee, Umeå University, approved on 19/02/2003 (ref: dnr 03-079)

**Study design**

Randomised controlled parallel group trial

**Primary study design**

Interventional

**Study type(s)**

Treatment

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

Quality of life after road injury

**Interventions**

The participants were randomly allocated to the intervention and control groups (1:1 randomisation ratio). The intervention group received routine care and nursing via telephone follow-up three weeks after discharge, while the control group received routine care only.

The intervention consisted of a telephone contact with a registered nurse who had a background in emergency care. The nurse initiated the contact by telephone three weeks after discharge from hospital. The dialogue was focused on the participants current situation and experiences of the injury. An open introductory question was asked: " How do you feel, and how have things been for you?" The nurse used open questions to enquire about the injured persons status, and evaluated the injured perceptions of the patients situation. After the first telephone contact, members of the intervention group were permitted to call the nurse at any time during the six months if they had any injury-related problems.

**Intervention Type**

Other

**Phase**

Not Applicable

**Primary outcome(s)**

Health-related quality of life, assessed by the Euroqol EQ-5D (mail survey) at baseline in both study arms, at three months in the intervention arm only and six months in both study arms.

**Key secondary outcome(s)**

No secondary outcome measures

**Completion date**

30/04/2005

## Eligibility

**Key inclusion criteria**

1. Both males and females, age 18-70 years
2. Member of one of the three road user categories:
  - 2.1. Car occupants
  - 2.2. Cyclists
  - 2.3. Pedestrians
3. Having attended the emergency department of the Umeå University Hospital after an injury event in the traffic environment

**Participant type(s)**

Patient

**Healthy volunteers allowed**

No

**Age group**

Adult

**Lower age limit**

18 years

**Upper age limit**

70 years

**Sex**

All

**Key exclusion criteria**

Diagnosis of dementia or mental illness

**Date of first enrolment**

01/04/2003

**Date of final enrolment**

30/04/2005

## Locations

**Countries of recruitment**

Sweden

**Study participating centre**

Department of Surgical and Perioperative Sciences  
Umeå  
Sweden  
S-901 87

## Sponsor information

### Organisation

Umeå University (Sweden)

### ROR

<https://ror.org/05kb8h459>

## Funder(s)

### Funder type

Other

### Funder Name

The Swedish Association for Cancer and Traffic Victims (Sweden)

## 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	01/01/2009		Yes	No
<a href="#">Results article</a>	results	11/06/2009		Yes	No