Attitudes of Patients to Participate in Research when being admitted to Hospital with Acute Chest Pain

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Introduction

- 700,000 patients per annum attend Emergency Department (ED) in the UK with chest pain

- Commonest 999 call - 30% admissions

- Vulnerable group – sudden onset, pain, anxiety, alone

- Research in ED – ethical dilemmas
Consent to research in the (ED)

- Informed Consent (IC)
  - ≥24hrs, GCP-ICH
  - GMC ‘no decision about me without me’

- Without IC
  - Autonomy is questioned
  - Unethical practices
  - Halt novel therapies

- Provisional Consent (PC)
  - <24hrs
  - Relationship - patient
  - Next of Kin
Objective

- To explore the views of patients' attitudes to participate in research when being admitted to hospital in the acute phase of chest pain
Methods

- 100 patients previously admitted to the ED with acute Chest Pain
- Cardiology CCU & Cardiac Surgery
- Standardised questionnaire
- Ethics Approval
Questionnaire

- Provisional Consent
- Blood Sampling
- Next of Kin
- Lack of Capacity
- Death
- Data
Informed Consent

- 92% preferred contact for IC during their hospital admission

- 54% patient only
- 43% patient and NOK
Venesection

- Ninety-three percent of patients supported provisional consent prior blood sample analysis
- 98% accepted storage of samples until IC
- After IC analysis for blood samples for novel biomarkers was acceptable by 97%
Lack of Capacity & Death

- Lack of capacity – 80.4% agreed the researcher could contact their NOK for IC

- Death - Prior to or after IC 78.4% of patients would allow their NOK - IC for analysis of blood samples and review medical notes
Data

- 99% content for us access their medical notes – confidential
- 97% supported an ‘expert team’ review scans/x-rays
- 97% agreed to long term outcomes to be tracked via their GP or Office of National Statistics
Summary

- Patients supported research in acute phase of admission with provisional consent and later formal informed consent by themselves or NOK
- Data useful for research in this population of patients
- Patient and Public Involvement
References


- International Conference of Harmonisation – Good Clinical Practice

