

## Abstract

### Introduction:

Biobanks and bio-specimen collections are becoming a primary means of delivering personalized diagnostics and tailoring individualized therapeutics. This subject requires interactions among a variety of stakeholders, including the public, patients, healthcare providers, government, and donors. Very few studies have investigated the role of healthcare students in bio-banking and bio-specimen donations.

### Aim & objectives:

The main aims of this study were (1) to evaluate the knowledge of senior healthcare students about biobanks and (2) to assess the students' willingness to donate biospecimens and the factors influencing their attitudes.

### Method:

One hundred questionnaires were distributed to students of medicine, dentistry and health informatics at the Libyan International University in Benghazi.

### Results & conclusion:

The results showed a lack of knowledge about the human genome project and the biobanks. However, there was a strong turnout from students to donate bio specimen, biobanks to improve the health system and facilitate the process of research's and medical studies and try to reduce common diseases.