The TREAT Asia HIV Observational Database: baseline and retrospective data

N. Kumaresan, Julius Jeppe

Introduction

The TREAT Asia HIV Observational Database is a longitudinal cohort of patients on ART in Asia. The database includes a variety of sites in Asia, including China, India, Thailand, and Vietnam, and has been collecting data since 1998. The database is intended to provide a comprehensive picture of HIV treatment outcomes across Asia.

Methods

TREAT Asia is a collaborative international cohort study of adults in the Asia and Pacific region designed and run to report on patients treated with ART. The database includes data from over 100 sites in Asia, covering over 20 countries. The database is intended to provide a comprehensive picture of HIV treatment outcomes across Asia.

Results

By the end of December 2012, only patient had been enrolled in TREAT Asia. The majority of the patients were males, with a median age of 40 years. The median duration of treatment was 48 months, with the median duration of treatment being 48 months.

Table 1: Patient characteristics.

- Age (years):
  - Median: 40
- Gender:
  - Male: 70%
- Duration of treatment (months):
  - Median: 48

Table 2: Type of prior AIDs among patients with AIDs and among all TREAT Asia patients.

- AIDs:
  - Median CD4: 200 cells/μL
- AIDs among patients:
  - Median CD4: 200 cells/μL
- AIDs among TREAT Asia patients:
  - Median CD4: 200 cells/μL

Table 3: Patients associated with change in CD4 counts at each month among patients receiving ARV treatment.

- Change in CD4 counts:
  - Median: 100 cells/μL
- Patients associated with change in CD4 counts:
  - Median: 100 cells/μL

Table 4: Patients associated with change in CD4 counts at each month among patients receiving ARV treatment.

- Change in CD4 counts:
  - Median: 100 cells/μL
- Patients associated with change in CD4 counts:
  - Median: 100 cells/μL

Patient demographics, type of disease and antiretroviral treatment data are collected. Retrospective data are collected when the patient is lost to follow-up and the patient is not able to return to the clinic. The data is collected from the patient's medical record or from the patient's family or caregiver. The data is then entered into the database by trained data managers.

Table 5: Patients associated with change in CD4 counts at each month among patients receiving ARV treatment.

- Change in CD4 counts:
  - Median: 100 cells/μL
- Patients associated with change in CD4 counts:
  - Median: 100 cells/μL

Table 6: Patients associated with change in CD4 counts at each month among patients receiving ARV treatment.

- Change in CD4 counts:
  - Median: 100 cells/μL
- Patients associated with change in CD4 counts:
  - Median: 100 cells/μL

Conclusions

The TREAT Asia HIV Observational Database is a valuable resource for researchers studying HIV treatment outcomes in Asia. The database includes data from over 100 sites in Asia, covering over 20 countries. The database is intended to provide a comprehensive picture of HIV treatment outcomes across Asia.