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URL: <https://datadryad.org/stash/dataset/doi:10.5061%2Fdryad.n5tb2rbtr>

GENERAL INFORMATION

1. Title of Dataset: The effect of sertraline on depression and associations with persistent depression in survivors of HIV-related cryptococcal meningitis

2. Author Information

A. Principal Investigator Contact Information

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3. Date of data collection: 2011-2017

4. Geographic location of data collection: Uganda

5. Information about funding sources that supported the collection of the data:

Wellcome Trust through a Clinical PhD Fellowship [210772] a grant [M007413/1].

This research was also supported by the National Institute of Neurologic Diseases and Stroke, the Fogarty International Center [R01NS086312, R25TW009345], the National Institute of Allergy and Infectious Diseases [T32AI055433], the National Institute of Mental Health [K23MH121220], and Grand Challenges Canada [S4-0296-01].

DATA & FILE OVERVIEW

1. File List: Combined CM Depression Database

METHODOLOGICAL INFORMATION

1. Description of methods used for collection/generation of data:

Previously Published in Rhein, et al., Lancet Infect Dis. 2019 Aug;19(8):843-851 for ASTRO-CM study and Boulware et al., N Engl J Med 2014; 370:2487-24982 for COAT study.

Methods for processing the data:

They were collected via Datafax and compiled using SAS.

3. Instrument- or software-specific information needed to interpret the data:

This is an excel file

DATA-SPECIFIC INFORMATION

1. Number of variables: 33

2. Number of cases/rows: 883

3. Variable List:

PID- participant identification number

age in years

sex 1=male 2=female

on\_art\_000 1= on ART 2 = not on ART

gcs\_000 baseline Glasgow Comma Score

on\_tb\_meds\_000=on baseline TB medications 1= yes 2=no

study 4=ASTRO 3=COAT

stage 1=COAT and ASTRO pilot 2=NOAT only and ASTRO Randomized controlled trial status 4= enrolled 5= compassionate use of therapy and not enrolled

csf\_qcc\_000 baseline CSF quantitative cryptococcal culture in CFU/mL

cd4\_000 baseline CD4 cells/mL from plasma

hivrna HIV RNA or viral load in copies/mL

t2hivrna time to collection of plasma viral load in days from enrollment

hemoglobin\_000= baseline hemoglobin g/dL

creat\_mg\_000= baseline creatine mg/dL

creat\_umol\_000=baseline creatinine in umol/L

csf\_wbc\_000=baseline CSF white blood cell counts/mL

csf\_op\_000= CSF baseline opening pressure in mmH2O

csf\_protein\_000=baseline CSF protein in mg/dL

sterile\_000= baseline CSF culture did not grow (all had positive cryptococcal antigen at enrollment)

gcs\_000\_15= Baseline Glasgow Coma Scale 1=15, 2=<15

csf\_wbc\_000\_5= Baseline CSF white blood cell count <5 1=<5 cells/mL 2=5+

txgroup\_txt=treatment group in text, Placebo or Sertraline for those in ASTRO-CM

txgroup=treatment group 1= Sertraline, 2=placebo

nlp=number of lumbar punctures during hospitalization

sterile14= CSF cryptococcal culture was sterile at 14 days

sterile18=CSF cryptococcal culture was sterile at 18 weeks

cesd\_4 = Center for epidemiologic studies depression scale at 4 weeks

cesd\_12= Center for epidemiologic studies depression scale at 12 weeks

vnum\_cesd\_4=week at which the week 4 visit took place, 40=4 weeks, 80=8 weeks vnum\_cesd\_12= week at which the week 12 visit took place 120=12 weeks

t2death= time to death in days or until censorship

death=death during the study period

4. Specialized formats or other abbreviations used:

ART=Antiretroviral Therapy

GCS= Glasgow Coma Scale, normal is 15

CSF= Cerebral Spinal Fluid

CESD= Center for Epidemiological Studies Depression Scale

The underscore than numbers is a time. \_000 means baseline.

CSF WBCs are <5 or 5+

Sterile14= sterile CSF culture at 14 weeks

Sterile18= sterile CSF culture at 18 weeks

CESD4 means CESD numeric score at 4 weeks post diagnosis with Cryptococcal Meningitis

CESD12 is CESD score at 12 weeks

vnum= visit number

ASTRO-CM= Adjunctive Sertraline for the Treatment of HIV-Associated Cryptococcal Meningitis There was both a pilot trial that evaluated different doses of sertraline (all on sertraline) and a randomized controlled trial in which half are on sertraline.

COAT= Cryptococcal Optimal ART Timing Trial

NOAT=Neurological Outcomes on Antiretroviral Therapy study

CFU=colony forming units