CryptoDex Screening Flow Diagram

Any patient with one or more of:
1. Positive blood or CSF culture
2. Positive serum/plasma LFA test
3. Positive CSF microscopy
4. Positive CSF LFA test

Patient ≥ 18 years old

Invite patient to enter study—OBTAIN INFORMED CONSENT

Study screening
Medical history and examination
Check history/signs of active GI bleeding
Exclude pregnancy with blood or urine testing for all women
Check serum creatinine
Confirm HIV status (clinical history or serological testing)

Has patient had lumbar puncture and CSF examination?

No

Perform Lumbar Puncture
Investigations as per study protocol
Cryptococcal meningitis confirmed

Yes

Lumbar Puncture performed within last 48 hours?

Yes

Check quantitative yeast burden on initial CSF sample if any remains
Repeat Lumbar Puncture if:
1. Raised intracranial pressure is suspected
2. Any uncertainty about diagnosis
3. Required for local standard of care

No (≥48 hours)

Repeat Lumbar Puncture to confirm:
1. The diagnosis
2. CSF Pressure
3. Yeast quantitative count

Randomise patient using the next sequential study pack

Notes
All patients with Cryptococcal meningitis should have HIV confirmed or excluded
All lumbar punctures require verbal or written consent from patients according to site (normal standard of care). Failure to consent to lumbar puncture is a contraindication to lumbar puncture.
Patients may enter the study without lumbar puncture if it is contraindicated, provided they have positive blood cultures for C. neoformans and they have a clinical syndrome consistent with cryptococcal meningitis.
* If cryptococcal meningitis is not confirmed the patient is not eligible for the study.
Patients who have received more than 7 days of treatment for cryptococcal meningitis are not eligible for the study.