



# San Francisco Department of Public Health (SFDPH) TB Clinic

November 2023



## The case

Dec 13, 2018

60 year old male from the Philippines

- Asymptomatic
- Per patient report: history of gout and depression
- Medications: Lurasidone, Trazodone, Risperidone, Wellbutrin, Ibuprofen prn, Vitamin D, Calcium
- Social habits: occasional beer and brandy, 5-10 cigarettes daily



## The case

Six days later

- QFT positive
- Chest X ray- fluffy LUL infiltrate
- Sputa studies ordered
- Patient brought in to get induced sputa and patient “was agitated due to shortness of breath”. Induction refused; patient provided expectorated sputa instead.



## The case

Dec 13, 2018

- Patient had percutaneous lung biopsy to rule out cancer, with results showing necrotizing granulomatous inflammation. AFB smear negative
- Sputa- GeneXp positive
- Patient started empirically on TB treatment:
  - INH 300 mg qd
  - Rifampin 600 mgqd
  - Ethambutol 1200 mg qd
  - Pyrazinamide 1750 mg qd
  - B6 50 mg qd



## The case

Feb 2019:

- Patient hospitalized under 5150 for suicidal ideation and hallucinations, with making threats to kill himself and family, including elderly and small members (ages 4, 6, and 8) in the home.

March 5, 2019:

- Psychiatric meds: switched to olanzapine 10 mg qd and bupriopioin 150 mg, trazodone 100 mg qhs, lorazepam prn
- TB meds: Rifampin was switched to rifabutin.



## Case #1

- The case subsequently did well
- Completed TB treatment on Jun 22, 2019

Some thoughts:

- Case was managed before advent of EPIC electronic medical record system which was a barrier to easily identifying patient's past psychiatric history and to verify his medications.