



BALTIMORE COUNTY
DEPARTMENT OF HEALTH

Addressing Social Determinants of Health to Increase TB Treatment Adherence and Compliance

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March 24, 2025

Agenda

- Case Review
- Identifying Social Determinants of Health
- Addressing Social Determinants of Health
- Final Thoughts
- Clinical Questions

Case Review

- 55 year old, U.S. born, HIV Negative, African American Male
- Initially referred to BCDH as a contact to his son diagnosed with Active TB in November 2023
 - No response to multiple outreach attempts
- December 2023, client and wife agreed to QuantiFERON testing
 - Client Positive, Wife Negative
- December 2023-Feb 2024, no response to outreach, refused Chest x-ray.
- March 2024: CXR (1 view)- questionable left hilar mass
 - Attempted to schedule CT without success

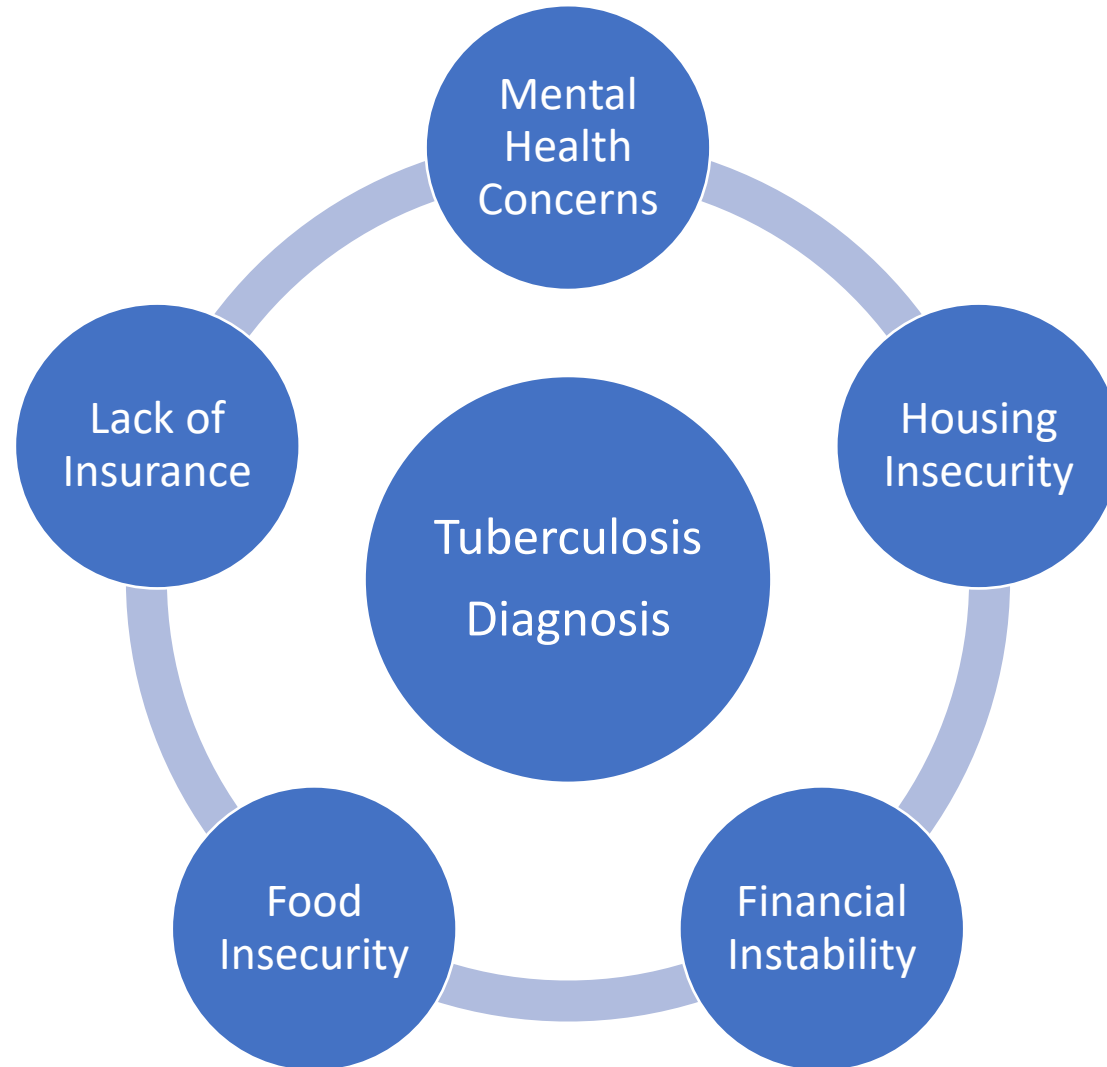
Case Review, (Continued)

- April 2024- Hospital admission for intractable hiccups, nausea, abdominal & leg swelling.
 - CXR PA/Lat normal.
 - CT Abd/pelvis: RLL and lingular nodules, moderate ascites.
 - Paracentesis negative for malignancy
- Early May 2024: 3 sputa obtained while unhoused- smear negative
 - AFB culture added to ascitic fluid
- Mid-May 2024: readmission abdominal distension; positive for COVID
 - Repeat paracentesis performed for suspected malignancy.
- June 12, 2024, cultures collected in May now POSITIVE

Case Review (Continued)

- Client lost upon discharge. CRISP alert entered by MDH. Local hospitals alerted
- Client found at community hospital, third admission for persistent/worsening symptoms of Abdominal Pain and Hiccups, Decreased Appetite, Nausea, Vomiting, and Diarrhea x 1 week. Abdominal Ascites concerning for malignancy.
- 6/17/14 RIPE initiated.
- 7/1/24 Discharged to BCDH Homeless Shelter.

Identifying Social Determinants of Health



Mental Health Concerns

- Client suffered from undiagnosed mental health disorders
- Case Manager attempted to engage client in mental health services, but client refused
- Client's wife was able to engage in mental health care, initiate medication and provide support and stability

Housing Insecurity

- Clients became homeless after the death of their child in 2023
- July 2024-September 2024, client was housed in BCDH homeless shelter in private room
- September 2024-December 2024, BCDH housed client and wife in hotel with full kitchen

Financial Instability

- Client and wife unemployed from time of son's death until October 2024 when housed in hotel
- Client's wife able to gain full time in employment in local restaurant
- Client and wife were able to save funds to move out of hotel and secure private housing

Food Insecurity

- Case manager assisted client and wife to apply for SNAP benefits
- Client provided updated food bank information in the community
- Weekly gift cards provided to client and wife to supplement food while in care from July 2024-December 2024

Lack of Insurance

- Case manager assisted client and wife to apply for Medicaid
- Client and wife engaged in primary care and continued to follow-up

Final Thoughts

- Client completed 6 months of Anti-TB treatment for Active TB
- Wife completed 4 months of TLTBI- Rifampin
- Client and wife continue to remain housed
- Wife remains employed
- Client continues to follow up with BCDH

QUESTIONS?

