Brenda Fitzgerald, MD, Commissioner | Nathan Deal, Governor



2 Peachtree Street NW, 15th Floor Atlanta, Georgia 30303-3142 www.health.state.ga.us

November 20, 2014

Dear Homeless Service Provider,

The Georgia Department of Public Health (GA-DPH) is issuing these *Guidelines for Tuberculosis (TB) Control and Prevention in Homeless Housing Facilities* to help you and your facility prevent the transmission of TB among staff, volunteers and homeless clients and to prevent TB outbreaks in homeless housing facilities in Georgia.

TB is an infectious disease that can spread through coughing and sneezing. It is spread from person-toperson through the air. If untreated, TB can be fatal. As a homeless service provider, you work closely with homeless persons to help meet their needs. This makes you a key partner in preventing the spread of TB in homeless shelters. Public Health needs your support to help control TB.

TB prevention and control among homeless persons may be challenging. But together, we can reduce and even eliminate the spread of TB. These guidelines aim to make this work easier and more efficient. They include tools and procedures that help...

- Increase awareness of TB among staff, volunteers and clients.
- Assure that clients with TB symptoms are assessed and referred to a healthcare provider in a timely manner
- Encourage ongoing and confidential free screening to help identify and treat TB among staff, volunteers and clients
- Increase communication between shelters and public health department staff for disease reporting and coordinating educational updates.

You are key partners in protecting the health and well-being of some of Georgia's most vulnerable citizens. We thank you for your continued support and sincerely hope these guidelines prove useful in your disease control and prevention efforts.

Sincerely,

Brenda Fitzgerald, M.D.

Bul Ft god us

Commissioner, State Health Officer

Guidelines for Preventing and Controlling Tuberculosis in Atlanta Homeless Housing Facilities 2014



Ask about chronic cough.
Listen for cough.
Watch for weight loss.
Refer to Tuberculosis Clinic.



Recommendations to help homeless service providers prepare their facility staff, and clients for possible cases of air-borne diseases, like tuberculosis.

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I. Frequently Asked Questions About Tuberculosis

Can I watch a video on preventing the spread of tuberculosis in homeless shelters?

Yes, the webpage to view the video is: http://www.currytbcenter.ucsf.edu/sheltertb/video.cfm.

What is TB?

Tuberculosis (TB) is a disease caused by a bacterium that usually attacks the lungs. But TB bacteria can attack any part of the body such as the kidney, spine, and brain. If not treated properly, TB disease can be fatal. TB disease was once the leading cause of death in the United States.

However, not everyone infected with TB bacteria becomes sick. People who are infected, but not sick, have what is called latent TB infection. People who have latent TB infection do not feel sick, do not have any symptoms, and cannot spread TB to others. But some people with latent TB infection go on to get TB disease. People with TB disease can be treated if they seek medical help. Even better, most people with latent TB infection can take medicines so that they will not develop TB disease.

What does a Positive TB Skin Test or Positive PPD mean?

This signifies that a person has been exposed to the tuberculosis germ, and currently has or previously had latent TB infection. Persons who have been treated once for latent TB infection will continue to have a positive skin test for the rest of their life, and <u>should not</u> repeatedly be skin tested. By itself, the skin test is not a good test for TB disease, and if TB disease is suspected, further evaluation may be needed with questions about symptoms and/or a chest x-ray.

• What is latent TB infection?

In most people who breathe in TB bacteria and become infected, the body is able to fight the bacteria to stop them from growing. The bacteria become inactive, but they remain alive in the body and can become active later. This is called latent TB infection. People with latent TB infection:

- Have no symptoms
- Don't feel sick
- Can't spread TB bacteria to others
- Usually have a positive TB skin test reaction or positive TB blood test
- May develop TB disease if they do not receive treatment for latent TB infection

Many people who have latent TB infection never develop TB disease. In these people, the TB bacteria remain inactive for a lifetime without causing disease. But in other people, especially people who have weak immune systems, the bacteria become active, multiply, and cause TB disease.

How is latent tuberculosis infection treated?

One of four treatment regimens using Isoniazid (INH), Rifampin (RIF), or INH and Rifapentine (RPT), can be used. Treatment must be modified if the patient is a contact of a person with drug-resistant TB. Consultation with a TB expert is advised if the known source of TB infection has drug-resistant TB.

Latent TB Infection Treatment Regimens

Drugs	Duration	Interval	Minimum doses
Isoniazid	9 months	Daily	270
		Twice weekly*	76
Isoniazid	6 months	Daily	180
		Twice weekly*	52
Isoniazid and Rifapentine	3 months	Once weekly*	12
Rifampin	4 months	Daily	120

^{*}Use Directly Observed Therapy (DOT)

If someone has been previously treated for a positive TB skin test (latent TB infection), does that prevent him or her from getting new infection or developing disease?

Treatment for latent TB reduces the chance of progressing to TB disease after exposure, but does not prevent that person from new infection (after a new exposure).

What is TB disease?

If the immune system can't stop TB bacteria from growing, the bacteria begin to multiply in the body and cause TB disease. The bacteria attack the body and destroy tissue. If this occurs in the lungs, the bacteria can actually create a hole in the lung. Some people develop TB disease soon after becoming infected (within weeks) before their immune system can fight the TB bacteria. Other people may get sick years later, when their immune system becomes weak for another reason. Babies and young children often have weak immune systems. People infected with <u>HIV</u>, the virus that causes AIDS, have very weak immune systems. Other people can have weak immune systems, especially people with substance abuse, diabetes mellitus, and cancer.

Symptoms of TB disease depend on where in the body the TB bacteria are growing. TB disease in the lungs may cause symptoms such as:

- A bad cough that lasts 3 weeks or longer
- Pain in the chest
- Coughing up blood or sputum (phlegm from deep inside the lungs)

Other symptoms of TB disease are:

- Weakness or fatigue
- Weight loss
- No appetite
- Fever/chills/night sweats

• How is TB spread?

TB is spread through the air from one person to another. The bacteria are put into the air when a person with TB disease_of the lungs or throat coughs, sneezes, speaks, or sings. People nearby may breathe in these bacteria and become infected.

What is a TB blood test?

TB blood tests (including QuantiFERON-Gold and T-SPOT) are sometimes used in place of TB skin tests, and a positive TB blood test means the same thing as a positive TB skin test (see above).

The Differences between Latent TB Infection and TB Disease

A Person with Latent TB Infection	A Person with TB Disease
Does not feel sick	Usually feels sick
Has no symptoms	 Has symptoms that may include: a bad cough that lasts 3 weeks or longer pain in the chest coughing up blood or sputum weakness or fatigue weight loss no appetite chills fever sweating at night
Cannot spread TB bacteria to others	May spread TB bacteria to others
• Usually has a positive TB skin test or positive TB blood test	May or may not have a positive TB skin test or positive TB blood test
Has a normal chest x-ray and a negative sputum smear	May have an abnormal chest x-ray, or positive sputum smear or culture
Should consider treatment for latent TB infection to prevent TB disease	Needs treatment for TB disease



Where should I refer Homeless Housing Facility clients who I suspect have active TB disease?

The best place to send persons suspected to have active TB disease (e.g., he or she has symptoms but is otherwise functioning ok in day-to-day activities) is the Fulton County TB Clinic. See Appendix H for the map and address of the clinic. If a person is acutely ill, he/she should be sent directly to an emergency room or urgent care facility.

 Where can I refer Homeless Housing Facility clients for latent TB infection screening, or if I am concerned about illnesses other than Tuberculosis?

St. Joseph Mercy Care Clinics where Homeless Housing Facility clients can be referred to are listed in Appendix C.

What if the Health Care Liaison has further questions for the health department?

Contact the Fulton County Board of Health and Wellness TB Clinic at 404-613-1450.

The main contact at the DeKalb County Board of Health for TB is Titilola Rush, RN: 404-294-3730 (office) or 404-788-6975 (cell).

II. Important Steps that Homeless Housing Facilities can take to reduce the spread of Tuberculosis

A. Symptom Screen at Intake

Recommendation: Ask every homeless housing facility resident at sign-in/intake questions that will help screen for Tuberculosis:

TB/Respiratory Infection Symptom Screen Questionnaire

Instructions for Homeless Housing Facility staff:

The purpose of this symptom screening form is to help identify clients who **may** have infectious TB. Please complete this form as part of the initial intake process.

Note to facility staff: You may begin with this statement before asking questions:

'We are asking you a few quick questions because we are concerned about an infection that we know is spreading in our community here in downtown Atlanta. We don't want this germ to spread to you or anyone else, so please be honest with your answers."

HISTORY/SYMPTOMS	Yes	No
Do you have a cough that has lasted for 3 weeks or more?		
Have you had contact with person(s) with chronic cough recently?		
Have you lost weight without explanation during the past month?		
Have you coughed up blood in the past month?		
Have you been more tired than usual over the past month?		
Have you had Fevers almost daily for more than one week?		
 Have you sweated so much during the night that you've soaked your sheets or clothing during the past month? 		
Do you have children with any of the above symptoms?		

Does the client	: have a	cough tha	t has last	ed 3 we	eks or	more	AND	has	answered	"Yes"	to at
least one other	questio	n above?									

O Yes O No

If you marked "Yes" above, or have identified a child with symptoms, immediately refer the client to your Health Care Liaison (see section C: Health Care Liaison below)

B. Institute administrative practices that reduce TB transmission at your homeless facility

- Have tissues ready at intake area and tell persons who are coughing to cover their cough
- If they have these symptoms, give them a tissue to cover their cough
- If possible, place them in a more isolated area away from the other shelter residents

C. Appoint a Health Care Liaison

Homeless housing facilities should appoint a health care liaison to oversee activities that control the spread of TB and other airborne infections. This person doesn't need to be a clinician or manager/supervisor/facility administrator. However, s/he should have some knowledge of infection control principles.

The Health Care Liaison performs and oversees several activities that prevent the spread of TB and other airborne infections, including:

Key Area	Activities
Shelter duties	 Coordinates referrals for clients that need a TB evaluation Assists clients that need a TB evaluation with their transportation needs Maintains medical confidentiality policies and procedures
Health Department Liaison duties	 Serves as a liaison to the Fulton County Department of Health TB Clinic Coordinates screening activities and referrals to Fulton County. (See Appendix A for a list of health centers and appropriate phone numbers) Send Release of Information Letter from Shelter Assists health department to conduct infectious disease contact investigations Coordinates communication with the health department local health officer Maintains confidential records
Compliance	 Establishes, implements, maintains, and posts written procedures Ensures staff adheres to TB/Airborne diseases prevention procedures Ensures staff adheres to TB Cough Alert and documentation procedures Ensures staff and clients receive mandatory TB prevention education Ensures that identified medical providers maintain confidential medical records Maintains other required records

<u>Instructions for Health Care Liaison</u>

- 1) Staff person tells you about a TB suspect
- 2) Follow the TB exposure control protocol and complete the form below, which can be share with the health department if needed.

ТВ Ехро	osure Control Protocol Form:		
•	Give the client a surgical face mask or tissue to wear:	0	Done
•	Instruct the client to cover their nose and mouth when coughing or sneezing	0	Done
•	Give client a letter verifying that he/she is staying at your shelter to take to TB clinic	0	Done
•	Have a client sign a Release of Information Form	0	Done
•	Separate the client from others and place in a well-ventilated room	0	Done
•	Initiate medical evaluation protocols and transportation:	0	Done
Client Na	ame: Arrival Date:		
Client DO	DB:		
Housing	Facility: Facility Phone #		
Homeles	s Housing Facility Address:		
Bed Loca	ation:		
Evaluato	r Name:		
	r Signature: Date:		

3) Refer to the Fulton County TB Clinic (across from main Grady Hospital entrance):

Address: 99 Jesse Hill Jr. Drive

Atlanta, GA 30303

Phone No: 404-613-1465/404-613-1450

Hours: Monday 8:30 am – 5:30 pm / Tues-Friday 8:00 am-5:00 pm

• Evaluation and treatment is free with a homeless housing facility referral letter

• If client is not severely ill and is able to be somewhat isolated from other residents, when clinic is closed, it is not unreasonable to have the client go to clinic the next morning or on Monday (following a weekend)

• If patient is severely ill, there are issues with isolation, and during evenings and weekends: refer to Urgent Care or ER

D. Implement a Cough Alert Policy

For current Homeless Housing Facility residents, institute a cough alert policy enforcing symptom screening and referral requirements for clients.

COUGH ALERT POLICY AND PROCEDURES

This is recommended for all Homeless Housing Facilities in Fulton County.

Purpose: To identify active TB cases before TB is further spread in homeless housing facilities.

Target Population:

Individuals coughing throughout the night or client coughing for more than 3 weeks without improvement (especially if the cough is accompanied with >5 lbs. weight loss, night sweats and fever) or client coughing up blood.

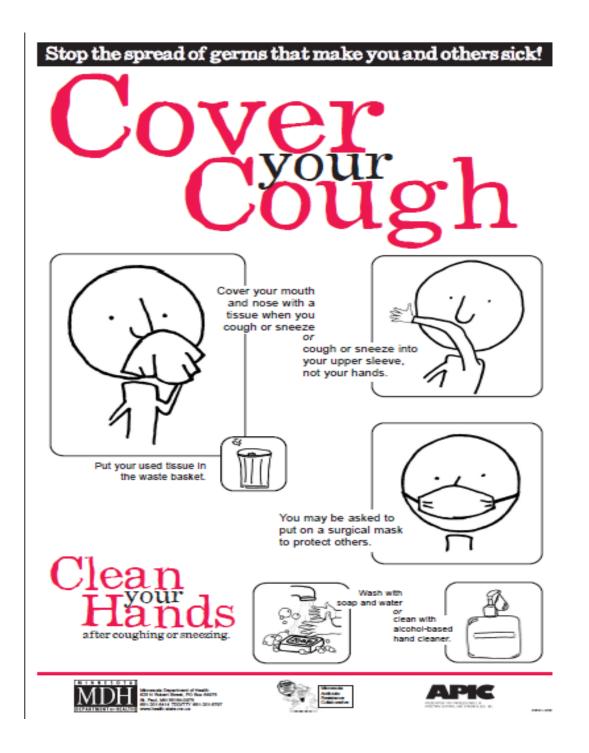
Procedures:

- **1.** Training of homeless housing facility staffs on what they need to know about Tuberculosis and its transmission.
- **2.** Frontline staff or homeless housing facility managers meet and talk with coughing client suspected to have Tuberculosis.
- **3.** Health Care Liaison/Shelter Manager contacts Fulton Health Department for assistance, as proper medical evaluation is needed within 48 hours. Later on, the health department may request information from the "TB Exposure Control Protocol Form" (see page 8) to determine if the client actually follows up at the health department and/or to come up with a plan if the resident returns to the shelter. Shelter staff and the health department can discuss freely about the client's TB-related health information if the client signed a Release of Information Letter (coordinated by the Health Care Liaison).

E. Next Steps

- 1. Develop a screening program for latent TB infection (in addition to TB disease) for all staff, volunteers, and homeless housing facility residents.
- 2. Implement environmental protocols ensure adequate ventilation and proper bed spacing at homeless housing facilities to prevent easy spread of TB infection
- 3. Assist with isolation procedures and transportation to facilities for evaluation

Cough Alert Poster



Appendix A: Resources

List of Public Health Department contact services and other TB Health Centers

 Fulton County Department of Health and Wellness Aldredge Health Center
 99 Jesse Hill Jr., Drive Atlanta, GA 30303

Phone No: 404-612-1465

 DeKalb County Tuberculosis Program T.O. Vinson Center 440 Winn Way Decatur GA, 30030

Phone Number: 404-508-7857

 CDC Division of Tuberculosis Elimination 1600 Clifton Road, NE Atlanta 30333 Phone No: 800-CDC-INFO (800-232-4636)

TTY: 800-232-6348

 Georgia Department of Public Health Tuberculosis Program, 12th Floor
 Peachtree St., NW, Atlanta GA, 30303
 Phone Number: 404-657-2634

 Southeastern National Tuberculosis Center 2055 Mowry Road Gainesville, FL 32611 Phone: 352-273-SNTC (7682)

or 888-265-SNTC (7682) Fax: 352-273-9275

Rutgers Global Tuberculosis Institute
 225 Warren Street, P.O. Box 1709, Newark, NJ 07101-1709
 Phone: 973-972-3270
 http://globaltb.njms.rutgers.edu/index.html

 National Health Care for the Homeless Council, HCH Clinician's Network P.O. Box 60427, Nashville, TN 37206-0427 Phone: 615-226-2292 Fax: 615-226-1656 http://www.nhchc.org

- Health Insurance Portability and Accountability Act of 1996 (HIPAA)
 Healthcare information privacy standards exempt reporting to public health agencies http://www.hhs.gov/ocr/privacy
- Tuberculosis Video Link: http://www.currytbcenter.ucsf.edu/sheltertb/video.cfm.

Appendix B: Cough Alert Weekly Log

Instructions for Shelter Staff:

Please give this log to your homeless housing facility Health Care Liaison if you have a client that has a constant cough. The Health Care Liaison is responsible for (1) assessing the client for signs of active TB/ Airborne diseases and (2) determining if the client needs a referral for a medical evaluation.

Name of Shelter:
Date Health Care Liaison received copy of log (MM/DD/YY):

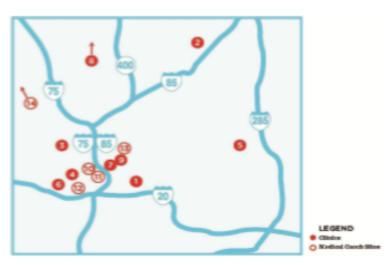
Client Name (Last, First)	Date of Birth (MM/DD/YY)	Bed Location/#	Date(s) client observed to be coughing (MM/DD/YY)	Name of staff members who observed client coughing (Last, First)	Medical facilities client was referred to

Date (MM/DD/YY):	
(1 1)	



MERCY CARE PATIENT CENTERED MEDICAL HOME

Mercy Care is a health care organization that provides a complete range of medical services and outreach programs to the Atlanta community. We believe that everyone deserves access to exceptional care, regardless of insurance or income status. Our family of medical clinics provides comprehensive services—offering hope through the power of healing.



MERCY CARE CLINICS

Decatur Street Decatur St., Atlanta 8678-843-8600

Monday, Tuesday, Thursday
 7:00 am - 5:00 pm
 Wednesday 7:00 am - 9:00 pm
 Friday Medical 7:00 am - 1:00 pm
 Friday Dental 7:00 am - 5:00 pm

2. North

3367 Buford Hwy., Northeast Shopping Plaza, Ste. 910, Atlanta 678-843-8700

 Monday -Thursday 7:00 am - 5:00 pm Friday Medical 7:00 am - 12:00 noon Friday Dental 8:00 am - 3:30 pm

At Atlanta Day Shelter (Women Only) Ethel St., Atlanta 843-8500

Wednesday 9:00 am - 3:30 pm

4. At City of Refuge

1300 Joseph E. Boone Blvd. Atlanta 678-843-8790, 8791

Tuesday - Friday 8:30 am - 7:00 pm 3rd Friday 8:30 am - 12:00 noon Saturday 8:30 am - 1:30 pm Pediatric Hours: Wednesday & Thursday 8:30 am - 5:00 pm

At DeKalb CSB445 Winn Way

445 Winn Way 678-843-8600

Wednesday & Thursday 8:30 am - 5:00 pm

At Gateway Center (For Homeless) Pryor St., Atlanta 843-8840

Monday, Wednesday
 8:30 am - 5:00 pm
 Tuesday 8:30 am - 8:30 pm
 Friday 8:30 am - 3:30 pm
 3rd Friday 8:30 am - 12:00 noon

At The Imperial (For Residents)

355 Peachtree St., NE, Atlanta 678-843-8500

2nd and 4th Friday
 8:30 am - 5:00 pm

8. At Mary Hall Freedom House

(For Program Clients) 200 Hannover Park Rd., Ste. 100, Atlanta

Friday 8:30 am – 3:30 pm
 3rd Friday 8:30 am – 12:00 noon

At Saint Luke's

420 Courtland St., Atlanta 678-843-8870

Monday, Tuesday, Thursday
 8:30 am - 5:00 pm
 Friday 8:30 am - 3:30 pm
 3rd Friday 8:30 am - 12:00 noon

MERCY CARE MOBILE

10. At Atlanta Mission 165 Alexander St., Atlanta 678-843-8500

Monday 9:00 am - 4:00 pm
 Thursday 9:00 am - 4:00 pm

At Ben Massell Dental Clinic 700 14th St., NW, Atlanta 678-843-8500

2nd and 4th Tuesday9:00 am - 4:00 pm

At Central Presbyterian Washington St., Atlanta 878-843-8500

1st, 3rd, and 5th
 Friday 9:00 am - 12:00 noon

13. At St. Jude's

(For Program Clients) 139 Renaissance Pkwy, NE, Atlanta

Wednesday 9:00 am - 4:00 pm

14. At 7 Bridges to Recovery (For Program Clients)

(For Program Clients) 2840 Plant Atkinson Rd., Smyrna

1st, 3rd, and 5th Tuesday
 9:00 am - 4:00 pm

"Dental Services provided at Decatur Street, North, and At City of Refuge. ""Vision Exams and Glasses provided at Decatur Street, The Gateway, St. Luke's, and The Imperial.

Founded by the Sisters of Mercy

mercyatlanta.org

Appendix D: Homeless Housing Facility Referral Form

REFERRAL

Date:	
Duto.	
Client:	
ID:	
Phone Number:	
Phone Number:	
Gender:	
ID:	
Referred to:	
Reason: L	F-4900.8600-Tuberculosis Screening
Message:	
Referred by:	

AUTHORIZATION TO RELEASE HEALTH CARE INFORMATION

Patient's Name: Previous Name:		Date of Birth:	
I request and authorize release healt	d <u>[name of housing fa</u> h care information of the patier		to
Nam	e: Fulton County Health Depart	ırtment	
Addr	ress: 99 Jesse Hill Jr Drive		
City:	Atlanta	Zip State: GA Code:	30303
This request	and authorization applies to:		
•	e information relating to the fol	lowing treatment,	
Tuberculo	osis		
☐ All healtho	care information		
□ Other:			
□ Yes □ No	person(s) listed above. I und	ords regarding my tuberculosiserstand that the person(s) listencific written permission before	ed above will be
Patient Signature:		Date Signed:	

Appendix F: Symptom Screen Form

Instructions for Shelter Staff:

The purpose of this symptom screening form is to help identify clients who **may** have infectious TB. Please complete this form as part of the initial intake process.

Note to Shelter Staff: Please begin with this statement before asking questions:

'We are asking you a few quick questions because we are concerned about an infection that we know is spreading in our community here in downtown Atlanta. We don't want this germ to spread to you or anyone else, so please be honest with your answers."

HISTORY/SYMPTOMS	yes	no
Do you have a cough that has lasted for 3 weeks or more?		
Have you had contact with person(s) with chronic cough recently?		
Have you lost weight without explanation during the past month?		
Have you coughed up blood in the past month?		
Have you been more tired than usual over the past month?		
Have you had Fevers almost daily for more than one week?		
 Have you sweated so much during the night that you've soaked your sheets or clothing during the past month? 		
Do you have children with any of the above symptoms?		

Does the client have a cough that	has lasted 3 weeks o	or more AND has a	inswered "yes" to a
least one other			•
Question above? •			

O Yes O No

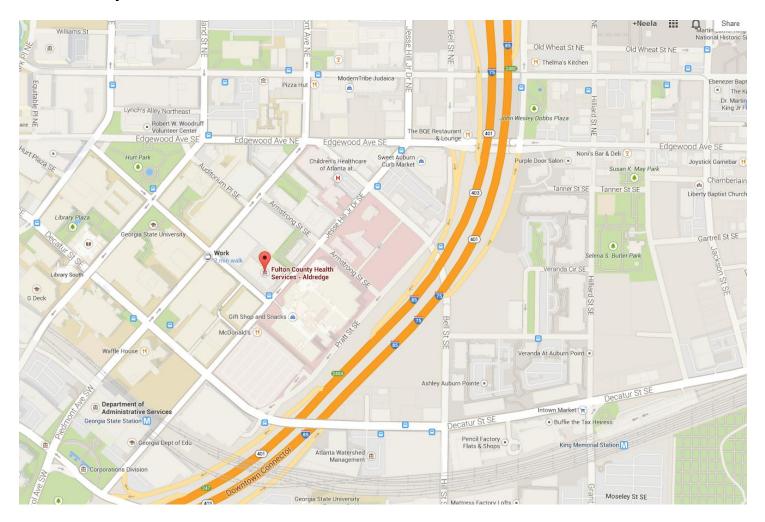
If you marked "Yes" above, or have identified a child with symptoms, immediately refer the client to your Health Care Liaison (see Section C: Health Care Liaison)

Appendix G: Health Care Liaison Exposure Control Form

Give the client a surgical face mask or tissue to wear	o Done
 Instruct the client to cover their nose and mouth when coughing or sneezing 	o Done
 Give client a letter verifying that he/she is staying at your shelter to take to TB clinic 	o Done
Have a client sign a Release of information Form	o Done
 Separate the client from others and place in a well-ventilated room 	o Done
Initiate medical evaluation protocols and transportation:	o Done
Client Name: Arrival Date:	
Homeless Facility Phone # Housing Facility:	:
Homeless Housing Facility Address:	
Bed Location:	
Evaluator Name:	
Evaluator Signature: Date:	

Appendix H

Fulton County TB Clinic



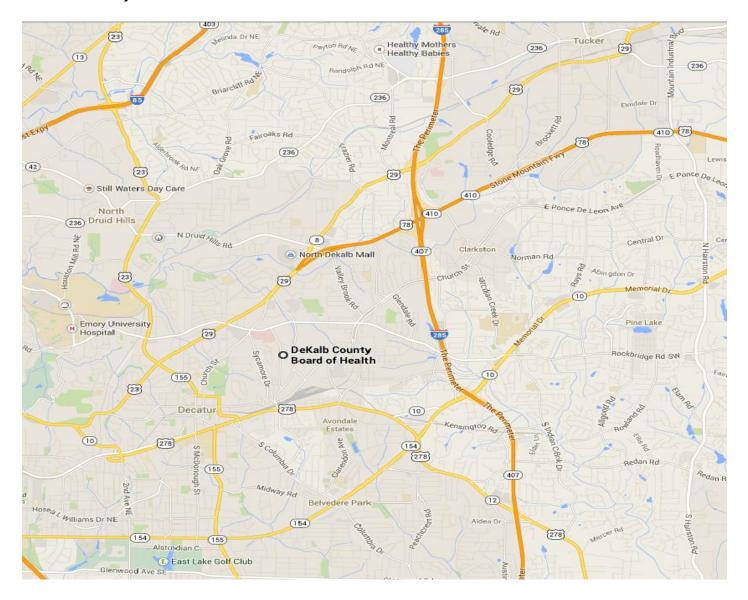
Address: 99 Jesse Hill Jr., Drive Atlanta, GA 30303

Phone No: 404-613-1465/404-613-1450

Hours: Monday 8:00 am-5:30pm/ Tues-Friday 8:00 am-5:00 pm

Appendix I

DeKalb County TB Clinic



Address: Tuberculosis Clinic, DeKalb County Board of Health

440 Winn Way,

T.O. Vinson Health Department, Suite #2118

Decatur, GA. 30030

Phone No: 404-508-7857 Fax No: 404-508-7757

Hours: Monday-Friday 8:15 am - 5:00 pm.

References

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