

Disease Detective Cholera – Evidence and Reasoning

PEOPLE LIVING NEAR BROAD STREET

1. Families living around Broad Street are poor and haul their water from the Broad Street pump. 269 deaths in this area.
**All of these people were getting their water from the Broad Street pump.
2. Brown family only people on Ely Street who did not get cholera. They got their water from the Soho pump when they visited relatives.
**Since they did not drink the water from the Broad Street pump, they were not exposed to the tainted water.

PEOPLE NOT LIVING NEAR BROAD STREET

3. Matilda Wright was only member of her household to get cholera. She refused to drink from the faucets in her home, and had servants bring water from the sweet-tasting Broad Street pump.
**Other members of her household drank from the faucets in her house, so they were not affected.
4. Thomas Sutterfield was only member of his household to contract cholera. Visited great aunt Tilda and took a drink of cool water.
**His aunt gave him the sweet-tasting water she liked. It was NOT the tea, since boiling water would have killed the cholera bacteria.
5. Tolly Martin washed blood off his mouth at the Broad Street pump after a fight.
**exposed to cholera bacteria when he washed his mouth out.
6. Three Slye children went to work with their father, who had a butcher shop on Broad Street. They played in Broad Street Square and were the only members of the family to get cholera.
**They probably drank from the pump while playing. Since the family had indoor plumbing where they lived, the other family members were not exposed to the cholera bacteria.
7. Mucky Johnson said that the water from the Broad Street pump was the best in the city, and often stopped to eat lunch on Broad Street Square.
**He probably drank water from the pump while eating lunch, exposing him to the cholera bacteria.