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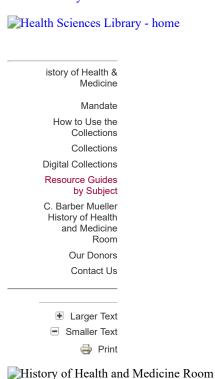
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# **Pulmonary Tuberculosis**

## **Description**

A communicable disease of the lungs caused by the bacteria, Mycobacterium tuberculosis, discovered by Robert Koch. Major symptoms are coughing, blood in phlegm, fever at night and weight loss. The only therapy before drug therapy became available in the 1950's was isolation, bedrest, food and fresh air. High mortality rate, one of the major epidemic diseases until the discovery of effective drug therapy in the 1950's.

#### Other terms

- consumption
- phthsis
- t.b.
- · white death

#### **Other Search Terms**

- tuberculosis
- tuberculosis, pulmonary
- tuberculosis, lymph node
- tuberculosis, multidrug-resistant
- tuberculosis, spinal
- tuberculosis vaccines
- tuberculin
- · collapse therapy
- iproniazid
- · streptomycin
- isoniazid
- pyrazinamide
- cycloserine
- ethambutol
- BCG vaccine
- · hospitals, special

followed by "early works" for primary material or "history" for secondary material.

## Significant names

- Mathew Baillie (1761-1823) English physician
- Robert Koch, (1843-1910) German bacteriologist.
- Percival Pott (1714-1788) English surgeon
- Edward Livingston Trudeau, (1848-1915) American physician

#### **Famous Patients**

- Anne Bronte, (1816-1849) English writer
- Emily Bronte, (1818-1848), English writer
- George Orwell, (1903-1950), English writer
- Vivian Leigh, (1913-1967), English actress
- Eugene O'Neill, (1888-1949), American playwright.
- John Keats, (1795-1821), English poet.
- Honore de Balzac, (1799-1850), French writer
- Elizabeth Barrett Browning, (1806-1861), English writer
- Anton Chekhov, (1860-1904) Russian writer
- Stephen Crane, (1871-1900), American writer
- Franz Kafka (1883-1924), German writer
- Katherine Mansfield, (1888-1923), New Zealand writer
- Robert Louis Stevenson (1850-1894) Scottish writer
- Henry David Thoreau, (1817-1862) American writer
- Frederic Chopin, (1810-1849), French composer
- Louis XIII, (1601-1643), King of France
- Louis XVII, (1785-1795), King of France

- Edward Lincoln, (1846-1850), son of Abraham and Mary Lincoln
- Thomas Lincoln, (1853-1871), son of Abraham and Mary Lincoln

#### In Websites

#### **Current medical information**

- Canadian Lung Association
- Health Canada
- Public Health Agency of Canada
- World Health Organization

#### **History of Tuberculosis**

• Tuberculosis History in Canada. Canadian Lung Association

#### **History of Sanatoriums**

- Manitoba Tuberculosis Sanatorium
- Qu'Appelle sanatorium. Saskatchewan
- Arkansas Tuberculosis Sanatorium
- Blue Ridge Sanatorium, Virginia. U.S.

## In Biographies

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- King, D. Macdougall. The battle with tuberculosis and how to win it: a book for the patient and his friends. Philadelphia: J.B. Lippincott, 1917. (3 microfiches (146 fr.) CIMH Microfiche series no. 77295

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- Beiler, Harvey . Waiting for you : detours in the six-year courtship of Harvey Beiler and Ada Gehman Baltimore, MD : Gateway Press , 2003.
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- Ford, Linda. Touched by the white plague. Olds, Alberta: L. Ford, 2001.
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- Hsia, Sung L. Reflections from a hospital bed . Bloomington, Ind. : AuthorHouse, 2002.
- Hurt, Raymond. <u>Tuberculosis sanatorium regimen in the 1940s: a patient's personal diary</u> http://www.ncbi.nlm.nih.gov/pmc/articles/PMC1079536/
- Kerins, David A. Through the dark valley: a veteran's three year battle against tuberculosis Bloomington, IN: AuthorHouse, 2007.
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- St. Pierre, Mark. Madonna Swan: a Lakota woman's story as told through Mark St. Pierre. Norman: University of Oklahoma Press, 1991.

### In Film

- <u>Bright Star</u>. A film by Jane Campion. 2010. The drama based on the three-year romance between 19th century poet John Keats and Fanny Brawne, which was cut short by Keats' death by pulmonary tuberculosis at age 25. Available from Hamilton Public Library (2011)
- Camille. A film directed by George Cukor, staring Greta Garbo and Robert Taylor\_109 mins. (1936)

A Parisian courtesan must choose between the young man who loves her and the callous baron who wants her, even as her own health begins to fail.

#### National Film Board of Canada. Lost Songs. Directed by Clint Alberta. 1999, (24 mins.)

- Documentary of the experiences of Aboriginal Canadians who were patients at the Charles Camsell Indian Hospital in Edmonton. Includes archival footage and photos. The patients talk about their years of hospitalization, after being forced to leave behind their traditional northern communities for unfamiliar urban environments.
- Direct Cinema. <u>Tuberculosis in America: the people's plague</u>. A film by Diane Carey and Lawrence R. Hott; written by Kage Kleiner. Santa Monica, CA: Direct Cinema, 1995. 2 videocassettes (114 min.) VHS.

Documentary on the history of tuberculosis in America. Told through personal stories of dozens of TB survivors and from the view point of health care workers and researchers.

• <u>Hope: a Red Cross seal story</u> / sponsor, the National Association for the Study and Prevention of Tuberculosis; produced by Thomas A. Edison, Inc.; director, Charles J. Brabin; writer, James Oppenheim. United States: Thomas A. Edison, Inc., 1912; United States: Distributed exclusively by Image Entertainment: ?b National Film Preservation Foundation, 2007.

The initial film in the series, the now-lost Red Cross seal (1910), told of a tenement girl who ekes out her living decorating lamp shades but who wins the \$100 prize for designing that year's Christmas seal, money that she then gives to the consumptive boy across the hall to pay for his treatment at a sanatorium. Hope was released to theaters on November 16, two days before release of the 3 million 1912 stamps. These collaborations between Edison and the Tuberculosis Association were probably the first film series produced for health education. They achieved the association's goal of presenting 'the anti-tuberculosis movement in a dramatic and interesting manner,' and were popular in commercial film theaters.

• On the Lake: life and love in a distant place. Documentary. 2009

A true story of the tuberculosis epidemic in America in the 1900s and globally today through the lives of those who became sick and died -- but also of patients who survived against great odds. It's an emotional story of true-life tales of friendship and love in tragic circumstances, a triumph of the human spirit for those who survived. Available from Hamilton Public Library (2011)

• Thomas Mann's Magic Mountain. Based on Thomas Mann's 1924 novel Magic Mountain about a tuberculosis sanatorium in the Swiss alps. 2009 Available from Hamilton Public Library (2011)

### IN LITERATURE

• Barrett, Andrea. The Air We Breathe: a novel. 2007

In fall 1916, Americans debate whether to enter the European war. "Preparedness parades" march and headlines report German spies. But in an isolated community in the Adirondacks, the danger is barely felt. At Tamarack Lake the focus is on the sick. Wealthy tubercular patients live in private cure cottages; charity patients, mainly immigrants, fill the large public sanatorium. For all, time stands still. Prisoners of routine and yearning for absent families, the patients, including the newly arrived Leo Marburg, take solace in gossip, rumor, and sometimes secret attachments. An enterprising patient initiates a weekly discussion group. When his well-meaning efforts lead instead to a tragic accident and a terrible betrayal, the war comes home, bringing with it a surge of anti-immigrant prejudice and vigilante sentiment. The conjunction of thwarted desires and political tension binds the patients so deeply that, finally, they speak about what's happened in a single voice. The Air We Breathe, though entirely self-contained, extends the web of connected characters begun with Ship Fever.

- Conrad, Joseph. The nigger of the Narcissus: a tale of the forecastle. 1914.
- Cronin, A. J. The Citadel. Boston: Little, Brown & Co., 1937.

It is said to have paved the way for Britain's National Health Service in the following decade. A film based on this novel was released in 1938.

• Degens, T. On the third ward. New York: Harper & Row, 1990.

Confined to a tuberculosis ward in Germany in the early 1950s, a group of children deal with life, death, and plans to escape.

- Dumus, Alex. fils. Camille: (La dame aux camilles) Classic tale of courtesan who suffers from tuberculosis. Film made
- Ellis, A. E. The rack. Boston: Little, Brown, 1958.
- Ellism Ella Thorp. The Year of My Indian Prince. 2002

A fictionalized version of the author's experiences in 1946 when, at the age of sixteen, she was admitted to a San Francisco tuberculosis hospital and courted by a Maharajah's son.

- Hunter, Bernice Thurman. A place for Margaret. Richmond Hill, Ont.: Scholastic Canada, 1984. Juvenile fiction
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- McGrath, Eamonn. The charnel house. Belfast, Ireland: Blackstaff: 1990.
- Patterson, Keith. Consumption. Toronto, Ont.: 2006 Tuberculosis among the Inuit in Canada
- Puig, Manuel. Heartbreak tango: a serial. Translated by Suzanne Jill Levine. New York: Dutton, 1973. Tuberculosis patient in Argentina
- Remarque, Erich Maria. Three comrades; translated from the German by A.W. Wheen. Boston: Little, Brown and Company, 1937. Tuberculosis patients in Germany
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- Sims, Diane. A Life Consumed: Lily Samson's Dispatches from the TB Front. 2008

In 1923 Lilly Samson, a teacher in a one-room school in Goulais River north of Sault Ste Marie, contracted TB. She was 22 years old and engaged to be married. A year later she entered a sanatorium in Gravenhurst, Ontario. She died there in 1927. Before she did, though, she wrote a series of letters that her niece Diane Sims has made the centrepiece of a remarkably moving and thought provoking look at TB in Canada in the 20s, a time when receiving a diagnosis of TB, according to Susan Sontag, was like learning you have cancer today. In a combination of discursive prose, fictional recreation, forensic fact-finding and historical commentary, Sims arrays a variety of constellations around Lillys letters. There is the national, where the 22 sanatoria across the country embraced all classes of Canadians, including Mackenzie Kings brother Douglas who compared fighting TB to surviving on the front lines. There is the medical/political, where provision of TB care for all its citizens was Saskatchewans precursor to medicare. There is the social, where Lilly gets to know Dr. Norman Bethune, himself a patient at the Gravenhurst sanatorium, their isolated community within a community. There is the personal, where Lilly, by turns hopeful and deeply angry at this theft of her life, enters into a relationship with another patient.

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- Stewart, Donald Ogden. Sanatorium: a novel. New York: Harper & Bros. Publishers, 1930.
- Stowe, Harriet Beecher. <u>Uncle Tom's Cabin</u>, or life among the lowly. Example of romanticized consumption.
- Tsukiyama, Gail. The samurai's garden. New York: St. Martin's Griffin, 1994. Tuberculosis patient in Japan.

## In Music

• Rogers, Jimmy, (1897-1933) T.B. Blues. Many versions available on Youtube.

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