

HEALTH SCHOOL

Pennsylvania State Department of Health.

Questions.

- (1) What causes Tetanus? (2) In what class of wounds is there greater danger of Tetanus? (3) How may Tetanus be prevented?

TETANUS OR (LOCKJAW)

The testimony of Dr. Bruce Randall was responsible for the verdict of acquittal in the case of the Commonwealth vs. Slade, charged with homicide.

The victim died from Tetanus or Lockjaw.

The prosecution urged conviction upon the ground that the wound, though trifling, was the direct cause of death, because of lockjaw which followed it.

The following is an extract from the stenographer's notes on the testimony of Dr. Randall:

Q. "What is the cause of Tetanus?" A. "A germ which, under the microscope looks something like a horse-shoe nail."

Q. "How does the germ get into the human body?"

A. "Through a wound."

Q. "Any kind of a wound?"

A. "Yes. There is, however, little danger of Tetanus infection of surface wounds, such as scratches, cuts from a razor or the like."

Q. "Under what circumstances might surface wounds receive Tetanus infection?"

A. "When they are not kept clean. When they are bound with filthy rags. When the wound is brought in contact with stable manure or garden soil."

Q. "Why stable manure or garden soil?"

A. "Germs of Tetanus are found in manure, especially that of horse stables—in ground, more particularly garden soil, which is often highly fertilized with stable manure."

Q. "In what class of wounds is there the greatest probability of the development of Tetanus?"

A. "Deep, torn, bruised wounds, especially where foreign matter is carried into the wound."

Q. "Will you cite an instance?"

A. "A gunshot wound, especially on carrying into it bits of clothing, wool, and burnt powder, or in the case of the toy pistol, clay. Of course, the presence of Tetanus germs is necessary."

Q. "If Tetanus germs were present either on the wad or the clothing or the missile, would they be destroyed by the heat of the charge?"

A. "The germ of Tetanus can withstand a considerable amount of boiling without losing its vitality."

Q. "Explain to the jury the steps in the development of a case of Tetanus from such cause as you have described."

A. "When germs of Tetanus are introduced into a wound and conditions are favorable for their multiplication, as they grow in numbers they throw off toxin or poison which is taken up by the nerves communicating with the wound, and travels along the nerve trunk until it reaches the nerve centers. Stiffness of the neck and jaw is first noticed followed by spasm or convulsions, which may become general."

Q. "Is there any cure for Tetanus?"

A. "None dependable after the disease is established."

Q. "Can you prevent Tetanus even if the germs get into the body?"

A. "Tetanus Antitoxin, if injected early and in sufficient quantity, will prevent the development of Tetanus. The wound or entrance must be cleaned and cared for surgically."

Q. "How did you treat gunshot wounds when you were a surgeon in the army?"

A. "We gave an immediate injection of 1000 units of Tetanus Antitoxin, followed by a second ten days later. This saved thousands of lives."

Cross-examination failed to alter the testimony. It was previously established that Tetanus Antitoxin had not been used. The verdict was followed by the discharge of the prisoner.

Tetanus may be acute or chronic. The acute form develops rapidly often within a few days, and is nearly always fatal. Chronic cases are slower of development—from ten days to five weeks, and about half the cases get well.

Deep torn bruised wounds, especially those in which foreign bodies such as glass, earth or splinters of wood are embedded and which are not healed by a surgeon are more apt to be sources of infection than superficial wounds.

All wounds should be kept cleansed and protected by suitable bandages.

Tetanus Antitoxin can be procured free upon application by a physician for citizens of Pennsylvania unable to provide it for themselves.

Easy Relief.

Mrs. Guyer—"Poor, dear Alice is a ways awfully busy."

Mrs. Hughes—"She wouldn't be if she minded her own business only."

London Answers. —If you want all the news you can get it in the "Watchman."

SHRINE'S MEANING NOT PLAIN

Erected to the Memory of Japanese Maid, But Its Precise Idea Hardly Apparent.

One of the pretty shrines of Japan is based on the story of a beautiful girl, and to this day occidentals can not figure out if the shrine was to perpetuate a tragedy or an honor. The story is that Yamatodake, one of the greatest warriors in the history of the country, halted for a night at the village of Shimodaira. He was weary of battle and strife, and sent out word to the village that he wished to be entertained by the prettiest girl there.

Now, the child died, as did its mother, and the village erected the shrine, and every few years it is rebuilt and made more beautiful. But what no occidental can discover is whether the shrine was built to remind the citizens of the militarism of the old days that trod with relentless heels on beggar and wealthy alike, and thus to pay tribute to a tragedy, or whether it was built to show that the great warrior honored the humble village by taking one of its membership into his arms.

DIDN'T GET CHIEF'S MEANING

Sailor Misunderstood, but After All, Kangaroo Is as Good a Name as Any Other.

The Kangaroo received its name through the failure of white men to understand the language of the Australian bushmen. Captain Cook, discoverer of Australia, gazing shoreward one day, saw a group of natives about what seemed to be a most peculiar animal. He sent a group of men ashore to get it, and was still more amazed when told of its shape, its habit of carrying its young in a pouch and its remarkable leaping ability.

"What's the name of that beastie?" demanded an English tar of the natives' chief.

"Kan ga roo," returned the native. "Kangaroo, eh?" repeated the sailor, and, satisfied, returned to his captain. The fact is, however, that the words spoken by the chief are merely a phrase meaning "I, or we don't know."

Taking Care of Indoor Plants. To make ferns grow rapidly indoors and look fresh and green, chop a few oysters fine and mix with the soil and then water well. This may be done every fortnight. Wash the leaves of your rubber plant with a cloth wet with olive oil. This nourishes the plant and keeps the leaves dark green and velvety.

Story of the Pansy. The centenary of the pansy was celebrated a few years ago by the English florists and the history of the flower as given at the time was as follows:

"Just one hundred years ago Lady Mary Bennett, a daughter of the earl of Tankerville, was so struck with the simple beauty of a tiny wildling violet-tricolor that she collected some of the best plants and gave them careful cultivation. The first batch of seedlings raised by her gave such promise that systematic selection was at once instituted, and, thereafter the improvement of the genus was taken up by the leading growers. Thus to an enthusiastic amateur we are indebted for one of the most popular and beautiful of our garden flowers."

Outrage. In Denver they tell a story of a newly rich family that became discontented with the services of their old physician, despite the fact that for many years he had kept all of them in excellent health.

"So you have decided to get a new doctor," said a caller to the lady of the house, who had confided in her friend.

"I certainly have," said the other. "The idea of his prescribing flaxseed tea and mustard plasters for people as rich as we are!"

Many Cigarettes Consumed. In 1908 not enough cigarettes were consumed in the United States to be subjected to the internal revenue tax. Today the population of the country, male and female, is burning up 127,000,000 cigarettes every day, or 46,500,000,000 in a year. During the last ten years the consumption of cigarettes has exceeded that of cigars.

Corresponding. "It seems to me, Maria, that we've had nothing but ham, ham, ham for breakfast all this week," remarked Mr. Brent.

"You forgot another thing we've had, Robert," replied his better half quietly. "We've had growl, growl, growl for breakfast every day, too!"

London Answers.

Real Estate Transfers.

Annie K. Riddle to Mary Lambert, tract in Milesburg; \$750.

B. F. Bowersox to Andrew Vonada, tract in Penn Twp.; \$425.

Solomon Peck, et ux, to Earl H. Peck, et al, tract in Walker Twp.; \$1000.

Shenel Stine, et bar, to Isaac Kasab, et al, tract in Phillipsburg; \$2,250.

D. C. Shivery, et al, to O. J. Shivery, tract in Halfmoon and Patton Twp.; \$1.

Lillie M. Shellenberger, et al, to Stanley Jones, tract in Rush Twp.; \$2,000.

Janet S. Sankey, et al, to John Batcheler, tract in Phillipsburg; \$5,000.

A. H. Yocum to Anna Elizabeth Martin, tract in State College; \$4,000.

Bella P. Bing, et al, to Alice Hall, et al, tract in Unionville; \$600.

Lloyd C. Miller, Admr., to Ellen Uhl, tract in Gregg Twp.; \$495.

Trustees Evangelical congregation to Howard F. Weaver, tract in Gregg Twp.; \$125.

Sarah McClenahan to Musser E. Coldren, tract in Centre Hall; \$1,050.

Adam H. Krumrine, et ux, to Floyd H. Snyder, tract in State College; \$950.

Albert N. Bierly to Earl T. Stanley, tract in Boggs Twp.; \$250.

C. O. Mallory, et al, to Charles B. Mallory, tract in Miles Twp.; \$1,000.

Jesse T. Leathers, et ux, to Clarence W. Johnston, tract in Howard Twp.; \$50.

Margaret J. Lingle to Solomon Lingle, tract in Gregg Twp.; \$2,000.

Anna Embert, et bar, to William Bizul, tract in Rush Twp.; \$175.

Chas. C. Smull, et ux, to Verna Hackenberg, tract in Miles Twp.; \$1,000.

Caroline Stein, et al, to Moyer Speilman, tract in Phillipsburg; \$170.

Ellen M. Stuart, et al, to John R. Grove, tract in State College; \$1,350.

Wm. H. Rumbarger's Admr., to Geo. D. Conrad, tract in Taylor Twp.; \$1,200.

James H. Linn, et ux, to G. I. Davis, tract in Spring Twp.; \$500.

Wm. B. Beck, et ux, to Martha L.

Owens, tract in State College, \$4,000.

Sarah E. Heaton, et bar, to Harry Watson, tract in Boggs Twp.; \$1,000.

Fred Leathers, et ux, to George P. Hoover, tract in Worth Twp.; \$95.

John Parker, et ux, to C. H. Savercool, tract in College Twp.; \$200.

C. H. Savercool to George McCurdy, tract in College Twp.; \$140.

Hester S. Christ, et al, to John Parker, tract in College Twp.; \$100.

Noah Hahn, et ux, to Margaret McKean, tract in Liberty township; \$300.

Clara E. Hyde, et al, to H. E. Zimmerman, tract in Benner and Spring townships; \$625.

A. C. Leathers, et ux, to C. N. Fox, et ux, tract in Howard township; \$300.

Jesse T. Leathers, et ux, to Charles W. Smith, tract in Howard township; \$41.

Charles G. Simpson, et ux, to Hugo Bezek, tract in State College; \$2300.

David P. Shuey, et ux, to James H. Shirk, tract in Union township; \$2000.

Phillipsburg Coal and Land Co., to Caroline Cessla, tract in Rush township; \$240.90.

C. Y. Wagner, et ux, to C. Y. Wagner and Co., tract in Bellefonte and Spring township; \$500.

Harry B. Kern, et ux, to Edward N. Klinger, tract in Bellefonte; \$2800.

Lehigh Valley Coal Co. to Mark D. Mooney, tract in Snow Shoe township; \$170.24.

Lehigh Valley Coal Co. to Mark D. Mooney, tract in Snow Shoe township; \$94.44.

W. T. Hoover, et al, to W. T. Fink, tract in Taylor township; \$250.

Bridget Canavan to Andy Boris, tract in Rush township; \$775.

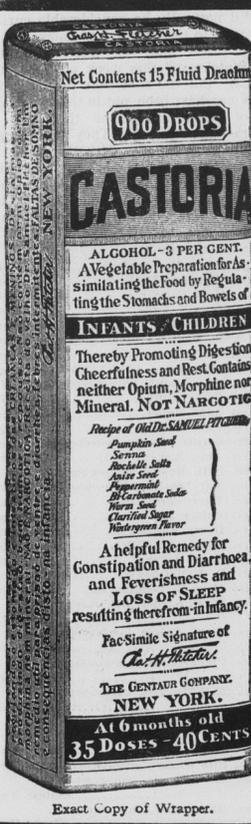
W. J. Mauck, et ux, to C. W. Mauck, tract in Walker township; \$1.

County Treasurer to County Commissioners, tract in Rush township; \$3.12.

County Commissioners to John Burgen, tract in Rush township; \$2.

Just Two Kinds.

Ockendon—"The world seems full of get rich quick people." Parkinson—"And they always seem to find sufficient get poor quick fools." —London Answers.



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