

Find Cause of 'Wound' Shock

Doctor Canon of Harvard and Aids Announce Results of Experiments During War.

DIFFERENT FROM SHELL DAZE

Condition Usually Develops Some Hours After Serious Wound or Accident—Dead Tissues Become Toxic and Poisonous.

Cambridge, Mass.—Discoveries made by Dr. Walter B. Cannon of the Harvard Medical school and other American, British and French medical officers toward the close of the World War have brought forth new evidence regarding the cause and nature of the strange phase known as "shock," a condition that led to innumerable deaths in war time and frequently has a similar result after accidents in time of peace.

"Shock, or wound-shock, as it is often called, has long baffled the medical profession," Doctor Cannon said to a press representative, on being asked to describe the results of his important work.

Occurs After Any Accident.

"This condition, which, by the way, should not be confused with shell-shock, an entirely different phenomenon, usually develops some hours after a serious wound or accident. It frequently followed grave shell wounds in the war, and often comes on after a person has been seriously hurt in an accident in times of peace, after, for example, he has had a limb crushed in a railroad accident."

"There have been numerous theories of the nature of shock. Some doctors held that shock resulted from nervous collapse, others that it came from a clogging of blood vessels by fat from wounds, some that it was due to paralysis of the nerves controlling the arteries, others that the adrenal gland was somehow affected so as to do the mischief, and so on.

Our work in France gave us opportunity to study shock in the utmost detail. One by one we threw out the theories advanced in former years.

Establish Real Cause.

We at length finally tested and established the fact that the condition results from the tearing or crushing of muscles or other tissues by missiles moving with terrific velocity. The damaged or dead tissue soon becomes toxic, or in other words acts like a

sort of poison. This toxin causes an increased permeability of the smallest blood-vessels, the capillaries, and thus there is lost through their walls quantities of the fluid portion of the blood which should be in circulation. The result is somewhat similar to that of great loss of blood from the body."

American, British and French medical and surgical officers co-operated in the investigations, some of which were made at Bethune in 1917, some in London, and others at Dijon in 1918 in a laboratory of the American expeditionary force under Doctor Cannon's direction.

"Toward the end of the war," concluded Doctor Cannon, "we had learned much about methods of treating such cases, finding that it was helpful to keep the patient amply warm, to give him quantities of water, and, if necessary, to transfuse blood into the system from somebody else's."

Says Earth Is Speeding to End

Pastor Outlines Nine Ways by Which World May Meet Destruction.

Detroit—The world is traveling on its way to destruction at the rate of 600,000 miles a day, so the Rev. George T. Gullen of the West Grand Boulevard M. E. church believes. That was a sure thing, he declared, and further he said there are at least eight other ways in which the old world may come to its end before the fatal ending of the "death journey."

First, he declared, the axis of the earth might decide to shift about a few degrees, with the result that the oceans would sweep over the dry lands and destroy all life before an ark could be built. If that fails to occur there might be a failure of internal fires and the crust of the earth would absorb all the water and the air. The death of our planet might, on the other hand, be brought about by the heat of the sun dying out and leaving the earth a mass of ice. There was just a possibility that we might all be asphyxiated by the earth passing through the tail of a comet, or this

PREDICTS SLUMP IN SHIPPING

New Chief of Japanese Steamship Firm is Michigan University Graduate.

Tokyo.—Japan's greatest steamship company, the Nippon Yusen Kaisha has selected as its president Yonejiro Ito, who is a graduate of the University of Michigan.

Mr. Ito, who has been serving as vice president of the company, takes the place of Baron Rempel Kondo, who died recently.

In a statement to the press President Ito said that the world's supply of ships is so in excess of the cargo demand that it is natural that the freight market should be as depressed as it is.

He considered the outlook a dark one and said that Japan should be prepared to face a long period of serious depression in the shipping business.

Molasses Halts City Council.

Williamson, W. Va. — Molasses caused the postponement of the monthly meeting of the city commission of Williamson. The city fathers gathered in their meeting room, only to find that some miscreant had smeared molasses on the seats of their chairs.

NEBRASKA NEWS IN CONCISE FORM

State Occurrences of Importance Boiled to a Few Lines for Quick Perusal.

Sunday baseball, a hard-fought issue, was defeated for the third time at Edison.

The farmers union at Lodgepole is planning to build a hall for business and social functions.

The Knights of Columbus at West Point have established a new council, to be known as West Point council.

More than 150 girls were initiated into Job's Daughters, a new Masonic organization for girls, at Omaha.

The state convention of the National Association of Letter Carriers will be held at Omaha May 30 and 31.

Duroc Jersey breeders of northwest Nebraska met at Hay Springs and organized the Northwestern Duroc Breeders' association.

A special election to vote on a contract with the new hydro-electric light and power company at Hebron has been called by the city council.

Announcement has been made that the fourteenth annual encampment of the United Spanish War Veterans, department of Nebraska, will be held at Lincoln on June 12-14. Special rail-

Paddock, Glenwood and Elm townships, Gage county, have hired grading equipment equal to that used on county roads and will continue to drag and maintain the roads at township expense.

Pilot Ed Gardner, a Lincoln aviator, was fatally injured at the big aerial tournament at Holdrege, when he crashed 150 feet, coming out of a 1,000 foot tail spin. He was rushed to a Lincoln hospital where he died.

Excavation will soon start for Crete's municipal swimming pool which is expected to be ready for use by June 1.

A baseball league has been organized at Arnold composed of teams representing various farm bureau organizations. Games will be played on Saturdays under the schedule.

At a special meeting of the Superior city council, called to consider the advisability of convoking a special election to give the voters an opportunity to vote the \$55,000 water bonds which were defeated at the regular spring election, it was decided to hold such election May 24.

The University of Nebraska will have its own moving picture theater on the campus, at which will be shown pictures of historical events and subjects of interest to students. Professor Condra is in charge of the work.

Loans on lands in Nebraska and adjoining states under the federal farm loan system were resumed May 5 by the Federal Land bank of Omaha, after suspension of business for more than a year pending adjustment of litigation.

The second annual convention of the Nebraska League of Women Voters will be held in Lincoln June 7, 8 and 9, according to announcement made by Mrs. C. H. Dietrich, Hastings, president.

Pushed by her younger brother into a bonfire while the two were playing with other children near their home at Hastings, Dorothy, 4-year-old daughter of Mr. and Mrs. Eli Judah was burned to death.

A movement has been started at Liberty and committees have been appointed to look into the matter of providing a playground and public library. Steps have been taken to raise part of the money.

Farmers of Nebraska are showing an increasing interest in the breeding of horses this spring, according to the state college of agriculture, with indications that the breeding may be the heaviest in years.

The Rock Island followed the example of the other railroads of the state, which have reported thus far to the state tax commissioner, and asked that its valuation be cut from \$11,593,355 to \$6,873,927.

The test oil well on the Hamilton farm east of Blue Springs is reported down 275 feet.

Over 10,000 persons witnessed the three-day aerial tournament at Holdrege. Aviators from a dozen cities participated in the event, the first of its kind ever held in the state.

After a delay of a week on account of an accident to the machinery, drilling was resumed at the oil well near Wymore. The drill is now down 270 feet and in a formation of limestone.

Two bakery firms in Beatrice announced a drop of 1 cent per loaf in the wholesale and retail price of bread. The change is due, it is said, to the falling wheat prices.

Broadwater, Lisco, Oshkosh and Lewellen, all North Platte valley towns, have organized an amateur baseball league, all teams to employ non-salaried home players.

Committee meetings held at the Methodist Episcopal and Congregational churches at Butte resulted in the federation of the two churches.

Omaha members of the Modern Woodmen of America are planning to erect a commodious headquarters building in Omaha, and to bring the national encampment of Woodmen to the Nebraska metropolis in 1925.

IMPROVED UNIFORM INTERNATIONAL

Sunday School Lesson

(By Rev. P. B. FITZPATRICK, D. D., Teacher of English Bible in the Moody Bible Institute of Chicago.)
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LESSON FOR MAY 22

THE CHRISTIAN VIEW OF THE FAMILY.

LESSON TEXT—Luke 10:38-42; 2:51, 52; II Tim. 3:14, 15.

GOLDEN TEXT—Children, obey your parents in the Lord: for this is well-pleasing unto the Lord. Fathers, provoke not your children to anger lest they be discouraged.—Col. 3:20, 21.

REFERENCE MATERIAL—Col. 3:18-25; II Tim. 3:1-5; Tit. 2:1-8.

PRIMARY TOPIC—Helping to Make Home Happy.

JUNIOR TOPIC—Making Home Happy.

INTERMEDIATE AND SENIOR TOPIC—Being a Christian at Home.

YOUNG PEOPLE AND ADULT TOPIC—The Christian Ideal of Family Life.

The Lesson Committee has made an infelicitous choice of title for this lesson. The teacher would better ignore it and give himself to the explanation of the passages of Scripture selected, as they are of immense importance.

1. The Behavior of Martha and Mary When Jesus Was in the Home (Luke 10:38-42).

The attitude of Martha and Mary toward Jesus was the same; they both loved Him sincerely.

1. Jesus welcomed into Martha's home (v. 39). Though Jesus had no home of His own, into this home He could come at any time and throw off the restraints incident to a public ministry. How pleasant it is to enter a home where one can feel "at home"! In Martha's home Jesus was welcomed for what He was, not for what He might appear to be. This home was His special retreat in the last days of His life on earth.

2. Mary sitting at Jesus' feet (v. 39). Though this was Martha's home, her sister Mary lived with her. Mary had a peculiar spiritual insight which prompted her to sit at Jesus' feet and listen to His words. The real place to hear Jesus' word is at His feet. Let no one imagine that Mary did not render any service. The little word "also" implies that she had taken her turn at service.

3. Martha's complaint (v. 40). She was desirous of preparing the very best possible meal for Jesus because she loved Him. She was mistaken as to what pleased Jesus. He much prefers the love which concerns itself with Him than for His. Because of her failure to perceive this she was "cumbered about much serving." Her serving got on her nerves; she became distracted. In her distraction she not only found fault with Mary, but even censured Jesus for allowing Mary to sit at His feet while the dinner was not finished. In order to serve Jesus without distraction one must first sit at His feet and listen to His words. This gives personal poise.

4. Jesus' reply (vv. 41, 42). (1) He rebuked Martha, telling her that she was careful and troubled about many things. Those who are concerned with the Master are anxious for nothing (Phil. 4:6). The one thing needful for every life is to sit at Jesus' feet. The time to choose this place is in the day of sunshine. (2) He commends Mary. "Mary hath chosen that good part which shall not be taken away." Those who choose this good part cannot be robbed of it by circumstances, friends, or foes.

II. Jesus, the Obedient Son (Luke 2:51, 52).

Although Jesus was conscious of His deity and divine mission, He rendered due obedience as a faithful son. Since He was known as the carpenter's son (Matt. 13:55), and the carpenter (Mark 6:3), it is reasonable to suppose that He assisted Joseph in his work as a carpenter, and after Joseph's death He, as the eldest son of the family, continued with the trade to support the family. Indeed, tradition has it that soon after they found Him in the temple at the age of twelve, Joseph died leaving the care of the family upon Him. The obedient child is really about his father's business when running errands for mother in loving obedience to her request.

III. Timothy's Home Training (II Tim. 3:14, 15).

This is a picture of a real Christian home. From a child, that is, a babe, Timothy was taught the Holy Scriptures (v. 15). This teaching was not done in the Sunday school, but in the home of his mother (II Tim. 1:5). The Sunday school can never take the place of home teaching. Timothy had a godly ancestry. His mother had the good sense to fill his mind with the word of God before it became preoccupied with other things. The reason this is so important is because the Scriptures are God-breathed, and able to make one wise. The wisdom which is obtained from the Scriptures leads to Christ, the only Savior, in whom alone is salvation (Acts 4:12).

Those Without Fault.

And I looked, and lo, a Lamb stood on the Mount Zion, and with him an hundred and forty and four thousand, having the Father's name written in their foreheads. And in their mouths was found no guile; for they are without fault before the throne of God.—Revelation 14:1, 5.

Peace.

Thou wilt keep him in perfect peace, whose mind is stayed on Thee; because he trusteth in Thee.—Isaiah 26:3.

Radiophone Chess With Sweetheart



For three hours Miss Reeva E. Berke of New York City played chess with her sweetheart, H. L. Rogers, who was in Erie, Pa. Radiophone is the answer—the game being a "stunt" of the radio show on the Hotel Pennsylvania roof.

BIG PROFIT IN RABBITS

Large Increase in the Industry in This Country.

Iowa Boy Clears \$1,200 in One Year by Raising Them in His Back Yard.

Washington.—Raising rabbits for the market is becoming a pleasurable and profitable industry in certain parts of the country. A resident of Kansas City, Kan., has raised 300 to 400 pounds of rabbit meat a year for his own table at a cost of only eight to ten cents a pound. In Nebraska a large religious institution that has raised rabbits instead of poultry reports the meat more satisfactory than chicken and the experiment profitable. According to a former county commissioner of Washington, rabbits were grown on the county farm to provide a substitute for chicken for the

county hospitals; the initial stock, numbering 119 rabbits, increased to 1,200 in ten months, besides those used in the hospitals.

A high school boy in Iowa, who breeds registered stock on a space 33 feet square in his back yard, raised enough rabbits in 1918 to clear more than \$1,200. An Ohio farmer sends 400 pounds of rabbit meat a week to city restaurants, yet is unable to meet the demand. The foregoing are concrete examples of what has actually been done from records of the bureau of biological survey of the United States Department of Agriculture.

"It is now well known that rabbit meat," says Ned Dearborn, assistant biologist, in a bulletin to farmers, "is as fine as that of poultry, and that a prolific ten-pound doe can easily raise in a year 20 young, which at five months will produce not less than 50 pounds of delicious meat. By means of compound hutches, all this can be done on an area 4 by 6 feet. Half an

hour of time a day and some hay, roadside weeds and refuse from orchard, garden and kitchen, supplemented by a small quantity of grain, cover the cost of production. Raising rabbit meat for home consumption is a proposition for turning to account time, space and materials which are ordinarily wasted. In regions where rabbit breeding is practiced extensively rabbit meat is in common use and has a place with other kinds of meat in daily market reports.

"The first object in rabbit raising is to supply home needs. The best endorsement an article can have is the fact that it is used freely by its producer. If one is inclined to disdain domesticated rabbits on account of experience with wild rabbits, he should know that the latter, as sold in the butcher's shop, are not to be compared with tender young hutch rabbits. The flesh of the tame rabbit is a highly nutritious and desirable food, resembling somewhat the white meat of chicken. Wherever it has been introduced in the markets, it has become popular, and the demand for it has steadily grown.