

Lydia

Prepared by Pitt P. Hand

PNEUMONIA now has its anti-toxin. It has been tried in four hundred cases with only four failures to cure, and those four were in extremis when first treated. And, in many instances, with pneumonia treated by brother assassin, typhoid fever. It has been tried out in a new, raw country where pneumonia comes at its most violent and collects its heaviest death toll, but, even under these extreme conditions, it has been tried and apparently proved.

Broadly the remedy is simple. A culture of the germs in a patient are taken. From each a vaccine is developed, and an anti-toxin, made by mixing the vaccines in the exact proportions in which the germs are found in the body, is injected in very large doses. Moderate doses are regarded as ineffectual, merely serving to further entrench the causative germs. But, by this remedy, they are not left standing room. They are cleansed from the body as with a hose.

The three germs which combine to kill pneumonia patients are pneumococcus, the direct cause of pneumonia, staphylococcus and streptococcus, which causes erysipelas and blood poisoning and is ever ready to attack the weakened human structure. Each of these germs develops a metabolic fluid which can be transformed into an anti-toxin. As the anti-toxin doctors put it, it is a remedy in autogen-ous. Combine these self-created vaccines, and send them in an army of them, and the germs are annihilated. That is why all the two thousand cases treated by a v. e. recovered.



The anti-toxin was administered, the germs did not have a ghost of a chance.

This way to meet pneumonia's swift thrust is the discovery of Dr. August Francis Schafer, a county practitioner of Bakersfield, California. Dr. Schafer had done in Bakersfield, instead of an oil town in the depths of California, the work which he had secured by his discovery two years ago, and with its record it could bring it forth in ten per cent. of the cases before he even took into his confidence the nearest medical society. Without those two thousand case doctors would have been free to doubt. With them he has met the professional requirement of an infallible remedy.

How has he done it? How could a country doctor discover what in the laboratories of Europe have failed to reveal? These are natural questions. But it was not a fluke. The discovery was not made by accident. Dr. Schafer discovered case germs diligently and developed a laboratory not matched in the hospitals of San Francisco before he injected his anti-toxin into a human being. Then he tried it on himself to make sure that it was harmless. He is a scientific student, with a thorough knowledge of medicine and surgery. He would have worked out his theories anywhere. The accident lay in the fact that he lived in Bakersfield.

The Pneumonia Test.
No more severe epidemic has been given the anti-toxin than Bakersfield has afforded in the past two years. In that district pneumonia accompanies most diseases, often in the duplex form. In ten per cent. of the cases it attacks the lung, or pus accumulates in the pleural cavity. Moreover, it comes swiftly and strikes suddenly. The old rubs and built towns in a night. Rapid change, exposure and cold have been followed by typhoid and pneumonia. Men have gone to bed feeling badly and never seen the end of the next day. They have fallen in the streets as if stricken with a stroke. Dr. Schafer has been most of the physicians in that part of the country where he has inoculated their patients with serum provided by Dr. Schafer. And, contrary to the experience of all previous rub settlements, there has been no epidemic of pneumonia.

WHOLE DAM FAMILY—ARRIVE
Thirteen of Em Cam's family, from Rotterdam on the steamship Rhyndam.
Chicago—For a few hours Chicago had the privilege of entertaining the "whole Dam family," stopping off here on its way from Rotterdam to San Francisco. The Dam party consisted of Jacob Dam, his wife and eleven children, and his mother, brother and

THE TREATMENT FOR THIS DISEASE WHICH HAS FAILED FOUR TIMES IN FOUR HUNDRED TRIALS

Accidental Occurrence, While He Was Playing on the Shepkins for the Telephone Company's Talking Machine.

Accident has had so much to do with all these shepkins discoveries. It was not surprising to find that the phonograph was a chance discovery. Many years ago, while Edison was experimenting with diaphragms for the telephone, he had a chance discovery of small shepkins drumbeats, to compare with the metal one. To his surprise, the shepkins diaphragm had attached a small shepkins drum. He had intended to project toward the magnet and assist in conveying the vibrations caused by the human voice. The shepkins diaphragm did not fulfill Edison's expectations, and was discarded and thrown aside as rubbish. His assistants had discovered that by holding the shepkins diaphragm in front of their mouths and emitting a guttural sound between the lips, the peculiar, approaching music, could be produced.

In passing one of the men engaged in playing on a diaphragm one day, Edison playfully attempted to stop the noise by touching the projecting metal pin with his finger, and had no sooner done so than he started.

"Do that again," said Edison, and that was repeated, and again his finger touched the pin, to his evident de-
votion. He went about for some time, asking one after another of his assistants to hum or sing against the diaphragm and finally he got them to talk against it, he all the time touching the pin lightly with his finger. He finally retired to his den, and commenced drawing diagrams for new diaphragms. His assistants were busy making, and a few days later the phonograph was put together.

It was a crude affair, but it made an impression on the wax, and it talked imperfectly—but it did well enough to show Edison that he was on the right track, and he rapidly improved it.

A hundred men might have felt the vibration of the pin attached to the diaphragm, but it was not until Edison had instantly realized that the vibration might be made to indent a waxen cylinder, and he was busy reproducing the exact sound of the human voice that caused the different vibrations.

Stone Baths Used.
On the great private estates in Mexico baths are in use today which were merely hot water, and which were used by the Aztecs and the Incas centuries ago by slave labor. They are located for the most part, in the vicinity of running water, and are fed by bamboo pipes, which are so arranged that they are filled by the old-fashioned method of carrying a bucket to and from the spring.

In California the so-called stone baths are made of cement. The residences of all well-to-do people are profuse of them, and they are a feature of the architecture. They are usually about ten feet long by four feet deep—baby swimming tanks, in fact.

The tropical custom is to fill the baths late at night. By the following morning the water will have acquired the temperature of the body, and it is upon the body. When one remembers that near the equator it is almost as warm in the morning as it is at noon, and that the sun is so hot that the city mains are always "leaking," the advantage of the stone or cement bath is evident.

Venus an Interesting Study.
"Canals on Mars" and the possibility of it being inhabited by a race of men which we one day may establish a permanent colony are of interest when compared with some recent observations as to the brilliant planet Venus.

Venus is 25,000,000 miles nearer the sun than the earth, and it makes its revolution around the sun in about 225 days. The chief difficulties which the astronomer encounters in viewing Venus is that brilliancy which makes Venus so attractive as a morning or evening star. But it seems to be established that, like the moon to the earth, Venus presents always the same face to the sun in making its orbit. It is therefore probably nearer the sun than the earth that, presenting this one surface always sunward, it is figured that the sunlit face of Venus is a horizontal plain subject to dust storms, while in its shadow is a wilderness of mountains, ice and snow, with a temperature possibly at an absolute zero.

Thrashing Machines.
The fall is the most ancient instrument for thrashing grain, although it is possible that the trampling of the straw under the feet of horses, oxen and men is older than the first machine. The Romans used a machine called the "Tribulum," a sledge loaded with stones or iron, and drawn over the grain sheaves by a horse or ox. The first machine attempted in modern times for the work of thrashing was invented by Michael Menges, of Edinburg, about 1722. About 23 years later Andrew Meikle built a similar machine. It was not until the latter half of the nineteenth century, however, that the thrashing machine reached anything like its present perfection.

Uniting a Family.
Irained H. Warner, of Washington, has succeeded in introducing people, and he has succeeded in getting them to know all the rest of his friends. As a result, he is an incessant wanderer. At a reception at which he was making himself pleasant, he introduced Mr. Kaufman to a certain lady twice in one evening. At the second introduction, the lady said to Mr. Warner: "Yes, I've met Mr. Kaufman once before this evening. Besides, he married my daughter seven years ago."
—Popular Magazine.

FOUND BY CHANCE

HOW EDISON HAPPENED ON THE PHONOGRAPH SECRET.

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BUNCHING HIS HARD LUCK

Buffer From Toothache Summoned Philosophy "His Aid" During Period of Trouble.

"Philosophers are not all dead yet," said the dentist as he met one this morning who knocked me out of two hours' work on a day when I have nothing to do to-morrow, and will make me work overtime tomorrow, when I shall be crowded with engagements. He was growling with a toothache.

"Better come around, when I attended to it," he said. "Can't do it today," he said. "I'm too busy." "Oh, yes I can," said he. "There if I have them done when my tooth is on the rampage they won't seem so bad, because one hurt will neutralize the other. I always take advantage of a toothache to dispatch those disagreeable jobs."

"Maybe not many people could stand that kind of philosophy, but apparently that man is going to get away with it."

WHAT, INDEED.



Marion—Caroline says she paid \$18 a dozen for the shoes that she bought Maxine—but they don't look like dollar like her.

Marion—Of course not. What do you suppose she paid \$18 for?

That Might Be Inducement.
It was during a storm and on the hottest night of the week that a South side teacher took a number of the public charges for a car ride. In the public square they piled out and were marched to the telescope set up by a man who vends peeps at the heavenly bodies at so his Aid. The children were told that they might look at the moon, a little lecture accompanying the lesson that the moon was a cold body.

"Teacher," spoke up one little South side, "when you look through the telescope does your face get cold?"
Cleveland Leader.

An Unreleased Hero.
Here is a niche in the Hall of Fame for Seth A. Eaton, a run mill carried from the Middleboro postoffice, who, surrounded by woodland fire, his horse lying on the ground stifled with smoke, his own hair singed, his hat burned and one side of his face and duty and saved the mill by carrying by burying it in the sand, before he fought through the line of fire to safety. Not all the heroes treated the battery.—Fall River Herald.

What Was She Wearing?
The tobacco man was telling his wife about the fire.
"It broke out at midnight in the Von Biffers' house on the avenue," he said, "and just as we were going to Von Biffer came stumbling out of the flames and smoke carrying her little niece all wrapped up in her arms. It was the bravest act I ever saw."

"What was she wearing?" inquired the fireman's wife.
"Ungracious Dropa."
Stella—Did they give the bride a shower?
Mrs. Well, all her friends threw cold water on the bridegroom.

Many self-made men forget to make themselves agreeable.
When a latrine is needed, take the alternative of a good toilet. Composed of Herbs.

Some people seem to make a specialty of thinking only near-thoughts.

Should Report Tuberculosis Cases. The National Association for the Study and Prevention of Tuberculosis says that the first requisite for a comprehensive campaign for the extermination of tuberculosis in a state or city is an enforced law requiring that every self-inflicted case of tuberculosis be reported to the health authorities. Such reporting is now required by law or regulation in 23 states, while in 28 states and territories no provision whatever is made for keeping record of cases of this infectious disease. Several cities in non-regulation states, as for instance, Chicago, Cleveland, St. Louis and New Orleans, have local ordinances requiring that tuberculosis cases be reported. In all, there are about 100 cities in the United States which have ordinances of this nature.

The Unattainable.
Young Bachelor—I often wonder if I am making enough money to get married on.
Old Bachelor—Well, I don't know how much you're making; but you start before.

WOMEN MAY AVOID OPERATIONS

By taking Lydia E. Pinkham's Vegetable Compound
The following letter from Mrs. Orville Rock will prove how unnecessary for women to submit to the dangers of a surgical operation when it may be avoided by taking Lydia E. Pinkham's Vegetable Compound. She was four weeks in the hospital and came home suffering worse than before.

Here is her own two year statement. P. W. Law, Mich.—"Two years ago I suffered very severely with a displacement of the uterus. I could not be on my feet for a long time. My physician treated me for seven months without much relief. At last last sent me to Ann Arbor for an operation. I was there four weeks and came home suffering worse than before. My mother advised me to try Lydia E. Pinkham's Vegetable Compound and advise my friends who are afflicted with any female complaint to try it."
ONVILLE ROCK, R. R. No. 5, P. W. Law, Michigan.

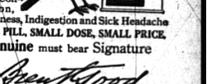


If you are ill do not drag along until an operation is necessary, but at once take Lydia E. Pinkham's Vegetable Compound.

For thirty years it has been the standard remedy for women, and has positively restored the health of thousands of women. Why don't you try it?

Your Liver Is Clogged Up

That's Why You're Tired—Out of Sorts—Have No Appetite.
CARTER'S LITTLE LIVER PILLS will put you right in a few days. They do what they say.



Indigestion and Sick Headache SMALL PILL, SMALL DOSE, SMALL PRICE. Genuine must bear Signature.

BALE YOUR HAY PRESS

It will bring you more money. Send for Catalog. P. K. DEDERICK'S SONS' 100 Trolf St., Albany, N. Y.

DAISY FLY KILLER

It kills all the flies that annoy you. It is safe for all animals. It is the best fly killer ever made.

Pleasant, Refreshing, Beneficial, Gentle and Effective.

NOTE THE NAME
CALIFORNIA FIG SYRUP CO.
In the Circle, on every Package of the Genuine.

DO NOT LET ANY DEALER DECEIVE YOU
STYRUP OF FIGS AND ELDER OF SEDNA HAS GIVEN UNIVERSAL SATISFACTION FOR MORE THAN THIRTY YEARS PAST, AND ITS WONDERFUL SUCCESS HAS LED UN-
DER THE NAME OF CALIFORNIA FIG SYRUP CO. TO OFFER INFERIOR PREPARATIONS UNDER SIMILAR NAMES AND COSTING THE DEALER LESS, THEREFORE, WHEN BUYING, Note the Full Name of the Company.

CALIFORNIA FIG SYRUP CO.