

# Physicians Have Success Curing Pneumonia With Electricity Now

### Current Pierces Chest, Heat Breaks Up Lobar Type Infection

Washington.—Lobar pneumonia, which causes thousands of deaths annually in this country, has been attacked with an encouraging degree of success, the death rate from bronchial pneumonia greatly reduced, and marked success achieved in relieving the suffering from arthritis and cases of muscular inflammation, according to staff physicians, by an electric treatment which has been worked out and applied with gratifying results at St. Elizabeth's hospital for the Insane, a government institution which is headed by Dr. William A. White.

The new treatment is an adaptation and development of methods devised by physiotherapists and used to a limited extent in military hospitals during the World war. It has been in use at St. Elizabeth's for the last 18 months, according to Dr. Herbert C. Woolley, first assistant physician, with the result that out of a total of approximately 200 lobar pneumonia cases, there have been very few deaths.

In cases of bronchial pneumonia also the treatments, though less effective than with lobar pneumonia, are said to have been remarkably successful.

The physicians at St. Elizabeth's, Dr. Woolley said, have been working on this electrical treatment for several years, but have said very little about it and even now are advancing no claims for it other than

to state the facts based on their own experience.

### Current Passed Through Chest

The treatment is not in general practice, although, according to Dr. Woolley, a few hospitals on the Pacific Coast and in Tennessee are making use of it. A similar method has been used in the Lakeside hospital at Cleveland by Dr. George W. Crile, who applied electrodes to cover the liver and the lungs during serious surgical operations to prevent the development of post-operative pneumonia.

The method, as described by Dr. Watson W. Eldredge of the hospital staff, is to pass through the chest a high-frequency alternating current at approximately 1,500,000 alternations a second, using two large tin-foil plates on the front and back. A voltage of about 70 is used.

The object is to get heat inside the body. All other methods of heat therapy consist of applying heat on the outside, which has very little effect on the internal organs. It was explained.

The patient feels no skin sensation, the two electrodes against the skin remaining cold.

The treatment is applied over a period of from 35 to 40 minutes, and thereafter repeated or discontinued according to the reaction of the patient and the seriousness of the case.

The electrical heating method is used also, but not with such notable success, in cases of muscular inflammation and in arthritis. The machine does not raise the actual temperature of the patient, but only of the local area which it is desired to affect.

### Rapid Cures Reported

When a case of lobar pneumonia is treated within the first 12 hours the result, it is stated, is only a trifle short of specific—that is, cure in every case. Lobar pneumonia is the type which ordinarily, in five to 11 days, comes to a crisis, when the patient dies or begins to recover almost immediately. It has a very heavy death rate. The electrical heat treatment, according to Dr. Eldredge, almost at once breaks down the pneumonia process and stops the infection. Under the treatment the crisis comes within a few hours, and before the patient's strength has been depleted by the illness, it was said.

Practically the same thing happens with cases first treated after more than 12 hours, but then the breaking down of the pneumonia process is slower. The crisis comes about the third day, instead of waiting, as is ordinarily the case, until the fifth or 11th day.

The beginning of lobar pneumonia is so striking, it was explained, that the greater percentage of cases are almost sure to be in the hands of physicians within 12 hours. One moment the victim is perfectly well. Suddenly he is seized by a chill lasting 20 minutes, after which a high fever develops. Thus the average person stricken realizes at the start that he is seriously ill and consults a doctor at once.

Considerable success has been attained in the treatment of bronchial pneumonia, although less striking than with the lobar type, it was said. This, it was explained, may be due to the fact that it is more gradual in its onset and may continue for two or three days before the patient realizes that he is sick enough to require a physician.

While the treatment cannot be described as a specific, so long as it does not produce exactly the same results—that is, cures—in every single case, it is about as near a specific as possible without actually being one. St. Elizabeth's physicians say. The results obtained here are expected eventually to extend the method into general practice and possibly to make an enormous reduction in the death rate caused by one of the greatest scourges of the human race.

### Displeasing Talk

Harry—Why did you quit working for Smith?  
Bill—He said something I didn't like very well.  
Harry—What was it?  
Bill—You're fired.

## Leader of Invading British Poloists



Captain Charles H. Tremayne, captain of the challenging British polo team, as he arrived in New York aboard the S. S. Aquitania. Captain Tremayne will lead the invaders when they make their attempt to conquer a picked American quartette for the international trophy next month.

(International Newsreel)

## Babe Makes Go Trial Marriage

### Agreement to Separate in Two Years Becomes Scrap Paper When Son is Born

Philadelphia.—The "experimental marriage" contract signed by William Kenneth Moyer, radical poet, and the former Ethel Olyette Amelia Oen before Magistrate Asher M. Stout made them legally Mr. and Mrs. Moyer in Souderton, Pa., last winter, stipulating that either might seek a divorce without consulting the other unless a child was born to them within two years, has just been automatically voided.

Arrival of an eight-and-a-half pound son and heir in the Moyer household has made scrap paper of their unusual pre-nuptial agreement and provided justification for their mutual belief that parenthood is the true keystone of marital contentment and that there can be no real "marriage" without it.

### Not Yet Scrap Paper

The contract between the 38-year-old father and 26-year-old mother may be void, but perhaps it is going too far to call it scrap paper. It has been torn in half, it is true; but the Moyers are going to frame it, attached to their marriage license. The agreement it will supplant in that position, which brought the young couple so much publicity less than a year ago, read:

"I, William Kenneth Moyer, of the city of Chicago, county of Cook, state of Illinois, and I, Ethel Olyette Amelia Oen, borough of Sun Prairie, county of Dane, state of Wisconsin, do hereby agree to marry for the deliberate purpose of creating a child. If, at the end of two years, we have failed in our purpose, it shall be the privilege of either one to apply for an absolute divorce, without consulting the other."

### Met in Arkansas

The Moyers first met at a dance at Commonwealth college in Arkansas and fell in love at sight. Last year, while Moyer was wooing the muse in company with the International Rebel Poet's society in Chicago, he also found time to woo Miss Oen, a lovely blond girl of Scandinavian descent, who was studying journalism at the University of Chicago.

His courtship culminated in the marriage at Souderton, preceded by the signing of the pre-nuptial agreement.

Pride in the advanced nature of their union has now given way to a more common brand of parental pride. Radical ideas are far from their thoughts at the moment.

"Eight and a half pounds," gloated the father of the child upon whose coming the continuance of his marriage was predicated, "and mother and child both doing well." No name for the baby has not yet been decided upon.

"Anyway," said the father today with a proud smile, "we won't quarrel about that."

## How Keeping Time Started And Modern

### Babylonian Wise Men Started Time Division By Hours, Shadow By

The division of an hour into 60 minutes is of ancient Babylonian origin and has survived the reforms applied to notation in the course of the world's progress. Along with the decimal system in ancient Babylon there was the sexagesimal system based upon the count by 60 and originating in the discovery that there is no number which has so many divisors as 60. It can be divided without remainder by 2, 3, 4, 5, 6, 10, 12, 15, 20 and 30.

Babylonians divided the sun's path into 24 parasangs, the latter representing about four and one-half miles. The astronomers of that day compared the progress of the sun during one hour to the progress made by a good walker during the same period of time, each accomplishing one parasang.

The whole course of the sun was 24 parasangs, or 360 degrees, and each parasang or hour was subdivided into 60 minutes.

Hipparchus, the Greek philosopher, who lived 150 B. C., intro-

duced the Babylonian hour into Europe, and, carried along by traditional knowledge down through the middle ages, it survived the French revolution, which endeavored to reduce every measure to decimal system or reckoning, so that the measure of time continues sexagesimal or Babylonian.

Then came the telling of time by the shadow of an embankment, something that was still, as the trees were moveable. Then came the driving of a stake, and when the shadow was at a certain position it was noon time, the sundial, hour glass, the water clock, the weight clock, the clock with wooden wheels, the clock with brass works, then came the clock with springs, and on up to the present time when the electric clocks are being used by thousands to keep correct time.

The hands that rule the world, are the hands of a clock that is accurate. Time is the next important factor to the weather, and everybody wishes to maintain an accurate time piece. The synchronizing, self-winding, accuracy and dependability are the features of the electric clock installed on rental basis by Western Union. These clocks are regulated hourly by the time signals sent out from the United States Naval Observatory at Washington, D. C. Factory workers, store

clerks, office assistants—all give more productive labor per hour when there is no guess work or discussion about the time of day. This story covers the origin of time on up to the present methods of keeping the time of day.

### DR. THOMAS ASKS COLLEGIANS

### "LEAVE COLLEGIANS AT HOME"

New Brunswick, N. J.—Dr. John M. Thomas, president of Rutgers University, offering counsel to stu-

200,000 young men and women who will enter American colleges in September, told them in a nation-wide radio hook-up that they would do well to "leave their conceit at home." He spoke in the National Farm and Home hour over the National Broadcasting company.

"Conceit in any society or group is not the way to popularity, least of all on a college campus," he said.

"It is better to keep still about one's merits and achievements and better still entirely to forget them. In col-

lege every one starts from scratch, and it is wise not to scramble to the first row when the freshman picture is taken. Merit, ability and powers of leadership and their just recognition as surely and as promptly on an American college campus as in any place in the world. Talents and hardihoods can help very little in that process, and a tongue too well lubricated is a great handicap."

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## When A CLEANSING MEDICINE Is Needed

"I HAVE taken Black-Draught all my life, whenever in need of a medicine for constipation," says Mrs. G. C. Burns, of Buna, Texas. "My mother and father used it in their home for years, and I was raised to think of it as the first thing if I had a headache or was constipated. At one time I had indigestion real bad. I was all out of sorts; my skin was sallow, and I had gas pains. After a course of Black-Draught, I got all right. I have given Black-Draught to my children, whenever they needed a medicine of the kind." Insist on Theford's

## Black-Draught

WOMEN who need a tonic should take Careful. In use over 50 years.

## SOUTHERN RAILWAY SYSTEM ANNOUNCES

### Important Changes in Passenger Train Schedules Effective 12:01 A. M., Sunday, August 17th, 1930.

No.	35	Lv.	Ar.	No.	36
No. 117	4:27 P. M.	Marion, N. C.	11:40 A. M.	No. 118	
6:35 A. M.	6:30 P. M.	Shelby, N. C.	9:37 A. M.	7:45 P. M.	
7:15 A. M.	7:02 P. M.	Blacksburg, S. C.	9:00 A. M.	7:10 P. M.	
8:40 A. M.	8:45 P. M.	Rock Hill, S. C.	5:50 A. M.	3:50 P. M.	
12:57 P. M.		Columbia, S. C.		11:25 A. M.	

Trains between Marion, Shelby, Blacksburg and Rock Hill connect with main line trains at Blacksburg.

Trains 113-114 discontinued between Marion and Shelby last trip each direction Saturday, August 16th.

## SOUTHERN RAILWAY SYSTEM

### HERE'S THE LIQUID KILLS 'EM ALL QUICKER—because "IT PENETRATES"

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When Another Flour Is Offered Remember That A Substitute Is "The Right Article, Made of the Wrong Materials."

### Eagle Roller Mill Co.

## Food Price News

### A&P stores will keep you posted!

There is no lack of good food for everyone these days, and—if you know where to look for it—it is cheaper than at any time since the Great War put prices up.

Try any A & P store. You will find what you want at the latest low prices. A & P has so many customers that it keeps nothing long at old prices. Everything it offers is new at new prices.

In other words, as fast as producers lower their prices to A & P, A & P lowers its prices to consumers, content always with its small margin of profit—2½ cents in the dollar.

So even if for any reason you do not buy at A & P stores, use them to keep you posted on good food prices. There you will get the latest reliable news of what you should pay.

FOR OTHER A. & P. NEWS SEE PAGE THREE

THE GREAT ATLANTIC & PACIFIC TEA CO.

### "I'LL CARRY NO MORE PACKAGES"

now that I know my Quality Service Grocer will deliver them right to my kitchen door!

- BEACON LIGHT COFFEE, Per Pound ..... 29c
- SNOW KING BAKING POWDER, 25 oz. can ..... 23c
- SAUER'S EXTRACTS, Winner of 18 Highest Awards. LARGE BOTTLE ..... 25c
- DILL'S FULL DRESS RICE, Large Package .... 25c

### ARMOUR'S PEANUT BUTTER

1 lb. jar ..... 22c

### Borden's Evaporated MILK

SMALL CAN ..... 5c  
TALL CAN ..... 10c

### BECKER'S BAMBY BREAD

16-oz. LOAF ..... 10c

### Queen Charlotte PEANUT BUTTER

1 lb. jar ..... 29c

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An unusual, delightful tempting cake, LB. .... 34c

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Med. Size 3 For 25c

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Octagon Toilet soap 3 cakes 25c

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