

SCIENCE REDUCES PERITONITIS RISK DURING OPERATION

Vaccine Made From Amniotic Fluid Surrounding Babies Before Birth Has Strange Curative Power.

By HOWARD W. BLAKESLEE (Associated Press Science Editor.)

BOSTON, Mass., Oct. 18.—(AP)—A nearly 100 per cent preventive for surgery's worst death risk, peritonitis, was announced to the American College of Surgeons here today.

The preventive is vaccine, called amniotic fluid, and its discovery came from the study of babies during Caesarian operation. In these operations, Herbert L. Johnson, M. D., of Boston, noticed that the mothers suffered fewer abdominal adhesions than usual.

Traced to fluid. Several years' study led to virtual certainty that the protection was due to the amniotic fluid which surrounds a child before birth. The same, or a similar fluid, is present in the higher animals.

Thus the animals would furnish a source for this fluid if it could be used in other than Caesarian surgery. Animal experiments were carried on for years in the animal work. Dr. Johnson was assisted by Dr. Shields Warren and J. Stewart Rooney of Boston.

A concentrated fraction of amniotic fluid was developed, its source being cows. Clinical work, the tests on human beings, went on under supervision of Dr. Daniel Fiske Jones, Dr. Edward L. Young, Jr., Dr. Arthur Kimpton, Dr. Halsey Loder, Dr. Nathaniel Mason, Dr. Edward D. Leonard and Dr. Leland McKittick of Boston.

Used as vaccine. About two years ago, Dr. Young, who is surgeon-in-chief of Faulkner Hospital, conceived the idea of using the fluid as a vaccine in the abdominal cavity before operations. About 100 cubic centimeters is injected into the cavity four to six hours before the operation.

Dr. Young demonstrated in clinics today and said that this new surgical measure has reduced the death rate from peritonitis after bowel resection from 30 per cent to two per cent. A 50 per cent death rate from this cause of peritonitis has therefore been lower than the average.

This promises the end of high peritonitis risk in some of the most dangerous operations.

High Hatters on Craterian's Bill. Ralph Britt's High Hatters of Rhythm, with a cast of 35 including eleven acts and a ten-piece band, is at the Craterian theater for a one day engagement today.

On the screen, Ann Southern has the lead in "Blind Date," comedy-romance with Neil Hamilton and Paul Kelly in featured roles.

The High Hatters revue, headed by the Victor Recording band, also has dance teams in novelty, tap, eccentric, etc., routines; comedy teams; songers and novelties.

Coming to the coast after a successful series of engagements in the east, the show is said to be one of the fastest and most talented of the vaudeville units that are now making Medford a regular roadshow date every other week.

Milk Soliciting Made Profession. PORTLAND, Oct. 18.—(AP)—The milk soliciting business in Portland is to become a "profession" after Friday when all solicitors must carry permits.

To receive the permits the holders must pass an examination, to be given by the Oregon milk control board, to demonstrate their knowledge of milk. They also must agree to practice ethics of good salesmanship—no "knocking" of competitors.

Meteorological Report

Forecasts Medford and vicinity: Fair tonight and Friday; moderate temperature. Oregon: Fair tonight and Friday, but becoming overcast northwest portion Friday; moderate temperature.

Local Data Temperature a year ago today: highest 76; lowest 36.

Total monthly precipitation, 36 inches; deficiency for the month, 34 inches.

Total precipitation since September 1, 1934, 57 inches; deficiency for the season, 53 inches.

Relative humidity at 5 p. m. yesterday 87 per cent; 5 a. m. today 69 per cent.

Tomorrow: sunrise, 6:28 a. m.; sunset, 5:25 p. m.

Observations Taken at 5 A. M., 120th Meridian Time

CITY	High Temp.	Lowest Temp.	Wind	Direction	Weather
Boise	46	32	Clear		
Boston	54	30	Cloudy		
Chicago	52	32	Clear		
Denver	52	32	Clear		
Des Moines	54	34	Cloudy		
Los Angeles	65	56	1.98 P	Cloudy	
Medford	55	36	0.00	Clear	
New York	55	32	0.00	Cloudy	
Omaha	50	42	0.06	Rain	
Phoenix	78	56	0.00	Clear	
Portland	55	48	0.00	Cloudy	
St. Paul	50	40	1.16	Rain	
Roseburg	50	42	0.00	Clear	
Salt Lake	45	38	0.00	Clear	
San Francisco	64	55	0.02	Cloudy	
Seattle	62	44	0.00	Clear	
Spokane	48	42	0.06	Cloudy	
Walla Walla	55	44	0.01 P	Cloudy	
Wash., D. C.	70	56	0.01	Cloudy	

LONE PINE P.-T. A. MEETS OCT. 24TH

LONE PINE, Oct. 18.—(Sp.)—Lone Pine Parent-Teachers association met at the schoolhouse September 23.

Those present were: Mesdames Luman, Tedrick, Helvey, Rose, Robinson, Howard Matney Lehman and Hibbert. Plans were made for a Halloween party. Next meeting will be October 24. All parents are urged to attend.

Lone Pine has played four baseball games two with Howard and two with Jacksonville.

Those with perfect attendance records for the past six weeks' period are: Arline Helvey, Dwane Lehman, Paul Medley, Mary Louise Nelson, Russell Rose, James Griffith, Lovett Matney, John Howarth, Charles Robinson, Bonnie Foresee, Walter Medley, Mary Lou Ray Robert Robinson, Jackie Rose, Donnie Matney, Opal Miller, Walter Blah, Bob Dally, Carl and Vestal Davis Etelle and Ino Foresee, Jane Hooker, Marion Johnson, Gene Tedrick, Bertha Van Ortwick, Mary Elliott Alden Hibbert, Dale Howard and Bud Hoover.

Those on the honor roll are: Jane Hooker, Dorothy Haynes, Bertha Van Ortwick, Wanda Konkel, Donnie Matney, Bonnie Foresee, Donald Davis, Arlene Helvey Mary Nelson, Thelma Howard, Dorothy Davis.

THOSE ON RELIEF ENTITLED TO VOTE

WASHINGTON, Oct. 18.—(AP)—President Roosevelt said today under no possible honest conception of the law could a man out of work and willing to work be regarded as a pauper and be denied the privilege of voting.

Informing at his press conference that action had been taken in 12 states to deny the vote to persons on relief, the President said he believed no court in the land would classify the person willing to work as a pauper.

Anyone suggesting such a course, he said, would be suggesting a thoroughly un-American procedure.

HOUSING PROJECT INCREASE IS AIM FOR RELIEF WORK

Roosevelt To Include Plans In Recommendation To Next Congress — Small Farm Plan Also Discussed

WASHINGTON, Oct. 18.—(AP)—President Roosevelt said today his recommendations to the next congress would include plans for a big increase in housing projects in connection with relief work.

Asked at his press conference if the housing program would fit in with the new public works program, the President replied it undoubtedly would.

At the same time, Mr. Roosevelt said there was no inconsistency in moving industrial unemployed to small farms with the farm administration plan of limiting production because under the first arrangement the administration was trying to save human lives.

The President told of a conference he had yesterday with Relief Administrator Harry L. Hopkins and two of his assistants, who described two small farm relief projects in West Virginia and Arkansas.

The West Virginia project involves the transfer to small farms of about 120 families of miners who have been out of work for many years and are now on relief.

In Arkansas, the President said, persons on relief were being put on small farms costing approximately \$1,500.

Stimulus and development of suburban settlements were described by the President as important developments in his program to get rid of relief and give people a chance to start over.

Asked if the government would contribute to unemployment insurance, for which legislation is now being worked out by Mr. Roosevelt's economic security committee, the President said the committee was studying various plans, one of which called for the government to pay the cost of running the insurance plan.

The President added, however, he had no idea what the committee's recommendations would be.

Fence To Carry Mild Shock For Straying Stock

DAYTON, Ore., Oct. 18.—(AP)—A new use for electrical power is being tried near Pleasantdale where an electric shock method of enclosing pasture lands is being installed.

A single strand of wire containing only enough electricity to administer a mild shock to animals coming in contact with it, encloses the pasture. Where hogs as well as cattle are kept in one field, two wires are used.

La Grande School Building Assured

SALEM, Oct. 18.—(AP)—The final agreement for obtaining \$130,000 for the construction of a training school at LaGrande in connection with the Eastern Oregon Normal school was being signed here today by members of the state board of control after approval of the state board of higher education and the federal government, which is providing loans and grants in part for the project.

The proof is in the war. Buy your HOSE at Ethelwyn B. Hoffmann's.

Use Mail Tribune want ads.

ONE MAN RAILROAD OF INTRICATE TYPE BUILT IN BASEMENT

HAMDEN, Conn. (UP)—S. G. Gilpatrick is builder, president, general manager and sole stockholder of the Suring Glen Interconnecting Lines, one of the most unique miniature railroad systems on record.

In the cellar of his home are 280 feet of tracks, switches, tunnels, bridges and roadbed of an electrified railroad, all hand-made. The main line passes through a tunnel under the coal bin, while a bridge route crosses in front of the bin. When Gilpatrick needs a shovel of coal for the furnace the bridge span lifts, block signals click throughout the system and operations temporarily are suspended until the furnace has been accommodated.

The rails are all of brass and rest on a gravel roadbed on which 3,600 hand-cut ties have been spread. Steel pillars supporting the overhead electric system are imbedded in cement bases. Ordinary shoe buttons are used as insulators—five gross of them.

The block signals, of the New York Central type, are especially intricate. There are 24 relays on one stretch

of line alone and 83 separate wires. The road is equipped with all safety devices and never has had a wreck. Milwaukee type locomotives can attain a scale speed of 90 miles an hour.

The road was built by Gilpatrick in three years, during spare time, and is by no means complete.

Quit Smoking at 104

LINCOLN, Kan.—(UP)—Grandma Tolman quit smoking a few days before her 104th birthday recently. She explained it wasn't because she feared what it might do to her health, but she lives alone, does not hear well and feared she might start a fire.

TRUCK, BUS OPERATORS ASK LESS REGULATION

WASHINGTON, Oct. 18.—(AP)—Opposition to further federal regulation of interstate motor transport at this time was expressed to President Roosevelt today by a committee representing the national highway user conference.

The committee contended the demand for regulation of rates and prac-

tices originated primarily with the railroads, and described it as "an ill-advised effort to turn back to the railroads that small portion of business they had lost by reason of more expeditious and more economical truck and bus service."

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