

INFANTILE PARALYSIS GERM ENTERS BODY THROUGH NOSE

Doctor Claims That Serums Are Ineffective — Zinc Sulphate Shown Efficient Prevention

(By Herman N. Bundesen, Former President American Public Health Association)

The disease that mothers dread most for their children is probably infantile paralysis, of which the medical name is poliomyelitis. We believe the disease is caused from an infection by some germ too small to see under the most powerful microscope. The hot weather is the season when this disease occurs most often, and epidemics, from time to time, break out in various parts of the country, during July, August and September.

While the germ which causes infantile paralysis has not been found, we have learned much in recent years which has helped treat the disease successfully. The danger of paralysis or death from infantile par-

alysis in children is by no means as great as it was even ten years ago.

The reason that infantile paralysis is such a serious disease is because the germ attacks the nervous system. It is thought by many scientists who are working with this disease that the germ gets to the nervous system through the naked, exposed nerve endings away up in the nose. These nerve endings are part of the olfactory nerve, which passes from the nose to the brain.

Serums Held Ineffective

Doctors E. W. Schultz and L. P. Gebhardt, of the Stanford University of Medicine, have been carrying out experiments for some time with monkeys, by giving them infantile paralysis. They take some of the fluid from the spine of infected animals and put it into the noses of healthy animals. These doctors have been studying the effect of vaccines and serums in preventing the disease.

They are of the opinion that the serum, even when given in very large doses, is not effective in preventing infection. This, they claim, is because the serum cannot reach the nerves by which the germ passes from the nose to the brain. Therefore they think that, in order to prevent this disease, some way must be found of blocking the passing. Many of the animals were protected for two, or even, three months.

Application of Zinc Sulphate

From these results these doctors believe that the use of zinc sulphate solution should be tried out in protecting human beings against infantile paralysis.

It is not possible for the person to spray the material into his own nose successfully so that it will cover all the endings of the olfactory nerve in the nose. Experiments have shown that, in order to do this thoroughly, the spraying must be done by a man specially trained, to make sure that it reaches the part of the nose where the nerves end.

In the application of zinc sulphate solution to the nose, the patient sits with his head tipped backward. Then, a long nozzle is inserted upward along the dividing partition of the nose, until it reaches the roof of the nose. Then the bulb of the sprayer is squeezed. The use of the ordinary atomizer, with the ordinary nozzle on it, is of no value since, in most cases, the solution will not reach far enough into the nose.

In view of the excellent results repeated experiments have shown with the use of the zinc sulphate solution in preventing infantile paralysis in animals, we are all hopeful that this protective treatment will be successful in human beings. If this treatment is successful, there is no doubt that it will go into history, side by side with the X-ray, insulin, and other milestones in saving human life.

PUBLIC NOTICE

New Brunswick Outfitters, Limited, a body corporate under and by virtue of Letters Patent issued under the provisions of the New Brunswick Companies' Act bearing date the eighteenth day of October, 1933, hereby gives Public Notice that after the publication of this notice as required by law application will be made to the Honourable the Provincial Secretary-Treasurer of the Province of New Brunswick for leave to surrender its Charter under the provisions of the Statute in such case made and provided, the said Company having sold and disposed of its assets to H. W. Jack Russell of the Parish of Ludlow, in the County of Northumberland, Sporting Camps Proprietor, and being now without any debts or obligations.

DATED this twenty-seventh day of September, A. D. 1937.
NEW BRUNSWICK OUTFITTERS, LIMITED.
(Sgd.) CORA A. RUSSELL,
Secretary-Treasurer.

SOCIAL HAPPENINGS

Hugh Dysart of Boston, brother of the Premier, is with his family spending his vacation at Dorchester.

Mrs. Walter Limerick recently spent the day in Saint John.

On Birthday

Miss Ruth Hanson entertained a few friends yesterday at her home on the occasion of her birthday.

Mrs. James Steeves is the guest of Mr. and Mrs. E. C. Rice, Petitcodiac.

Miss Grace Coleman of Moncton is spending a few days with friends in this city.

In The City

Mrs. Roy Jordan, Bear Island, was in the city today.

Wedding In New Home

The marriage of Miss Audrey Young to Dr. J. C. S. McMullen has been arranged to take place at 2:30 o'clock p.m., on Saturday, Oct. 2. The ceremony will take place at the new home recently erected by Dr. McMullen on Alexandra Street. Rev. Geo. Telford will officiate.

Arrived Home

Word has been received of the safe arrival home of Mr. Eugene Powers, Miami, Fla. Mrs. Powers who spent the summer with her parents, Mr. and Mrs. J. Fred Ryan in the city, was accompanied by her three small children, Mary, John Frederick and baby Gene.

Banquet Tomorrow Evening

Tomorrow evening at the Wilmet Church a banquet will be held in honor of the visiting clergymen who are attending the Theological School now being conducted in this city.

The Fredericton Horticultural Society held its regular meeting recently at the home of the president Mrs. H. F. McLeod who was in the chair. Routine business was carried on following which a social hour was enjoyed.

To Form Choral Club

The students of the University are to meet tonight in the hall of the Brunswick Street Baptist Church for the purpose of Choral Club.

ACRIMONIOUS

(Continued from Page Eight)
and that he urged her to see a Mr. Briggs, an attorney at Houlton.

Flareup Between Attorneys
Here Mr. Hanson objected very heatedly, saying in an irate tone of voice that the Crown Prosecutor "will learn someday," alluding to the latter's youth and inexperience.

The witness continued her testimony, in answer to the question of Mr. Murray, stating that she saw Mr. Briggs in May 1928, shortly after she had had the talk with the accused. Divorce proceedings were started in the State of Maine, with Mr. Briggs acting as attorney for Mrs. Phillips. It was said, as the witness said, "I got my divorce in 1928." Mr. Hanson objected but then withdrew his objection.

Mr. Justice Richards stated, in clarifying the reason for the objection for the benefit of the attorneys, the jury and the witness, that the word "divorce" has a legal meaning, and that, in the light of this fact, he doubted whether the witness was competent enough to state whether or not what she got from the Maine courts was a valid divorce. The so-called divorce, the witness stated, was granted at Caribou, Maine, in September, 1928.

Not Admitted as Evidence

"This is the most unusual proceeding I have ever seen in my 37 years at the Bar," stated Mr. Hanson when the Crown prosecutor attempted to submit the divorce document as evidence after the witness had described the proceedings which had taken place in the American divorce court. The attorney for the defence expressed the wish to know whether or not Mr. Murray had ever heard of the Canada Evidence Act. After a heated argument between the two barristers, Mr. Justice Richards ruled that the document could not be admitted by the court as evidence because of the question of its authenticity.

The court then took a recess until two o'clock this afternoon, when the hearing of the witnesses of the prosecution continued.

OPENING OF

(Continued from Page One)

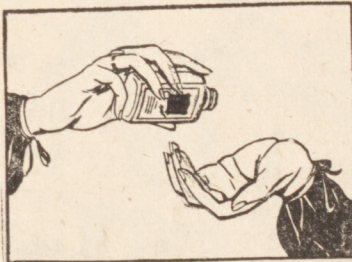
Reports were prevalent yesterday that the schools would remain closed until the first of January. Nothing of the kind however has been decided upon according to Dr. Fletcher Peacock, director of education. Speaking of the matter, Dr. Peacock said it was impossible at the present time to tell when the opening would take place because it all depended on the conditions which may crop up.

In regard to the curtailment in the school curricula for the present year, Dr. Peacock said that this would be necessary both in regard to the public schools and in regard to the Normal School. The matter of arranging the public school curricula rested in the hands of the executive of the Teachers Association and of the officials of the department of Education. In regard to the Normal School, this rests largely in the hands of the different members of the Normal School faculty who will probably get together in regard to the matter as soon as a definite date for the opening has finally been decided upon. In the same connection, Dr. Peacock stated that it is impossible to decide how much of a curtailment would be necessary in regard to the school curricula until those who were to make the arrangements were sure of the date of opening, so that any announcement concerning the curricula hinged entirely upon the health condition of the province, and when such time as definite information regarding the



BABY'S OWN SOAP
It's Best for You and Baby Too

TRY FASTER WAY TO RELIEVE A COLD



1. Take 2 Aspirin tablets.



2. Drink full glass of water. Repeat treatment in 2 hours.



3. If throat is sore, crush and stir 3 Aspirin tablets in a third of a glass of water and gargle. This eases the sore throat and your throat aches instantly.

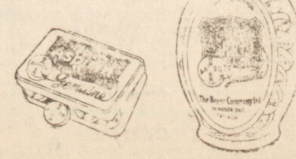
Discovery Bringing Almost Instant Relief to Millions Follow Simple Directions:
When you have a cold, remember the simple treatment pictured here . . . prescribed by doctors as the quick, safe way.

Results are amazing. Ache and distress go immediately. Because of Aspirin's quick-disintegrating property, Aspirin "takes hold"—almost instantly. Your cold is relieved "quick as you caught it!"

All you do is take Aspirin and drink plenty of water. Do this every 2 to 4 hours the first day—less often afterward . . . if throat is sore, the Aspirin gargle will ease it in as little as 2 minutes.

Ask your doctor about this. And be sure you get ASPIRIN when you buy. It is made in Canada and all druggists have it. Look for the name Bayer in the form of a cross on every Aspirin tablet. Aspirin is the trade mark of the Bayer Company, Limited.

DOES NOT HARM THE HEART



Whatever Would We Say

(Roundel)

Whatever would we say, if we should meet

Again? Perhaps we'd pass the time of day.

And mention the unseasonable heat—

Whatever would we say?

And would we make an effort to be gay?

Or would we pass each other in the street

And both look carefully the other way?

I do not think that I could be discreet,

My voice would almost certainly betray

The fact that I find life no longer sweet—

Whatever could we say?

—ANNE REID.

WINTER SAILINGS SAINT JOHN AND HALIFAX DEC. 3

MONTREAL, Sept. 28.—The Canadian Pacific's four and a half months winter season of passenger sailings from Saint John, N. B., and Halifax, N. S., will be opened December 3, when the Montclare sails from Saint John for Glasgow and Liverpool, and leaving Halifax December 4th.

With the exception of the departure of the Duchess of Richmond on December 14 and 15 for Havre and Southampton, all the liners scheduled will be on the service to Glasgow and Liverpool and a fortnightly service to Belfast. The Duchess of Richmond's voyage, her only one from the Maritime ports, will be the first of two "last minute" Christmas sailings from Canada. The final Christmas sailing will be that of the Duchess of Atholl from Saint John December 15 and Halifax December 16 for Glasgow, Belfast and Liverpool.

Glasgow and Liverpool sailings from Saint John, with departure from Halifax the following day, are: December 3, Montclare, 10th Duchess of Bedford, 15th Duchess of Atholl, 24th Montrose, 31st Montclare; January 7th, Duchess of Bedford, 14th Duchess of York, 21st Montrose, 28th Montclare; February 4th Duchess of Atholl, 11th Duchess of York, 18th Montrose, 25th Duchess of Bedford; March 4th Montclare, 11th Duchess of York, 18th Montrose, 25th Duchess of Bedford; April 1st Montclare, 8th Duchess of York, 15th Montrose.

Sailings on the following dates will also be for Belfast: December 10th, 15th and 31st; January 14th and 28th; February 11th and 25th; March 11th and 25th; and April 8th.

school opening was available, it would be gone into.

Definitely the board of education sets the requirements for high school entrance and matriculation which will necessarily have to be curtailed, lacking some other competent means of covering the work. The various boards of school trustees set the requirements for grades one to seven and the high school, which have to be of a standard to qualify the students or high school entrance and matriculation.

The continued closing of the Provincial Normal School which was to have opened on September 7, means an estimated loss to the people of Fredericton of more than twelve hundred dollars per week. At least two hundred of these students come to this city. They pay their board here and buy their books and much of their clothing and other needs in this city. This delay in the opening of the Normal Schools gives to the residents a practical lesson in what the institution means to the people of this city.



DELCINA'S BEAUTY SALON

Permanents . . . \$2.00, \$3.00, \$5.00, \$7.00, \$10.00.
Finger Wave, Komol Wave, Manicure, Facial, Oil Treatment, etc.

NEW PARISTYL MACHINE and SILENT DRYER a specialty

508 Queen St. (opp. Customs House). Phone 136.

DELCINA ROBICHAUD

TOBACCO is naturally GOOD!

Good tobacco is mellow and fragrant by Nature, but some tobaccos are naturally better than others.

None but the choicest of tobaccos are used in the manufacture of Winchester Cigarettes, and these are blended right, through a knowledge of cigarette manufacture which has come after many years of experience.

There is something in knowing how to make cigarettes.



Winchester CIGARETTES

Blended Right!

Quality unconditionally guaranteed by Imperial Tobacco Company of Canada, Limited

NOTICE

OUR FALL TERM

OPENS ON MONDAY

September 20th. Write for full information regarding our Business Courses

FREDERICTON BUSINESS COLLEGE
Established 1894

F. B. OSBORNE, Principal, FREDERICTON, N. B.

Back to Home...



and the Daily Mail!

Vacations are fun, but just the same it's a grand feeling to be back home. And one of the things that make homecomings a pleasure is your DAILY MAIL, ready for you every evening with all the news that you like best! Catch up with the news now.

If you'd like to have The Daily Mail delivered, Telephone 67.

Special Round Trip Bargain Fare CHIPMAN TO NORTH DEVON \$1.00

Going Date: Saturday, Oct. 2, 1937.

Return Limit: Monday, Oct. 4, 1937.

Tickets Good In Coaches Only. No Baggage Checked. Full Information and Tickets From Agents

CANADIAN PACIFIC

"Ask Agents for Particulars of Canada's Maple Leaf Contest. Seven Cash Prizes — You May Win \$100.00."