

The Polio Vaccine; Questions, Answers

Following is the last in a series of five articles dealing with questions and answers on the Salk anti-polio vaccine. The articles were prepared by the National Foundation for Infantile Paralysis and released through the Jackson county chapter.

Q. Why were there delays in the 1955 school vaccination program?

A. Some delay was inevitable, since no new medical product can be produced instantly for all who want it. The National Foundation ordered \$9,000,000 worth of vaccine before the evaluation results were known, but full-scale production for general use had to await the Francis Report. In addition, the new and more stringent testing regulations drawn up by the Public Health Service necessitated re-testing of some existing vaccine and the establishment of lengthier new procedures for the manufacture and testing of subsequent vaccine.

Q. Is gamma globulin the same as polio vaccine?

A. No, it is derived from human blood which contains polio-fighting antibodies. It is a temporary preventive only, its effect lasting from five to eight weeks, but it acts immediately after injection. If given before exposure to the virus, there is considerable evidence that GG is effective in preventing paralytic polio. If given shortly after exposure (within a very few days) it may reduce severity of any paraly-

sis that occurs. GG, which in 1953 and 1954 was controlled by physicians. The National Foundation also has a supply, purchased with March of Dimes funds, available without charge upon request of state or local health officers for use in epidemics. March of Dimes gamma globulin has been used in scores of communities in 1955.

Q. What research still is needed in the vaccine field?

A. March of Dimes research is continuing to improve the Salk vaccine, to find out how long its effect lasts, to determine the best times and sizes of doses for long-lasting protection, to find out if occasional booster shots are needed over the years, and to discover more effective strains of virus for the vaccine. Also, experiments are under way to find more readily available cells in which virus for vaccine may be grown, and eliminate the need for expensive monkeys whose kidneys now are used to grow the virus. Other types of vaccine also are being sought.

Q. What is a live virus vaccine for polio?

A. It is another type of vaccine, still in the experimental stage, which would consist of live strains of polio virus which have lost their ability to cause disease, but would retain the ability to stimulate antibody production. The smallpox vaccine, commonly used, is such a preparation. No live virus polio vaccine now exists for practical use, but March of Dimes work toward one continues.

Q. Can a live virus vaccine and a "dead" virus be used together?

A. Theoretically, yes. It has been suggested that the final answer to polio prevention may come from an injection of a vaccine like Dr. Salk's, followed by an injection of live virus vaccine. This procedure is being studied, but obviously must wait for the development of a suitable live virus preparation.

Q. What did it cost to develop the vaccine?

A. Records at the National Foundation indicate that \$25,500,000 was used in supporting virus research and the vaccine field trial up to April 12, 1955. This includes research done by many scientists over many years. The 1954 field trial alone required \$7,500,000 in March of Dimes funds. Dr. Salk's work has been supported by nearly \$2,000,000 and his laboratory is receiving March of Dimes funds for his present research on improvement of the vaccine.

Q. When will adequate supplies of the vaccine be available?

A. This is impossible to predict. Manufacturers are in large scale production and, as lots are cleared by the Public Health Service, supplies are going to the states under the governmental plan for voluntary control. The National Foundation has concluded its summer program but is supplying vaccine for second shots in schools for children who did not receive them. Surely during 1956 there should be

Would-Be Bank Robber Gives Up Dragnet 'Gun'

Los Angeles — (U.P.) — Citizens National Bank guard E. R. Swenson said he noticed Richard Sauer, 44, acting suspiciously in the bank lobby Monday and asked Sauer what he was doing. "You'd better call the FBI and police," Swenson quoted Sauer. "I was just about to hold up your bank."

Police, who arrested Sauer on suspicion of bank robbery, said they found in his pocket a toy plastic gun with "Dragnet" stamped on one side and "Badge 714" on the other side.

KMED Files Suit To Recover Taxes

Radio Medford yesterday brought suit in Federal court in Portland to recover \$1,522 in income taxes from the government.

The corporation claims it was taxed at too high a rate for an agreement made when it purchased Medford radio station KMED from Blanche Virgin Randle in 1950.

The agreement, representing some \$82,000 of the \$290,000 sale price, stipulated that Mrs. Randle would not engage in a competitive operation within 10 miles of Medford for 10 years. The federal government collected taxes at regular rates, but the corporation said the agreement with Mrs. Randle should have been subject to tax concessions, and asks for a refund.

Mining Claim Fraud Charged in Lane

Eugene — (U.P.) — A \$75,000 suit charging fraud in mining claims sales has been filed in Lane County Circuit Court.

Norman A. Phillips of Baker named as defendants State Rep. Loren L. Stewart, Fay H. Stewart, Lawrence E. Chapman, William J. Bartles Jr., Julia A. Bartles, William J. Bartles Jr., Katharine Bartles, Fred J. Bartles and Harriet A. Bartles, and the Bryce Creek Mining Co.

Phillips charged that he has been unable to gain clear title to 25 mining claims in the Bohemia area near Cottage Grove because of a timber and mining agreement between the Bohemia Lumber Company and other defendants.

Q. Is polio conquered yet?

A. No. But we now know its control is feasible. When supplies allow vaccination for all those in the most susceptible groups, we should see a diminishing rate of paralytic polio. But large numbers of cases are occurring in 1955 and there may be many cases in 1956. The National Foundation will continue its research and professional education programs, and must continue to provide care for the many patients for whom the vaccine came too late.

* Dead line Sunday. Classified is at noon Saturday. 1 a.m. Monday for Monday; other days 5:30, previous day.

Driver Injured When Car Overturns

A Modesto, Calif., man was injured early today when the car he was driving skidded and overturned on Highway 99 between Rogue River and Grants Pass, according to state police.

Driver of the car was Clyde B. Haddock, 43. He told police he was traveling north at about 50 miles an hour. The car went onto the shoulder of the highway and then went out of control, skidding and turning completely over.

Passengers in the car were the driver's wife, Exa, 39, and their three children, Francis, 19, Roger, 18 and Louie 8. The family was taken to Sacred Heart hospital.

Haddock received a broken collar bone. The others were released after a checkup.

Morristown, Ill. — (U.P.) — Authorities had difficulty finding a law to cover Henry Roth's traffic offense but finally charged the 28-year-old Tampico, Ill. fined him \$75. Roth was charged with driving his car along a five-mile stretch of railroad track thinking it was a "short cut."

Report Pope Heard 'True, Distinct' Voice of Christ Unconfirmed by Vatican

Vatican City — (U.P.) — Italy's leading newspaper reported today that Pope Pius XIII heard the "true and distinct" voice of Christ during a vision as he lay near death last December.

The Corriere della Sera of Milan, the nation's influential and biggest circulation newspaper, said the Pope had told this to a group of 20 "qualified ecclesiastics."

There was no immediate confirmation of the report in authoritative Vatican quarters.

Details Eagerly Sought
Inquiries brought only terse "no comments" as the Catholic world eagerly sought more details of the second supernatural experience reported for the Pope in the past five years.

The Corriere della Sera version was the first which added any purported details to those disclosed in the Italian weekly magazine Oggi last Saturday. The Vatican confirmed the Oggi version Monday.

The semi-official Vatican organ Osservatore Romano still had not mentioned reports of the vision.

Pope Pius' confirmation of the Oggi reports already had increased the likelihood that he will someday be proclaimed a saint of the Roman Catholic Church.

To Weigh Importantly

The vision, announced by the Vatican press office on the authority of the Pope himself, was the second attributed to the Roman-born pontiff, now 79 years old and in the 17th year of his reign.

Vatican quarters said the visions would weigh importantly in the eventual cause to beatify and later to canonize Pius XII. Ordinarily, to be beatified, a person must have inspired two miracles during his lifetime or after his death and two additional miracles between his beatification and his canonization.

Saw Sun Rotate

The first vision attributed to the Pope was announced by Federico Cardinal Tedeschini at the Shrine of Our Lady of Fatima in Portugal. He said during the 1950 Holy Year the Pope had seen the sun rotate on three occasions just as reported by three

EX-LOOK EDITOR WEDS
Los Angeles — (U.P.) — Fleur Cowles, who resigned recently as associate editor of Look magazine, has married British lumberman Tom Meyer here after obtaining a Mexican divorce from Gardner Cowles, it was disclosed today.

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It's a delightful Christmas fairy story that could truly have happened to your four-year-old... "The Fairy Doll," by Rumer Godden.

Every day is Christmas with 10 adopted children and 3 of their own

Learn why the Carotas, of Berkeley, decided a big family was their destiny... how they happily manage on his salary of \$480 a month as an atomic engineer at the University of California... why they simply asked for "any child who needs a home" in "No Place Like Home at Christmas."

CHRISTMAS MENUS FROM Colonial Williamsburg

Treat your family to a real old-fashioned Christmas with these simplified, rare old recipes from the greatest cooks of Colonial Virginia. Also: from Italy, eight simply delicious, authentic dishes.

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Victorian silver adds sparkle and decorative interest around the house. Here's what to look for... here's how to use it. Wonderful gifts... so inexpensive!

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"Color After Dark" features the brilliant theater coat and bright new color-accessory news. The "Young and Beautiful" choose an easy-to-make bouffant party dress, a bright jumper. And discover helpful beauty aids for your skin type in "Let Yourself Glow."

—Also—

SEE HOW A COMMUNITY finds the true meaning of Christmas love in "The Miracle at St. Columba's Kirk."

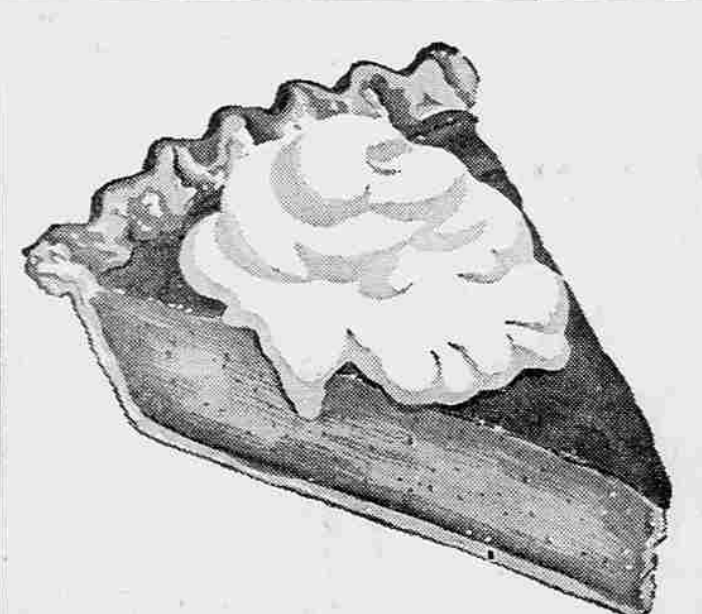
HOW ADLAI STEVENSON CAMPAIGNS. Read the touching, exhausting things that happened in his recent campaigns for governor... for President.

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