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**How to plan for your telephone when you plan your home**



When building or re-modeling a home, always plan to "telephone condition" your living quarters! Advance telephone planning will improve the appearance and liveability of your home. For instance, telephone conduits... they are inexpensive and easy to install during construction—will conceal telephone wires within walls that carry them to handy extra outlets. Plan ahead to enjoy your telephone! Your architect and building contractor will help you.

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**Medical Director Explains Use Of Gamma Globulin**

By Dr. Oscar Davis  
Lancaster County District Medical Director

Gamma Globulin is obtained from human blood, collected by the organizations soliciting blood donations. Gamma Globulin is a part of human blood serum and its separation from blood does not conflict with the extraction of other parts of the serum, particularly serum which is more readily available for blood replacement on the battle grounds than is whole blood.

Since Polio (Anterior Polio-myelitis) is a disease of man only, human blood is the only source of Gamma Globulin and it cannot be manufactured or produced in any other manner. Polio is a disease caused by viruses, of which three types have been recognized, any one of which may produce the disease. By using the pooled blood from various areas, it is possible to obtain Gamma Globulin which contains anti-bodies of three types of Polio viruses.

Anti-bodies are substances produced in the body by reaction of the body defenses against disease producing bacteria or virus they are not normally present unless a person has been ill with a recognized disease of bacterial or viral origin, or has been previously vaccinated against that disease. Gamma Globulin is of no value in the treatment of Polio once the disease had started, and is used only for the prevention of paralytic Polio in a person who has been in intimate and prolonged contact with a case of Polio.

Immunity which results from the use of Gamma Globulin is not permanent and lasts for a period of from four to five weeks only, and in addition does not reach its maximum protective value until five days after it has been given. It is for this reason that the office of the Lancaster County District Medical Director should be informed of a diagnosed case of Polio at the earliest possible time.

The presence of anti-bodies pooled serum is evidence that immunity has developed in the general public as a result of mild or unobserved infections with viruses where paralysis did not occur. Many persons have had Polio in its milder forms without ever being aware of having the disease, and are so protected against further infection with Polio of the same type.

Polio infection is transmitted from person to person and it has been established that the infection enters the body thru nose or throat, usually the latter, and that the virus may be found in the intestinal tract. Polio virus is present in the throat about five days early in the infection and persists in the lower intestines for a period of four to five weeks or even longer. The exact mode of transfer from one human to another is not definitely known, but is most likely transferred by direct transmission of infected material to the mouth. What part flies assume in the transfer of this disease is not definitely known, but it is possible for them to carry the virus mechanically from infected material to food and thus the virus gains entrance to the body when the food is eaten. Flies themselves are not infected by the virus.

Early in the year 1953, the control of all commercial, manufacture and distribution of Gamma Globulin was assumed by the Office of Defense Mobilization, and the plans for distribution by this agency were enacted April 17, 1953. The state is allotted Gamma Globulin in proportion to the yearly average of reported Polio cases over a period of the previous 5 years. The state in turn allots each county Gamma Globulin in accordance with the above plan.

Every licensed physician in Lancaster County has received instructions from the State Department of Health in Harrisburg concerning the use of Gamma Globulin and the method of obtaining it from the Lancaster County Office of the State Department of Health. With the exception of a very small amount of Gamma Globulin obtained by the pharmacies before the manufacturing and distribution was assumed by the Office of Defense Mobil-

**Aluminum Company Main Plant To Have 200,000 Square Feet**

The center of activity of the new Lancaster Works of the Aluminum Company will be the modern plant building. This structure is 24 feet high—in keeping with the low, level contour of the region—and its external walls covered with trapezoidal aluminum panels.

Groundwork for the new building—the second largest in Lancaster on a one floor basis—was begun May 23.

With the exception of specially constructed areas, such as passageways, the floor of the main plant will be of concrete. Some 4000 cubic yards of concrete will be required—equal to a standard highway nearly two miles long.

Two hundred thousand square feet of floor space—roughly 5½ acres—will be made available for machinery, chemical treating sections and storage spaces. And the design of this new plant will permit expansion on three of its four sides to an area of 400,000 square feet—practically double its initial size.

While immediate expansion is not expected, the anticipation of an ever-expanding market for aluminum screw machine products warranted the far-sighted planning of an expandable building. As civilian markets for the light metal grow, there is a corresponding increase in the demand for aluminum screw machine products. This is so because aluminum fasteners are a natural accompaniment to other fabricated aluminum pieces used in thousands of different applications.

The competition for screw machine products is great. Some 1500 companies now manufacture such products from various metals—with five such companies located right in Lancaster County. Two hundred companies also make rivets. The new Lancaster Works will be the only Alcoa plant turning out a full line of such products.

In front of the plant, facing the Fruitville Pike, will be the Lancaster Works office building. Attached to the plant, this will be a two story affair 25 feet high. It will also be aluminum paneled, through with some changes in architectural design. The show front of Alcoa's mid-state plant, this office building will be 300 feet long and 44 feet wide. Its furniture will be of gray aluminum with varied colored upholstery.

**COMPLETES BASIC TRAINING AT PICKETT**  
Three local men completed basic training at the Medical Replacement Training Center, Camp Pickett, Va., recently. They are Pvt. Allen W. Garman, son of Mr. and Mrs. W. H. Garman, of Elizabethtown, Pvt. James R. Herr, son of Mr. and Mrs. J. H. Herr, Salunga, and Pvt. Charles E. Reist, son of Mr. and Mrs. E. N. Reist, Mt. Joy R2.

Bulletin Ads Pay Big Dividends.  
ization, this office is the only source of Gamma Globulin in the county. Gamma Globulin will be furnished at no cost by this office to persons intimately exposed to the disease, under the regulations set up by the State Department of Health.

Much time and effort has been spent in an endeavor to produce a vaccine which will protect against Polio, and while much progress has been made, no vaccine is as yet available.

**MEDICAL Continued**  
There are many technical difficulties involved in the production of a vaccine against Polio principally because of the fact that viruses rather than bacteria produce the disease. The viruses of Polio will grow only in tissue. It will not grow on culture media which readily allows the growth of bacteria from which bacterial vaccines are made.

Polio can best be prevented by avoiding strenuous exercise, fatigue, and sudden chilling. Children particularly, and adults who have signs of fever, headaches, sorethroat, vomiting, stiffness and pains in the back of the neck, or some of those symptoms should remain at home, preferably in bed, and be seen by their physician. If they are developing the disease, by following the above suggestions they will be helping themselves to avoid a severe attack and at the same time eliminating the chance of spreading the infection to others.

**Mennonite Pioneers Carve New Homes In Paraguay**

Pioneering days are not over. Within the past 30 years Paraguay has witnessed a remarkable pioneering venture.

In 1920 she opened her door to Mennonite settlers. A group moved in from Canada. Thousands more poured in as refugees from Russia, Poland, Germany.

On the low-lying grassy stretches of western Paraguay they built closely-knit communities. They introduced a totally new culture into this Spanish environment.

Many of the refugees reached their new homes penniless. Without aid from outside they could never have succeeded in their strange new environment. Handicapped by language barriers, ignorant of what crops to grow or how to market them they struggled for existence.

North American Mennonites hearing of the hardships facing their brothers in Paraguay sent prompt aid. They shared material, human, and spiritual resources.

The history of this modern pioneering saga is told in "Pilgrims in Paraguay." The author J. Winfield Frittz, professor of sociology and chairman of the division of social science at Bethel college, North Newton, Kan., studied the movement in its complex aspects.

**Lancaster County Tomato Crop Is Tops**

When it comes to tomatoes, Lancaster County is hard to beat.

County farmers last year grew over 24 per cent of all the tomatoes harvested in Pennsylvania for the canning industry—more than were grown in any other county of the Keystone State.


As a result, tomato crops were a bonanza for Lancaster farmers who received \$1,459,000 from canners last year for the vegetable, according to D. J. Deland, Eastern Pennsylvania representative of American Canners.

He observed that county farmers in 1952 devoted 94 percent more acres to the growing of tomatoes for processing than they did in 1939. Virtually all the tomatoes from the 6,320 acres devoted to growing the vegetable last year were bought by canners, the representative of the can-making firm said.

"The expansion in the growing of tomatoes for canneries in Lancaster county," Mr. DeLand said, "is indicative of increasing farm interest throughout the state in growing for the canning industry. During the last 14 years, Pennsylvania acreage devoted to tomato crops has increased nearly 45 per cent."

He pointed out that last year Pennsylvania tomato growers derived 80 per cent—or \$6,024,600—of their income from the sale of crops to food processors.

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	6.40-15	21.00	15.75	10.50	
	6.70-15	22.05	16.55	11.00	
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