

Assorted sterile bandage compresses in individual packages  
 Triangular bandages  
 Sterile gauze in individual packages of about one square yard  
 Roll of one-half inch adhesive  
 Inelastic tourniquet  
 Scissors (blunt tipped are best)  
 Three-inch splinter forceps  
 Paper cups  
 One-inch and two-inch roller bandages  
 Wire or thin board splints

Science News Letter, November 4, 1950

#### MEDICINE

### New Operation Helps Colitis Patient

► A NEW operation for ulcerative colitis was reported by Drs. Benjamin G. P. Shafiroff and J. W. Hinton of New York University College of Medicine at the meeting in Boston of the American College of Surgeons.

The operation, termed denervation of the pelvic colon, consists in cutting certain nerves to the colon. "Marked improvement" in both symptoms and physical condition of five patients followed this operation.

Science News Letter, November 4, 1950

#### PUBLIC HEALTH

## Grants for Research

► BLOOD, a new vitamin, preserving bones and teeth into old age, curing deafness in school children and a conception-to-death study of growth are among the 155 research problems for which the U.S. Public Health Service has awarded grants totalling \$4,708,766.

The blood research will continue studies already under way under the leadership of Dr. E. J. Cohn and Dr. Charles A. Janeway of Harvard University on methods of separating elements of the blood, preserving them for longer periods and thus making blood more useful than ever, both in case of atomic attack and for saving lives threatened by such peacetime conditions as heart, kidney and joint diseases.

In order to determine whether radium treatment for prevention of deafness due to overgrowth of adenoid-like tissue is effective and cheap enough to be recommended for routine use in regular school health programs, 1,000 Baltimore, Md., school children will be tested under the grant to Dr. Samuel J. Crowe, Johns Hopkins University professor who originated

the method.

The conception-to-death study is under the direction of Dr. Alfred Hamlin Washburn of the Child Research Council, Denver, Colo. Purpose of the study is to correlate physical, mental and emotional factors over a long period in order to develop more reliable methods for determining patterns of normal and healthy growth. Investigation of individual differences in growth of a selected group of persons from the prenatal period to death and through several generations of their descendants is planned. A score of research workers in pediatrics, physiology, biochemistry, hematology, nutrition and psychiatry will continue the investigations already begun on 166 persons.

In another study awarded a research grant, local police, hospitals and physicians will cooperate in furnishing patients for tests as to whether an artificial kidney can prevent death from an overdose of sleeping pills. This one will be conducted by Drs. Harold Jeghers and Theodore Koppányi at Georgetown Hospital, Washington, D.C.

Science News Letter, November 4, 1950

#### ECONOMICS

## Food More Costly in '51

► THE WORLD'S housewife will go to market in the coming year to buy more food than the farmer can supply.

This is the essence of an 81-page annual report issued by the Food and Agriculture Organization of the United Nations.

The Korean crisis and subsequent quickening of world rearmament, said FAO, will lift purchasing power and the demands by people nearly everywhere for food and other agricultural products.

At the same time, the United Nations agency predicts, supplies of food will be only slightly greater than in the past year, barely keeping pace with increases in world population.

The result, FAO experts believe, will be rising prices and a boom in international trade in agricultural products. Already wool and rubber have been gravely affected, they pointed out, and demands for rice, cotton, coffee and cocoa have begun to outrun available supplies.

The annual FAO study, entitled "World Outlook and State of Food and Agriculture—1950," pointed to the brighter side of the picture. Military expenditures by the U. S., it said, will put more dollars into international trade. Dollar shortages in other parts of the world will be reduced.

"It seems that bitter fighting on a peninsula of Asia and world-wide increases in economically unproductive armaments will do more to improve certain aspects of the international distribution of food than all

the direct efforts made since 1946," wrote the FAO Director-General, Norris E. Dodd. "This is not a flattering commentary on international statesmanship."

In supplies of food per person, said the report, the world will make only a slight

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