

Three-Pronged Advance Putting Squeeze on Cancer

By ALAN C. DAVIS
Science Editor
American Cancer Society

Seven nationally prominent medical practitioners, educators and researchers — three surgeons, three radiologists, one internist — anticipate significant advances against cancer in their specialties in the near future.

All three radiologists see further development of cooperative effort among all involved in treating cancer as the "wave of the future."

Radiologist Dr. Wendell G. Scott, ACS President in 1964, anticipates "great results from the basic research that is being conducted" in radiology, radiochemistry and molecular chemistry — that will lead to the full understanding of the effects of radiation on cell life.

In radiation therapy, one of the chief tools in the treatment of cancer, Dr. Scott looks to "the development of chemicals which will render malignant cells more sensitive to radiation, and thereby result in more effective treatment."

Recognizing that many cancer victims are currently unable to have the advantages of advanced treatment because there are no such units near where they live, Dr. Scott predicts "the development of more and better geographical distribution of departments

of radiation therapy that will provide greater accessibility to many people for this form of treatment."

Fellow radiologist Dr. Eugene Prendergrass, of the University of Pennsylvania, ACS President in 1959, predicts "there will be many new tools in radiology for research and for therapy, especially in the field of radioisotopes." Like Dr. Scott, Dr. Prendergrass sees the blending of capabilities in radiology, surgery and chemotherapy as greatly enhancing cancer treatment.

Dr. Thomas Carille, Seattle, Washington radiologist, reports "in the field of radiation, there is a slow, but consistent improvement in some areas as we learn how to better use the tools that are now available."

The men who operate on cancer patients to remove tumors view earlier diagnosis as a major objective, due to the capabilities for control or cure known to be available. Dr. Warren H. Cole, Asheville, North Carolina surgeon, cites surgery as "a tool which is very effective in treatment of cancer, but in general the results are inversely related to the length of time the cancer has been present."

He adds, "we have good evidence showing that patients who have had their tumors removed before pro-

duction of symptoms have a much higher expectation of cure.

"For example, in many tumors in which the five year survival rate in routine cases (treated after symptoms were produced) is about 50 per cent. The rate has been elevated to 80 or 90 per cent in the group of patients having their tumor found by a detection examination, and removed before symptoms have been produced."

Surgeon Ashbel C. Williams, Jacksonville, Florida, views "developments in the field of immunology, chemotherapy, and newer methods for earlier diagnosis and prevention of cancer," as coming in the near future.

Dr. Murray M. Copeland, surgeon at the M.D. Anderson Hospital and Tumor Clinic, Houston, Texas, believes biochemistry "is at the heart of the attack on cancer, and has much promise in the years to come."

"Progress in biochemical genetics . . . someday may well be utilized for the repair, improvement or replacement of damaged or defective genes."

Dr. Copeland views organ transplantation as of vital interest for the future. "When the rejection mechanism is clearly understood and can be adequately manipulated, vital organs filled with metastatic

disease can be replaced." Because cigarette smoking is "the principle cause of lung cancer," he advocates a two-pronged attack on this disease:

(1) "Educational campaigns, particularly those aimed at young people should receive increasing emphasis; at the same time,

(2) a long-range research program to eliminate, if possible, the process in cigarette smoking which is involved in inducing cancer."

Also free dressings, the loan of sick room supplies and free transportation for treatments at a hospital or a physician's office.

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The Soul Is Not Saved Alone

(Continued from Page 6)

of the Cosmos. Then will be fulfilled the words: "Behold, I make all things new" (Rev. 21/5); Rom. 8/19-22)

In the meantime, the mountain is being formed from the valley, the resurrection from the descent into the grave; the ascension from the humiliation of the Incarnation, the burial of Body being filled up into the Body of the Church.

Teilhard de Chardin expressed this beautifully: "Your hands, O Christ, which do not merely touch here and there, (as human hands must do) but which, immersed in the very depths, in the totality, past and present of all things, work upon us at once through what is most vast and what is inmost within us, and around us . . . From the heart of the least atom right up to the energy of the most universal law, it has invaded every element, every motivation, every linkage of our cosmos so naturally that one could easily think that it had blazed up spontaneously."

Christ, then, is not outside of the universe, or the space-world. He is in it, not as lead is in a pencil, nor as an egg is in a cup, but as the Being which gives it existence, the Truth which makes it so natural that scientists can extract its law, and as the Target to which all arrows are directed from the quiver in His Hands.

Our Lord is not merely a pious extra added to creation from the outside; a supernumerary who was called in only to mend the broken fence of humanity; a great teacher appearing like Buddha or Socrates with no previous history. The universe was not made by a flick of the finger and then let loose with a Bing-Bang, to spit out stars and vomit comets. Having come to repair a creation that was originally good, Christ is in it continually creating, the Maker of all that is amaking, preparing a last stage for the glory of man as He prepared a corner in which He appeared as Man.

"Then comes the end when Christ delivered the Kingdom to God the Father after destroying every rule, authority and power, for He must reign until He had put all enemies under His Feet, the last enemy to be destroyed in death" (1 Cor. 15/24) The Kenosis will then be the Pleroma, or as the poet has put it:

"Here in life's chaos make no foolish boast
That there is any God omnipotent,
Seated serenely in the firmament,
And looking down on men as on a host
Of grasshoppers blown on a windy coast.
Damned by disasters, mangled by mortal ill,
Yet who would end it with one blast of Will."



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CAPITOL HILL ROUND-UP

Albany—There is no doubt that many of the new social welfare bills being presently considered seriously here are regressive.

They will work definite hardships on the poor and the aged.

In the long run such moves can only be to the disad-

vantage of the whole community.

The Governor's staff has been meeting with his social welfare leaders in the department and the legislature in an effort to prepare bills that will implement the budget for 1969-70.

There are a series of backward-looking proposals already being given serious consideration. Some of them would:

a) permit use of "script" in place of cash grants to recipients (a demeaning practice that stigmatizes the welfare family).

b) automatically assume that anyone who applied for aid within six months of coming to New York was guilty of coming here for the purpose of obtaining welfare.

c) change standards of welfare eligibility so that fewer people would be able to receive aid.

d) cut back on the amount of hospital, nursing and medical aid given to people on welfare.

The legislature seems to be "over-reacting" to what is admittedly a real problem, and while making sensible suggestions in some areas is calling for drastic, impractical changes in others.

The Joint Legislative Committee to Revise the Social Services Law, for example, has made a number of proposals. It proposes:

1) the state assume the local cost of old age assistance, aid to the blind and disabled . . . until the Federal government takes it over.

2) that the state request the federal government to create a minimum standard of public assistance for the country.

3) that the State request the Federal government to provide grants-in-aid for research to the individual states.

These are all to the good. The problem is: what the Legislature does in the meantime—until the Federal government goes along with these suggestions.

It is in this "meanwhile area" where drastic, imprac-

tionable change is under consideration.

The bills under serious consideration now take the short-sighted view that we can solve our budgetary problems by reducing aid to people who need it.

Actually we haven't accomplished anything if we deny people who need help, the help they need. What happens then is they simply become more helpless and they will need greater things in the future and the demands upon us then will be even greater.

What is needed and what may well come is a positive response—that takes the problems individually one by one and sets out to decide:

1) How do we treat the wage earner who has been unable to find a job while receiving unemployment compensation and now finds he must receive welfare? Certainly he's different from the —

2) aged person who's suddenly moved out of his home because of an urban-renewal project and finds his social security check is not enough anymore for his new home or the —

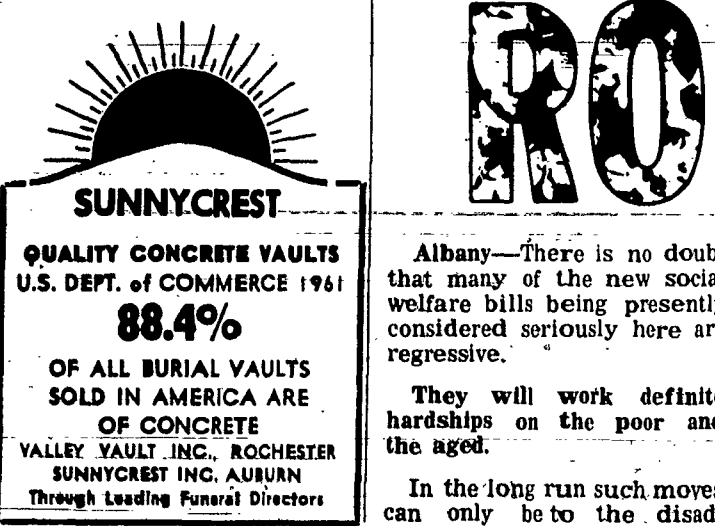
3) young mother with a family whose husband suddenly dies and leaves her without any income, who is different from the —

4) 40 year old wage earner who suddenly becomes totally disabled and has a family and no income.

The fact is: we can't at the present moment solve the problems of people on welfare by merely cutting the cost.

The problem is: that seems to be all this legislation appears intent on doing (except for requesting the Federal government to provide more funds).

The danger is that the true Christian concern for people and people's welfare could be lost sight of in a hassle over budget figures that considers only the dollar signs and not the help to people in need that the dollars represent.

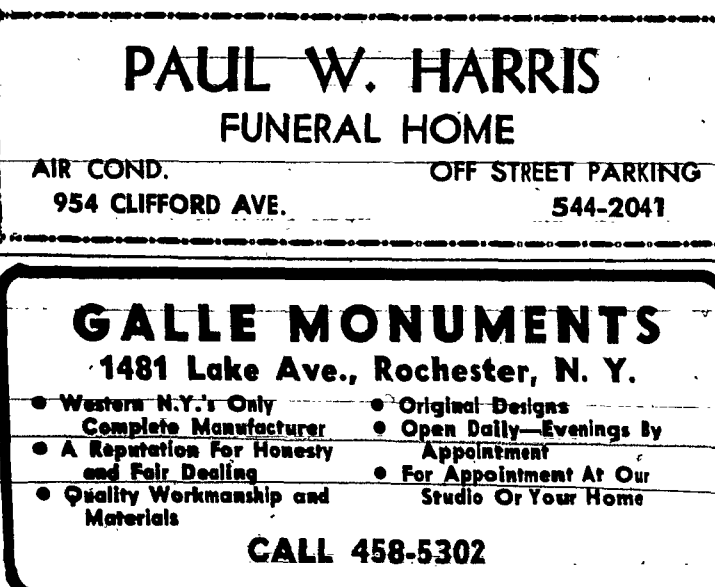


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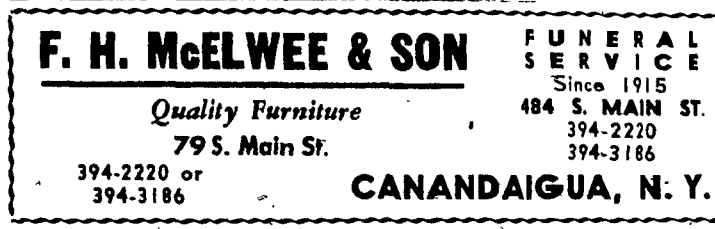
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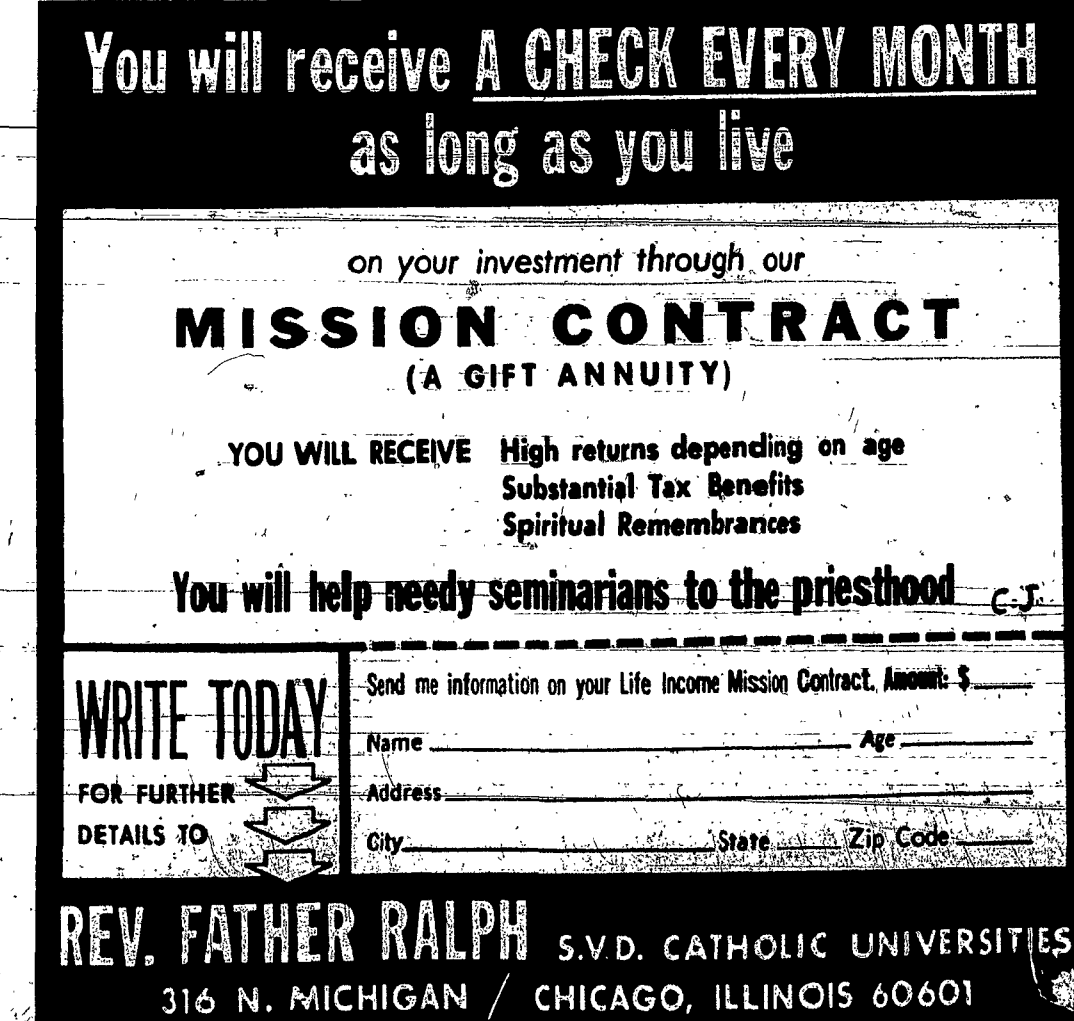
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By PETER SC The author of cle; the first in Lenien meditation scholastic in New schools, and curr theology, at Wood

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