

Breast Cancer Seen As Function Of Age

"One of the most striking characteristics about breast cancer is that its occurrence is clearly a function of age," a University of Missouri surgeon said Thursday in a speech given at UNC-Chapel Hill.

Dr. William L. Donegan said that 70 percent of breast cancer in women occurs be-

tween the ages of 40 and 70. "After the age of 30 the incidence increases directly with advancing age, but not at a uniform rate," he said. "Curiously, the rate is greater before age 40 to 45 than after."

Dr. Donegan was the opening speaker at the University of North Carolina School of

Medicine's "Symposium on Breast Cancer." A cancer specialist, Dr. Donegan is a professor of surgery at the University of Missouri's Ellis Fischel State Cancer Hospital.

"The evidence is that women once victimized (by cancer of the breast) are five times more likely to develop the second breast cancer as they were to develop the first," he said. "But the great risk is especially concentrated in the younger women," Dr. Donegan said. "One clinical study indicated that if a woman is less than 50 years old her risk is 10 times normal and twice that of women older than 60 years."

"Cancer of the breast is said to involve more surgical operations, more radio-therapy, more chemotherapy and more hormone therapy than any other malignant tumor. Unfortunately the tremendous increase in information which is available about cancer of the breast has not been matched by an equal increase in control of the disease," he said.

"Breast cancer now accounts for approximately 30,000 deaths annually in this country and is the leading cause of the deaths from malignant tumors among American women."

On an optimistic note, Dr. Donegan added, "There is evidence that prolonged breast feeding is associated with the reduction in risk of breast cancer. Prolonged breast feeding has been used to explain the low risk among Japanese women in whom the practice is prevalent."

Six other cancer specialists and surgeons are speaking at the symposium which ends on Friday night. The meeting is being sponsored by the Clinical Cancer Training Program of the National Cancer Institute, the N.C. Division of the American Cancer Society (especially the Harnett County Chapter) and the UNC School of Medicine.

Industrial Dust Menacing Problem In NC Says Doctor

The annoying household dust that menaces homemakers today is hardly a problem, considering the growing health-threatening hazard of industrial dust pollution in North Carolina and throughout the nation.

According to Dr. David Fraser, an industrial hygienist at the University of North Carolina here, some highly populous industrial areas of the state have sufficiently high dust counts so as to be a real concern.

"The general public should rely on professionals to handle the problem of dust pollution instead of taking it into their own hands. We have a lot of technology available, and all that is needed is to develop good, forceful and feasible legislation," said Fraser.

"In North Carolina, the ones with which we are mainly concerned are cotton dusts (those causing the disease byssinosis-inflammatory and fibrotic disease occurring in cotton mill workers), wood dusts (those with which woodworkers are concerned), and all the other represented industrial dusts prevalent here," he said.

"Industrial dust means so many different things. To a housewife it is a nuisance; to those involved in building maintenance, it may mean expense; to a community, it implies air pollution; and to industrial workers, a health hazard." One of the real problems we encounter, is that these harmful industrial dusts are so small that people are not easily convinced they exist," he said. Many of the particles are so small they behave more like gases and are breathed in and out.

Fraser urged immediate regulation and legislative control of industrial dust pollution. "We have to be guided by a number of factors dealing with the dust, and we need regulations that are applicable statewide."

Fraser discussed briefly the problem of cotton dust causing the disease byssinosis in North Carolina. "It seems to be related to the method of harvesting the cotton," he said, "and is most apparent in the initial cleaning rooms. There seems to be a direct correlation between the disease's occurrence and the amount of foreign matter collected in cleaning which has been increased due to modern machinery."

North Carolina, South Carolina and Georgia produce some 70 percent of the textile in-

dustry, he noted.

Mr. Fraser has written numerous articles in journals concerning air pollution and air sampling and has done research in the area of carbon monoxide poisoning.

Charity Horse Show

MARSHALL-- The annual charity horse show, sponsored by the Marshall Lions Club, will be held on the Island here Saturday, June 6. In case of rain the show will be held on Sunday.

A total of 38 classes are scheduled for the afternoon and night session. 20 classes will show on Saturday afternoon beginning at 1:00 o'clock and 18 classes, including championships will be on the night's schedule to begin at 7:30.

Lion President Jerry Plemmons, coordinator of the event, stated that trophies, ribbons, and cash awards will be presented.

Officials for the horse show include Hon. Bill Winchester of Florence, S.C., Judge; Lloyd Thomason, Master of Ceremonies; Glen Fletcher of Candler, Ringmaster and Chet Griffin, Farrier. A veterinarian will be on call.

Admission will be 50¢ and \$1.00.



Jackie Ann Jones

Engagement Announcement

Mr. and Mrs. Jack P. Jones announce the engagement of their daughter, Jackie Ann, to Bacchus Selwyn Hensley, son of Mr. and Mrs. Selwyn Hensley. Miss Jones is presently employed as a secretary for Ro-

berts Chevrolet-Buick, Inc. Mr. Hensley is a forestry major at Wayne Community College in Goldsboro, N.C. Wedding plans are incomplete.

'Honor' Grad Gets Scholarship

Nancy R. Randolph of Yancey County is among the 677 North Carolina students who will receive \$600 student loans in 1970 from the Scholarship Loan Fund for Prospective Teachers.

Some 427 of the recipients have chosen to study elementary education. We feel this is particularly encouraging, said State School Superintendent C. Phillips, in view of the finding

of recent research that shows a chronic shortage of adequately prepared teachers at the elementary school level.

Scholarship loan recipients are required to teach within the State for one year for each year a loan is received in order to satisfy their obligation. The yearly loans are awarded to students with a high academic standing.

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