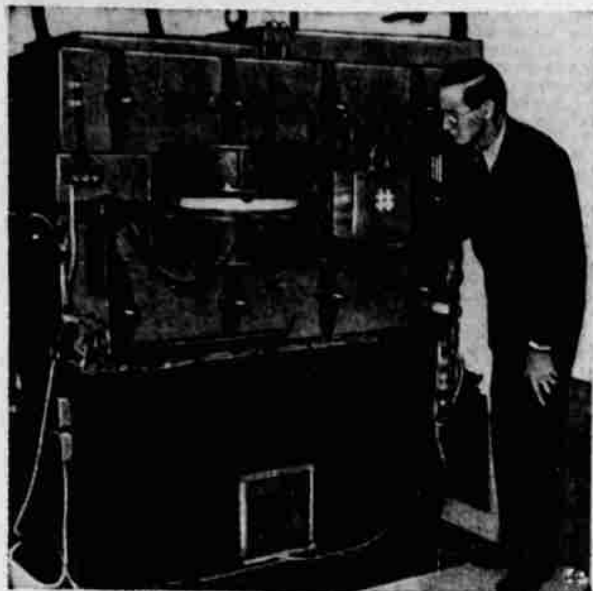


FOCUS ON CANCER: Pole-Shaped X-Ray Is New Treatment



AIM—Model of patient's head is aligned for treatment.

By HOWARD W. BLAKESLEE
Associated Press Science Editor
CHICAGO — The University of Illinois College of Medicine has a beam of X-rays the shape of a pole.

This is something new in beams of any kind. Other beams are fan-shaped. This beam is used to treat cancer and comes from a betatron, a new high-energy electrical machine producing 25-million volt X-rays.

The rays are invisible, but photographic film reveals their peculiar formation.

The betatron is a box, higher than your head, sheathed in metal, none of the inner works visible. Shoulder high on the betatron face is a round hole, big as your wrist. A yard in front of the hole Dr. John S. Laughlin sets up a target, a sheet of photographic film.

When the film is developed it shows a round, black disc, the same size as the hole in the betatron's face. The edges of the black spot are sharp as if cut by a knife. The X-rays went through bunched, as rigid as if they had the form of a long round pole.

This betatron beam reaches a cancer with the accuracy of a surgeon's knife. The rays drive so hard that they pass through skin and surface tissues without causing

Luxury Yacht Corsair Hits Rocks

ACAPULCO, Mexico, Nov. 12 (AP) — The luxurious yacht Corsair, once the private ship of Banker J. Pierpont Morgan, struck rocks and went aground early today in Acapulco harbor.

Passengers said there was "no panic" and "no great excitement." The 45 passengers and a crew of 32 were taken off in lifeboats and small harbor craft.

Port officials said the 343-foot vessel struck rocks a few minutes after midnight. Although she was going slowly, a large hole was torn in the bow. It had left its dock only about 15 minutes previously.

Quick Work

Capt. H. Neddin of Vancouver, B. C., who has skippered the former Morgan yacht since July, 1947, pointed her at a small nearby beach, "Ensenada de los Presos" (Bay of the Prisoners). The vessel's bow is submerged a short distance off shore and shipping men said if the captain had not acted quickly the boat would have sunk, she was shipping so much water.

The Corsair operated as a luxury cruiser between Los Angeles and Acapulco in the winter and between Vancouver and Alaska in the summer.

The Corsair, a vessel of 2600 tons, was built by Morgan in 1930 as his private yacht. It became a war ship and has since been turned into a cruise ship.

Dispute Center
A labor dispute, which started over differences between Canadian maritime unions, led to picketing of the vessel in Seattle recently. It sailed from there to a Canadian port and then proceeded south.

BIG GIRL
ROME, Nov. 12 (AP)—A baby girl weighing 17 pounds was born to Signora Luciana Zenobi in Fossombrone, Central Italy, the Italian news agency Astra reported today. Both the mother and the girl were reported in excellent health.

SINUS sufferers IN THE KLAMATH BASIN

If YOU Want -- RELIEF and HELP Send For Our BIG Sinus Book

(We Have No Medicine or Anything Else to Sell You)
No matter how long you have suffered, or what you have tried, this interesting, instructive and easy to read Sinus Book will enable you to fully understand your own case and may save you years of suffering.
This Book contains information heretofore known only to Specialists. It explains the Anatomy and Physiology of the Sinuses—Lists the causes and symptoms of Sinus Disease—Describes complicating Secondary Diseases. Treatment methods are fully explained—It tells how operations may be avoided, and where to look for Help and Benefit near

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Albuquerque, N. M.

GUN—Dr. D. W. Kerst, inventor of betatron, looks it over.

much damage. As they hit the tissues the rays produce electrons, but these too travel so hard and so fast that they cause little surface damage.

The greatest burning effect is deep below the skin. This makes the pole-shaped beam a new cancer tool. Aiming this invisible beam is difficult. The target is an unseen place inside the body. The bullets are invisible. Only the patient can be in the room when the betatron fires.

Models of the cancer patient have to be made for aiming. To date marksmanship has been only on

heads and necks. The model heads are exact reproductions of the patient's lines and contours, perfect enough to be prize-winning sculptures. The model is set in the position the patient will occupy, and surveying fixes this position down to the smallest fraction of an inch. Phantom heads are made of scores of thin layers. Between each layer is a sheet of photographic film. The beam is shot into his phantom, and the film records the X-ray strength and damage at every depth.

The patient sits or lies in the measured position. He feels no pain, in fact he doesn't feel the ray at all. But he cannot wear a collar button. He must not wear his glasses. Because either metal might become radioactive.

Occasionally when these 25-million volt rays strike something they are captured somewhat like a billiard ball in a corner pocket. In this capture they often transmute the atoms they strike. This is the same transmutation as done in atomic piles, and creates the same kinds of radioactivity.

Because of this the walls of the betatron room are covered with materials that do not transmit readily. This induced radioactivity is no risk to the patient, but could interfere with accuracy in the instrument.

Dr. Roger A. Harvey, radiologist in charge of treatment, refuses predictions. Four persons have been treated. The first was at the University of Illinois, Urbana, where Dr. Donald W. Kerst, inventor of the betatron has several of these machines. There a 22-million volt beam was focused on a deep brain cancer upon which conventional X-ray surgery had failed. The patient died of another cause before the treatment was completed, but an autopsy showed the cancerous tissue almost completely destroyed, without apparent damage to surrounding tissues.

It Pays to Use the Want-Ads!

SUCCEEDS KRUG — Oscar Chapman (above) was named by President Truman yesterday to take Julius Krug's place as secretary of the interior. Chapman was interior undersecretary. Krug resigned.

DO YOU KNOW?
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Organization of NOMA Unit Planned Here

Roy T. Premo, office manager of Lorenz company, today announced an organization meeting for a Klamath Falls chapter of the National Office Management association. The meeting will be held in the Winema hotel November 1, 7:30. It will not be a dinner meeting.

Purpose of the association is to promote a free exchange of ideas on office management, to encourage standardization, and to initiate and effect scientific methods of office organization and management.

Eligible
There are over 110 chapters from coast to coast in the United States and Canada, with a total membership of over 9000. Any person whose work lies in the field of office management is cordially invited to attend this meeting, with no obligation or strings attached. Premo particularly urged that top executives attend, as it is hoped that a local chapter can be formed Tuesday night.

Sponsor
Sponsor of this group is the Portland chapter of NOMA, and it is expected that a large delegation will be present from Portland for this organization meeting. E. J. Coffey, NOMA Area 12 director, and manager of the Mutual Benefit, Health and Accident association of Portland, is making the arrangements for the Portland visitation. W. W. Carl, sales representative of the Burroughs Adding Machine company, has been active in contacting local office managers, and others interested in forming this chapter.

Strauss Meets With Newell Area Dwellers

An informal meeting of more than 30 settlers and homesteaders of the Newell area was the highlight of the visit of Michael W. Strauss, federal commissioner of reclamation, Thursday in the Klamath basin.

Strauss expressed surprise at the minimum of problems and difficulties that the homesteaders in the Newell area are having.

Finances
One of the problems he discussed with the people was the ability to obtain finances. Although financing has tightened up some on the farmers, he said that satisfactory financing was still available. Also the restricting of potato growing on lease lands was discussed but no decisions given.

Plans also were made for the organization of the district to form irrigation ditches and a payment plan for construction was discussed. Strauss told the people that the Klamath reclamation project was one of the oldest and most successful in the entire country.

Future
Future development is planned for the area, Strauss told the homesteaders, but no immediate plans have been made.

Strauss left Thursday evening with his wife and other reclamation officials for Sacramento and further reclamation project meetings.

COLLEGE HEADS MEET
SALEM, Nov. 12 (AP)—Campus officials of 13 Oregon colleges and universities today held final sessions of the meeting of the Oregon Federation of Collegiate Leaders.

Extra Special! YOUTH RALLY

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TONIGHT 7:30
Assembly of God
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Rev. Victor Trimmer of Salem, Youth Specialist



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Listen to Calvary Echoes, KFLW, 9 A. M. Sunday

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Housewives, artists, career girls—look! Smocks! One is trim and tiny-waisted — other loose with a Buster Brown collar and big floppy bow. And both easy-wear!

Pattern 9312 comes in sizes 12, 14, 16, 18, 20, 40. Size 16 takes 3 1/2 yards 35-inch fabric.

This easy-to-use pattern gives perfect fit. Complete, illustrated Sew Chart shows you every step.

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Don't miss—our Marian Martin Fall and Winter Pattern Book! Smart, new clothes to sew at home. Gift ideas by the score. Send fifteen cents for this book—a Free Pattern is printed in the book—a new week to wear with your skirts and dresses!

Woman Injures Back in Fall

Mrs. Otto Peterson of Keno suffered painful back hurts in an accident early Friday evening when she fell at the home of friends on Hope street. She was moved to Klamath Valley hospital for treatment by Kaler's ambulance.

Mrs. Peterson was reported improved at the hospital Saturday morning and will be able to return to her home sometime today.

For a few pennies per word you can advertise to thousands—through a Want Ad! Phone 5111.

Hog Competition

Pork May Be on Way Out As 'Working Man's Meat'

By OVID A. MARTIN
Associated Press Farm Reporter
WASHINGTON, Nov. 12 (AP) — There is an old saying that pork is the working man's meat. It grew largely out of the fact that pork usually was cheaper.

But pork shows signs of losing its hold on the working man—at least that is the opinion of a veteran agriculture department livestock expert, Charles Burmeister.

Main Reason
One of the main reasons for pork's popularity with workers aside from price, said Burmeister, has been its high fat content. Men who work hard and long hours require a large amount of fat. The human body converts fat into energy.

But, says Burmeister, labor-saving machinery and the shorter work week are cutting into the workers' desire and need for pork. Burmeister says working people are turning more and more to beef.

As a consequence, he doubts the need for much larger production of hogs. The big expansion in meat animals, he says, should be in beef cattle—not only to meet what he describes as a growing consumer desire for beef, but also as a means of using land no longer needed for growing crops, now that new grain and cotton surpluses have developed.

Food Fats
There is another reason why hogs apparently face stiff competition. They used to be the major source of food fats—lard—but now many housewives prefer cooking fats made from cottonseed, soybean, coconut and peanut oils.

This preference is an important factor in the present rather weak price position of hogs in relation to

cattle. There are large stocks of lard, prices of which have declined materially in the last year. Naturally declining lard prices pull down hog prices.

Government authorities on home economics report that women—in their efforts to keep slim figures—also are tending to eat less pork. Energy needs of women also are declining, they say, with the rapid increase in home labor-saving devices.

JUDGE BYRON HARLAN
COGAN STATION, Pa., Nov. 12 (AP)—Judge Byron B. Harlan of the U. S. tax court and former democratic congressman from Ohio died yesterday of a heart attack at the home of his son. He was 63.

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Classes Start 8:00 P. M., Nov. 15
10 LESSONS ONLY \$10.00
Instructor, OTT ELLIS
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A branch of The Mother Church, The First Church of Christ, Scientist, in Boston, Mass.
10th and Washington
Services: Sunday Service, 11:00 a. m.
Sunday School, 11:00 a. m.
Wednesday evening Meeting, 8:00 o'clock.
Lesson-Sermon Subject Nov. 13—
"MORTALS AND IMMORTALS"
Christian Science Reading Room
1023 Main St.
Radio Broadcast --- Sat. 5:45 p. m. --- KFLW
Subject, "Pray and Believe"

Statement of Condition

FIRST NATIONAL BANK OF PORTLAND
NOVEMBER 1, 1949
Member Federal Deposit Insurance Corporation

RESOURCES	
Cash in vault and in Federal Reserve Bank	\$ 66,680,316.49
Due from Banks	32,684,283.91
Total Cash	\$ 99,364,600.40
United States Government Obligations, Direct and Fully Guaranteed	196,701,141.01
State, County and Municipal Bonds and Warrants	43,649,919.39
Other Bonds and Securities	2,334,270.48
Stock in Federal Reserve Bank	510,000.00
Loans and Discounts	154,818,145.64
Accrued Interest Receivable and Other Assets	1,646,219.30
Bank Premises, Furniture and Fixtures and Safe Deposit Vaults	5,214,916.59
Other Real Estate owned	None
Customers' Liability on Accounts of Letters of Credit, Acceptances, and Endorsed Bills	3,847,030.01
Other Resources	452,177.52
TOTAL RESOURCES	\$509,038,522.34

LIABILITIES	
Capital	\$ 4,500,000.00
Surplus	12,500,000.00
Undivided Profits and Reserves	15,254,812.40
Total Capital Funds	\$ 32,254,812.40
RESERVE FOR POSSIBLE LOAN LOSSES. This reserve is to apply against any loan losses that may develop in the future. It has not been allocated to any particular loans or type of loans (Established from current earnings—January 1, 1949 thru October 31, 1949)	
DEPOSITS	800,000.00
Demand	325,619,315.51
Savings and Time	142,131,603.96
Total Deposits	467,750,919.47
Liability for Letters of Credit and as Acceptor Endorser or Holder of Acceptances and Foreign Bills	3,847,030.01
Interest Received in Advance	1,527,393.51
Reserve for Interest, Taxes, Etc.	1,992,407.93
Other Liabilities	175,759.02
TOTAL LIABILITIES	\$509,038,522.34

In addition to its 45 branches throughout Oregon, 17 other Oregon Banking Offices are members of the First National Bank Group

DEPOSITS	The First National Bank of Portland and 45 Branches	\$467,750,919.47
	17 other Oregon Banking Offices in the First National Group	\$9,123,971.00
LOANS AND DISCOUNTS	The First National Bank of Portland and 45 Branches	\$154,818,145.64
	17 other Oregon Banking Offices in the First National Group	\$24,669,841.52
TOTAL RESOURCES	The First National Bank of Portland and 45 Branches	\$509,038,522.34
	17 other Oregon Banking Offices in the First National Group	\$106,009,378.83
TOTAL RESOURCES of the 62 BANKING OFFICES in the FIRST NATIONAL GROUP		\$615,047,901.17

"LET'S BUILD OREGON TOGETHER"