

REFRIGERATION IS NEW ATTACK LINE IN WAR ON CANCER

Cold Producing Instruments Placed On Hopeless Cases Stop Pain—Wild Cells Show Degeneration.

By Howard Hakeslee
Associated Press Science Editor
CHICAGO, Oct. 28.—(AP)—A new attack on cancer by use of refrigeration, on the principle that the wild growth of this disease may be curbed the same as the growth of plants and some animals is started by cold, was announced to the American College of Surgeons here today.

The experiments were all done on human beings. Among them one case of "hibernation" of a cancer was produced. Under refrigeration this particular cancer has disappeared although the patient had been pronounced "hopeless."

The refrigeration technique was announced as "a new point of view" by Temple Fay, M. D., professor and head of the department of neurology and neuro-surgery and George C. Henry, M.D., director of the department of physics, Temple University School of Medicine, at Philadelphia.

The type of cancer refrigerated is metastasizing carcinoma. It is the kind which spreads from one part of the body to another. It is one of the most dangerous.

The clue to the refrigeration idea came from noting that this kind of cancer was mostly confined to the warmer "segments" of the human body. The breast, for example, is warmer than the lower legs and also has more of this cancer.

"Examples," says the report of Doctors Fay and Henry, "of arresting growth and preserving food-stuffs through natural means of included low temperatures are so common in our agricultural, industrial and economic life that they need no mention. The ice-box or refrigerator serves this purpose in every home."

"The fact that the sterilized hen's egg lies dormant as a single cell until activated alone by the influence of a 'critical' temperature around 103 degrees Fahrenheit is worthy of far deeper consideration than would appear at first glance."

Special Instruments
Dr. Henry, the physicist, devised instruments which could be placed on the human body to lower temperature in specific regions. This temperature drop occurred on the skin and extended also some little distance into the body.

In some cases the refrigerating devices were in contact with the cancerous growth. In others they were close. They were used only on cases pronounced hopeless by any known method of treatment.

The most immediate and striking result of the refrigeration was "prompt and gratifying relief of pain." There was temporary improvement in the general nutritional state of the patients.

Where the refrigeration instruments could be applied directly to the cancer the growths have shown some diminution in size. Microscopic examination of the refrigerated growths showed "marked degeneration" of the wild cells.

The report says the experiment has not been going on long enough to draw any conclusions as to the ultimate result of refrigeration.

"The principle of 'hibernation,'" the report states, "was induced in one case in this series by means of radiation (X-rays or radium) to the pituitary, thyroid and ovarian glands. . . . At the present time (nine months following treatment) the patient is free of the symptoms of malignancy."

Pin Returned
HOLDENVILLE, Okla.—(UP)—Eight years ago Mrs. Leon Davis of Holdenville, then Miss Geneva Jo Heathman, lost a sorority pin at a McAlester, Okla., football game. The other day the pin was returned.

An average of about 85,000 persons live in each square mile of New York City.

Japanese Military Group Would Slam Door Upon World After War Is Won

Amazing Movement Fostered for Return to Complete Isolation of Days Before Admiral Perry Visited Yedo

By Dewitt MacKenzie
(Associated Press Foreign Affairs Writer)
NEW YORK, Oct. 28.—(AP)—A new movement over Japan's military program in China has inspired an amazing Japanese movement that would slam the door which Commodore Perry so dramatically opened in 1853-4.

This revolutionary project is restricted thus far mainly to a section of the powerful military group which is responsible for Japan's adventures-at-arms on the continent.

The idea would be for Japan—once she has completed her campaign in northern China to her satisfaction—to retire with her new dependencies to the magnificent seclusion of the pre-Perry days.

Everybody Keep Out
She would hang a "Do not disturb" sign on her door-knob. In other words, "everybody keeps out." In theory she would be able to carry this out in large degree, having obtained from her newly acquired territory most of the essential raw materials which she now lacks.

The scheme sounds less like a rare bit of imagination if we put it in terms of Japan making herself independent of supplies from the outside world. That is merely following in the footsteps of Hitler and Mussolini, among others. The isolationist idea, however, is Japanese and is due to hurt pride.

Due To Fear, Anger
The closed-door policy is created out of fear and anger. There is fear that Japan might be starved out by some sort of economic blockade, applied by the western powers to stop the warfare in China. There is anger because such a blockade has been suggested.

So the militarists would have us rewrite into drab language and with an anti-climax one of young America's favorite dramas—the heroic tale of how Perry discovered the open seams to the then mysterious land of the shoguns.

It is nearly a hundred years since Perry, having fought pirates on the Spanish main and otherwise covered himself with glory sailed into the forbidden harbor of Yedo with his little fleet of six ships in quest of still bigger thrills. Since then Japan has taken her place among the world powers. Now some of the descendants of the all powerful and militaristic shoguns would turn the clock back a century.

Would Be Empire
The isolationists claim Japan can

without thinking you'll break the stitches.

GENTLEMEN, it's silly to be chilly! Climb into a HANES Heavyweight Champion and feel the snug, velvety warmth knit into its downy ribs. The minute HANES touches your skin, you'll know that you and goosebush won't be on speaking terms all winter!

But you need something more than warmth in your underwear. You want to move around without thinking you'll break the stitches.

HANES gives you that kind of comfort, too! These suits match your trunk-length as well as the width of your chest. You can sit, bend, stoop or reach—nothing either bulges or binds. Buttons, buttonholes, cuffs, and seams are sewed to put the wear in this underwear. See a dealer today.

A nearby dealer has HANES Union-Suits, 55 up to 58; Boys' Union-Suits, 70c; Merichild Slippers, 49c; Also WIND-SHIELDS (the new shirts and middieweight drawers illustrated at right), 88c to 75c each. P. H. Hanes Knitting Co., Winston-Salem, N. C.

THE ANTI-FREEZE UNDERWEAR FOR MEN AND BOYS

TOMORROW! Come Early! PENNEY'S DOLLAR DAYS

BARGAINS GALORE!

Smart Acetate Frocks
Women's smart looking crepe dresses in prints and plain colors; 14-14.
PENNEY'S Second Floor

Indian Design Blanket
60x80, good weight robe blankets in bright colored Indian patterns.
PENNEY'S Balcony

Monkscloth 3 yards
Excellent quality, natural color, four-ply. 50-inch monkscloth.
PENNEY'S Balcony

Linen Kerchiefs Doz.
Men's 17x17 pure white linen handkerchiefs with hemstitched borders.
PENNEY'S Main Floor

Dress Shirts 2 for \$1.50
Men's well tailored, full cut dress shirts in fast color stripes and fancy patterns; 14-17.
PENNEY'S Main Floor

Big Flour Sacks Doz.
Dollar Day feature! Large 98 lb. bleached flour sacks. Opened and hemmed. 12 for one dollar.
PENNEY'S Balcony

Knit Sleepers 2 for \$1
Children's warm, fleece lined knit random sleepers; age 1 to 8.
PENNEY'S Main Floor

Umbrellas Special \$1.44
Women's 16-rib oil silk or Gloria cloth umbrellas with novelty handles. Rust-proof frames.
PENNEY'S Main Floor

Girls' Dresses 3 for \$1
Tubfast print dresses for girls, fine quality, sizes 6 to 14. Dollar Day special!
PENNEY'S Second Floor

Boys' Union Suits 2 for \$1
Special for Dollar Days! Boys' winter weight ribbed knit cotton union suits; sizes 4 to 16.
PENNEY'S Main Floor

Child's Pajamas 2 for \$1
Children's warm, print cotton crepe pajamas; assorted colors; 2-8.
PENNEY'S Main Floor

Tuckstitch Undies 4 for \$1
Women's warm tuckstitch vests and panties; excellent quality; sizes small, med. and large.
PENNEY'S Main Floor

Women's Silk Slips
Beautiful silk crepe or satin slips, bias cut, tailored or lace trimmed; flesh or tea rose.
PENNEY'S Main Floor

Part Wool Blankets
A limited quantity of 70x80 part wool plaid single blankets.
PENNEY'S Balcony

Sturdy Work Shoes pr. \$2
with long wearing compo soles; sizes 6 to 11.
PENNEY'S Lower Floor

36 inch Flannel 8 yds. \$1
Fine quality striped outing flannel, full 36 inches wide, featured for Dollar Days.
PENNEY'S Balcony

Fast Color Print 10 yds. \$1
Unusual value in 36 inch, fast color print—full bolts and short lengths reduced.
PENNEY'S Balcony

Tea Aprons 4 for \$1
Fruit of the loom tea aprons, new styles, fast color prints; feature buy.
PENNEY'S Second Floor

Men's Work Pants
Men's sanforized shrunken dark gray covert work pants. Dollar Day Bargain!
PENNEY'S Main Floor

Sanforized Wk. Shirts 2 for \$1
Men's gray covert work shirts, full cut and sanforized shrink; best buy this year!
PENNEY'S Main Floor

Work Socks doz. pr. \$1
Men's blue or brown mix cotton work socks—packed one dozen bundle for one dollar.
PENNEY'S Main Floor

Boys' Bib Overalls 2 for \$1
Bought for Dollar Day selling—blue denim bib overalls in sizes 4 to 14—featured at 2 for \$1.89.
PENNEY'S Main Floor

Part Wool Socks 8 pr. \$1
New 25 per cent wool work socks. Dollar Day Bargain.
PENNEY'S Main Floor

Just 179 pair
Fine Capeskin Gloves
Women's novelty capeskin slip-ons in black, brown and navy. They're washable.
PENNEY'S Main Floor

Perfect, Ringless CHIFFON HOSE
Women's flawless, full-fashioned, ringless chiffon silk hose, very special for Dollar Days, 2 pair for \$1.00!
PENNEY'S Main Floor

Rag Rug Special
Just 100 gay colored rag rugs bought purposely to feature for Dollar Days—excellent quality and utility sizes.
PENNEY'S Balcony

PANEL CURTAINS
A remarkable buy in fringed panel curtains; ecru color; full 36 inches wide; 2 1/2 yards long. Featured for Dollar Days.
PENNEY'S Balcony

Large Cannon Towels
Here is a Dollar Day special you can't afford to pass up—22x44 inch heavy double Terry towels. They're a sell out!
PENNEY'S Balcony

RAYON PANTIES
Women's well made rayon knit panties, appliqued or lace trimmed, sizes small, medium and large; flesh or tea rose.
PENNEY'S Main Floor

PILLOW CASES
Famous Belle Isle 45x36 Pillow Cases featured at a closeout price for Dollar Days. Stock up now!
PENNEY'S Balcony

FLANNEL GOWNS
Special buy on 300 Women's warm flannel gowns, well made, full cut of good weight flannel; white, pink or peach. Best buy this season.
PENNEY'S Main Floor

All Wool Sweaters
Specially purchased for Dollar Day feature—boys' good weight all wool slipover sweaters, sizes 6 to 16; assorted colors; quantity limited.
PENNEY'S Main Floor

HOUSE SLIPPERS
Women's soft felt slippers, comfortable padded soles, all sizes. Sensational value for Penney's Dollar Days.
PENNEY'S Main Floor

HOUSE DRESSES
Women's fast color wash frocks. Special assortment of thirty dozen; sizes 14 to 46. New styles and print patterns.
PENNEY'S Second Floor

Men's Bib Overalls
A remarkable value, bought especially for this big Dollar Day event. Full cut, sanforized shrunken heavy 8 oz. blue denim bib overalls, sizes 30 to 46.
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PENNEY'S Main Floor

Cotton Hose 10 pr. \$1
Children's or Women's warm cotton knit hose featured for Dollar Days, 10 pair for \$1.00.
PENNEY'S Main Floor

Double Blankets
Good weight cotton sheet blankets, in colorful block plaid design; size 66x76 inches.
PENNEY'S Balcony

27-inch Flannel 10 yds. \$1
Fancy striped or white outing flannel in good weight at a bargain price for Dollar Days.
PENNEY'S Balcony

Fancy Ticking 7 yds. \$1
Regular 32-inch striped ticking, assorted colors—another Dollar Day Bargain.
PENNEY'S Balcony

81-inch Sheeting 4 yds. \$1
Heavy unbleached sheeting, full 81 inches in width, at 4 yards for \$1.00!
PENNEY'S Balcony

Wool Coat Sweaters
Men's serviceable all wool coat sweaters—dark colors only—feature value for Dollar Days.
PENNEY'S Main Floor

Boys' Work Shirts 3 for \$1
Boys' blue chambray work shirts, full cut, coat style; sizes 6 to 14.
PENNEY'S Main Floor

Work Gloves 8 pr. \$1
Men's heavy 12 ounce canvas work gloves, best buy we could get for Dollar Days.
PENNEY'S Main Floor

Women's Slips 4 for \$1
Good looking cotton slips for women, well made in white or flesh color. Quantity limited.
PENNEY'S Main Floor

Men's Slippers 2 pr. \$1
Comfortable felt house slippers for men with soft padded leather soles, bought for this Dollar Day event.
PENNEY'S Main Floor

Wrap Around Dresses 2 for \$1
Women's 80 square tubfast wraparound wash dresses, at a price that can't be duplicated.
PENNEY'S Second Floor

Stamped Pillow Cases 3 for \$1
Bought for Dollar Days! Hemstitched and ready to embroider—they'll make fine gifts.
PENNEY'S Balcony

Part Wool Unions
Men's 10 percent wool union suits, ankle length, full length sleeves, ribbed knit in tan random; sizes 36 to 48.
PENNEY'S Main Floor

Silk Crepes 3 yds. \$1
Solid color, slightly weighted silk flat crepes, 36 inches wide, short lengths.
PENNEY'S Balcony

Boys' Play Suits 2 for \$1
Sturdy, blue or gray covert cloth play suits; strong seams; 2 to 8.
PENNEY'S Lower Floor

Muslin 10 yds. for \$1
Famous "Belle Isle" muslin, 39 inches wide; unbleached. Fine quality.
PENNEY'S Balcony

Children's Shoes
Sturdy black leather oxfords for school wear, long wearing compo soles; sizes 8 1/2 to 2.
PENNEY'S Main Floor

Children's Hats
Clever styles in Sunn Ticker felt hats for Misses and Children; newly styled!
PENNEY'S Second Floor

Boys' Dress Oxfords
Another outstanding shoe value for this big Dollar Day event; solid leather black dress oxfords, for boys.
PENNEY'S Main Floor

200 Slippers at
Special buy on an advance shipment of women's gift slippers makes this unusual value possible. A big array of styles and colors.
PENNEY'S Main Floor

Women's Sweaters
A close out on Women's all wool sweaters; also a miscellaneous group of women's blouses reduced to 2 for \$1.00.
PENNEY'S Second Floor

Women's Oxfords
Marked down from higher priced ranges for Dollar Days' selling—every pair unusual value!
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THE FIRST NATIONAL BANK
OF PORTLAND
"First National Bank West of the Rockies"
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Pay Cash and Save at
Penneys
Colorful plush, tie and dyed davenport pillows.
PENNEY'S Balcony \$1