

BIG FIELD FOR WOMEN AS X-RAY WORKERS

Dr. Mabel Haines Tells of Great Progress Made in Diagnosing Disease

FEMININE EFFICIENCY

Modern Methods Have Reduced Danger and Won Laurels for Pioneers

There is no need for X-ray martyrs, but there is a great need for X-ray workers, according to Dr. Mabel Haines, chief roentgenologist at the Woman's Hospital, as well as assistant at the Jefferson Hospital.

"The idea of danger in working with the X-ray is a mistaken one. There is comparatively little now. For just as doctors who work with germ cultures know the accompanying dangers and prepare for them, so do we in the work with the X-ray," Doctor Haines said. In her trim black dress, topped by a wealth of golden hair and keen blue eyes, it was hard to associate this slender girlish woman with the responsibilities of her position. Upon her skill and the twist of a finger depend the lives and happiness of the patients who come to her for X-ray pictures of their various wounds and afflictions. The science has progressed so far in the last ten years that a diagnosis of virtually any disease can be made through X-ray pictures.

"We workers protect ourselves from the powerful effects of the rays by means of lead. In taking an ordinary picture we do not operate the machine from the room, but are separated by a lead wall and look at the patient through lead glass and speak to him through a speaking tube. In cases of stomach examination it is necessary to have the machine in the room, but I protect myself with a lead apron and gloves. In the early days of its discovery the doctors often received burns which resulted in cancers from the continued work with the rays, but that is a thing of the past."

Being a very busy woman, Doctor Haines talked as she worked. With her skilled hands on the controller, which is somewhat like that on a trolley car, only much larger and more complex, she took pictures after picture of various portions of the bodies of men and women. Some were suspected of having tuberculosis, others unwarranted pressure on some nerve or a splintered bone.

OPPORTUNITY FOR WOMEN

"It offers a fine opportunity to women," Doctor Haines continued. "The work is easy compared with most work of a physician, and it is intensely interesting. Being a comparatively new branch of medicine, there are very few women represented in it, but as the men are being taken to the front, there is an ever-increasing demand for women to carry on the work.

"To be able really to diagnose the cases and make reports on the plates, one must be a graduate of a medical school. For the technical part of operating the machine and taking the picture, this is not necessary. I believe there are a number of women now qualifying as technicians."

When asked how many real roentgenologists there were, she apologetically admitted that she only knew of one other in Pennsylvania. "It is because the office apparatus for X-ray work is quite expensive," Doctor Haines explained. "Then again it is like all specialist work; it takes a long while before there are any returns for your work. It is a coming thing, however, and will be used more and more."

"I want to urge women to take up the work," she earnestly continued. "There will be so much rebuilding of men and women after the war that the X-ray will be indispensable. While it is rather minute, specialist work, it is not any more trying than other work; in fact it is not so hard. I get very tired at times but then I don't blame my work but myself."

EIGHT NEW Q. M. C. COMPANIES

Guard and Fire Units Ordered Organized in Corps

Washington, March 12.—The organization of eight guard and fire companies, in addition to the regular strength of the quartermaster's corps, was ordered by the War Department today.

TICKET OFFICES MERGED

McAdoo Orders Eight Consolidated in Atlanta

Washington, March 12.—Railroad Director McAdoo today ordered consolidation of the Atlanta, Ga., ticket offices of eight railroads.



Resinol healed that skin trouble

When you think what a source of annoyance and suffering that eczema has been to me in the past three years, do you wonder I am thankful that the doctor prescribed Resinol? The very first time I used it, the itching stopped for good, and the trouble began to disappear.

WOMAN DOCTOR AN X-RAY EXPERT



In the whole State of Pennsylvania there are only two women doctors who have qualified as X-ray experts and one of them is a Philadelphian, Dr. Mabel Summer Haines, chief roentgenologist at the Woman's Hospital and an assistant at Jefferson Hospital. The photograph shows Doctor Haines at work at the Woman's Hospital.

GOOD DRAINAGE ESSENTIAL TO SUCCESSFUL GARDEN

First Problems of Home Planting Are Explained in Detail—Plowing Should Be Done at Possible Time

THE first problem in preparing the land for a garden that has not been used for this purpose is to remove all dead weeds, sticks, stones, bushes and trash of any sort. Bricks and bushes should be dug up by the roots so they will not sprout again.

Good drainage is essential to a successful garden. If the land is not well drained, this should be corrected as the first step in making the garden. The drains may be used or the land may be bedded by plowing it in long, narrow lanes, leaving the middle furrows as drainage ditches. In the case of gardens spaded and worked by hand the same results may be had by bedding up the soil. Vegetables will not thrive in poorly drained soil no matter how much care is given them.

Plowing or spading should be done at the earliest possible moment, in order that in sections of the country where freezing occurs the soil may be subjected to freezing so that it will be broken up by the action of the frost and be mellow and friable when planting begins. Nothing aids in the preparation of the soil, and especially stiff soils, like freezing and thawing. It is especially important that ground in sod be plowed in time so it will freeze after plowing and the grub worms and other hibernating insects and worms may be destroyed.

Where severe freezing is sure to occur after the plowing is done little harm will be done by plowing the ground while wet. Otherwise the ground should not be plowed until fairly dry, or clods will result.

The ground after plowing should be allowed to remain rough until needed. It is an excellent plan to make an application of air-slaked lime or ground limestone to the freshly plowed soil in order that it may have time to correct acidity before planting time arrives. The manure should not be applied with the

lime as loss of nitrogen will occur under these circumstances. The lime should be applied and become mixed with the soil before the manure is applied. The manure should be of a good grade, stable manure either from horses or cattle preferred. Manure that has straw bedding material mixed with it is best, and should be applied at the rate of twenty-five or thirty tons per acre or from 300 to 400 pounds per square rod.

It is an excellent plan to prepare the soil for planting as needed rather than to fit the whole garden at once. If the work of fitting the ground is done with a team it will not always be feasible to follow this plan. Ground that has not been used for gardening purposes should, in every case where it is possible, be put in condition with a team, as the ground should be cut up with a disk or cutaway harrow, thoroughly turning the soil as deeply as it has been plowed, thoroughly mixing the manure with the soil.

It is, of course, possible to do the work just as well by hand, but a considerable amount of labor is involved. For small areas, however, this method is the only practical one. When the garden is to be worked by hand it is especially desirable that the spading be done as early as possible, as the sooner it is done the easier it will be to get the ground in condition. The ground should be worked down only as needed, as this will distribute the labor and as the rough ground will dry off quicker than that smoothed down, it is possible to get on the ground sooner if left in the rough than when well worked down. It is extremely desirable to get such crops as early peas, early potatoes and early cabbage plants in as soon as the ground is dry enough, and it is often possible to get these crops planted a week or two earlier by following this plan.

Well-sifted coal ashes, unlike wood ashes, have no fertilizing value, but are useful in lightening soil. Lime will lighten soil and at the same time correct acidity.

SIMPLICITY IS THE KEYNOTE OF THE NEW FEMININE FROCKS

Conservation of Time and Material Made Possible by Designs of the Season

Waistcoat Is Conspicuous Among New Details. Vogue of the Jersey

"WOMEN'S NEEDS" was the message that a little bird whispered into the ears of the designers, manufacturers and tailors this spring, and these wise interpreters of Dame Fashion heeded the warning. So instead of the strictly tailored clothes, and silly, frilly garments the shops and stores are filled with happy-medium apparel for the fair sex. For how could any one expect the women of today to spend their valuable time—nearly every one three days concedes that it is valuable—changing from a tailored morning suit to a luncheon frock and later to a dinner gown? It simply isn't done.

Never have the suits, dresses, coats, blouses and sport things been so lovely. Everything is marked for its simplicity, fine tailoring and richness of material. The one thing that stands out as the prime feature of the season is the waistcoat. These accessories, no necessities, are to be had in all materials, many designs and on all garments.

Speaking of eon suits, they are perhaps the most fashionable note this spring. In dark blue or the neutral shades of sand, beige, clay, hay and all the rest of the family, the eon suit and eon coat dress are sure to have a waistcoat or blouse of white or some bright color to relieve the sobriety of the model. In fact, dashes of bright color add to the attractiveness of coats, dresses and hats as well.

Narrow skirts are again in vogue. Not the unmentionable hobble that was the bane of existence for the feminine sex a number of years ago, but skirts cut on the line of the figure and which give plenty of freedom for walking. What is conserved in breadth of skirt is used in the new tunic. These tunics are very full, falling anywhere from the knees to the bottom of the skirt in uneven lengths and much trimmed with tucks, braids and buttons.

In the dress shop the same motif of simplicity, rich material and the waistcoat prevail. Wool serim is a new material much used for the dress gowns. Being a thin, wiry woolen voile, it must be made over silk, which gives it a rich appearance. Heading is still very popular and will feaston the dainty summer frocks.

The jersey still holds the center of the stage in sport attire, but as the summer dresses beautiful silks are going to be worn on the golf links, at the seashore and on the streets. The new moonlight satin in beautiful tints and figured designs is used in separate skirts and with the sleeveless jacket.

The waistcoat in the sports department has stretched into what was



NEW SPORTS COSTUME
The black satin sleeveless jacket is worn with a moon-glow satin skirt of Oriental design. The hat, of black chip straw, is faced with white. The flower on the crown is of white wool.

known as the sleeveless sweater last season. Don't by any means call it that this year; it is the "waistcoat." Beautiful models in silk, satin, velvet, corduroy and jersey are to be worn with white skirts and dainty dresses.

Blouses cannot escape mention. The new oriental blouses of bright-colored georgette are made with no opening except on the shoulder. There is such a feeling of security to know that hooks and buttons are not off! Again, the waistcoat motif is brought in by combining the colors. One model in light gray has a French blue waistcoat and collar. Dark blouses to be worn with the suit are more noticeable than for many seasons. Again it is conservatism, for a dark blouse is always ready to wear and appropriate for morning, noon and night!

GARDEN IS AN EDITH CAVELL IN NEW FILM

Operatic Movie Star's Second Picture Based on Tragedy of English Nurse

By the Photoplay Editor

Edith Cavell's brutal execution by the Germans at the beginning of the war shocked and angered the whole world and is thinly veiled as the theme of Mary Garden's second motion picture. Monuments to the English nurse have been erected in England and on the Continent, and in the little village of Beausoleil, just above Monte Carlo, on Mont Agel, a street bears her name. The blue sign bears the quaint legend, "I see Miss Cavell."

Mary Garden, who knows her war history as few of us do, was responsible for this honor being paid the memory of the nurse. A frequent visitor to Monaco, she knows the surrounding country well and had no difficulty in persuading the Mayor of Beausoleil to

put the matter before the local Council.

Now Miss Garden has further opportunity to pay tribute to Edith Cavell—this time in motion pictures. The film, to be released by Goldwyn, is called "The Splendid Sinner."

In this production Miss Garden, as a food-conservation unit has been organized in German intrigue and espionage. She attempts to aid a wounded soldier and is detected by German officers, brought before the council and given a trial equally as unfair as Miss Cavell's. The conclusion of the drama is said to be poignant and Miss Garden's notable histrionic ability is given powerful expression.

FOOD SHOW AT GIRLS' HIGH

A "war food" exhibition will be held by the girls of the Philadelphia High School, Seventeenth and Spring Garden streets, Friday afternoon, March 16, at 2 P. M.

Prof. Marlon Smith, professor of economics at Bryn Mawr College, will talk on "Food Conservation and Thrift." The girls will show methods for producing substitutes for meat, sugar and animal fats.

Through the enthusiastic efforts of Dr. Fred Gowling, principal of the school, a food-conservation unit has been organized in which 1300 pupils and sixty teachers are enrolled. The students are keeping an individual record of their wheatless and meatless days at home, and their mothers are heartily co-operating in this work.

SEDITION TESTIMONY AGAINST PASTOR

Government Rests Case Against Burlington, Vt., Man Accused of Denouncing Patriotism

Burlington, Vt., March 12.—The Government rested today in the prosecution for sedition against the Rev. Amos H. Waldron, pastor of the Baptist Church, members of the Middle States District Court.

A record was taken until this afternoon to allow the defense to examine its logs.

Evidence brought out today had to do principally with alleged statements by Waldron while at the head of the Windsor Church.

"To — with patriotism," "You can't use my church for patriotic meetings," "The Kaiser was chosen of God to bring on the war," and similar expressions were attributed to Waldron by witnesses.

The cross-examination did not materially change the testimony.

Foresee High Ice Prices

Pittsburgh, March 12.—The price of ice to consumers will be 50 to 60 per cent higher this summer on account of the requisitioning by the Government of a large portion of the ammonia supply, members of the Middle States Ice-Producing Exchange here for the organization's annual convention predicted.

How to Make Oatmeal Bread

Healthful to Eat—Saves the Wheat

- 1 cup flour
- 1 1/2 cups corn meal
- 1 teaspoon salt
- 5 teaspoons Royal Baking Powder
- 2 tablespoons sugar
- 1 cup cooked oatmeal or rolled oats
- 2 tablespoons shortening
- 1 1/2 cups milk
- No eggs

Sift together flour, corn meal, salt, baking powder and sugar. Add oatmeal, melted shortening and milk. Bake in greased shallow pan in moderate oven 40 to 45 minutes.

This wholesome bread is easily and quickly made with the aid of

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Our new Red, White and Blue booklet, "Best War Time Recipes", containing many other recipes for making delicious and wholesome wheat saving foods, mailed free—address

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FOOD WILL WIN THE WAR

You Get What You Pay For.

IN the majority of cases, American shrewdness is proof against the lure of such inviting phrases as "ground floor" and "special discount."

A very proper suspicion attaches to the man who uses such terms, for the public has well learned that it gets what it pays for!

But we Goodyear Service Station Dealers find that in the tire business certain fallacies prevail that are discredited everywhere else.

Chief among these fallacies is the belief in certain quarters that it pays to buy a "special discount" tire.

Let us say here and now, that when a dealer offers you a "special discount" to get you to buy a tire, you may fairly be sure that he is doing one of two things.

Either he is offering a tire on which he, himself, gets a special discount from its maker; or he is withholding from you the helpful service so necessary to get the maximum mileage from that tire.

In the one case the tire's quality is lowered at the source by compromised manufacture; in the other its capacity for service is handicapped by neglect.

Remember that only the conscientious dealer who gets his fair margin can afford to sell you a quality tire backed by the kind of service which will insure its long life and your satisfaction.

This sign identifies the Goodyear Service Station Dealer.



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Total cost \$37.75 Pay \$4 down, \$3 monthly.	Total cost \$118.00 Pay \$3 down, \$6 monthly.
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Total cost \$49.50 Pay \$4 down, \$3.50 monthly.	Total cost \$135.00 Pay \$10 down, \$8 monthly.
VICTROLA IX-A \$57.50 Records your selection... 5.50	VICTROLA XVI \$215.00 Records your selection... 10.00
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