

More Safeguards For Employes In Industrial Plants

Curb Is of Recent Date, and Due To Good Detective Work of Doctors.

By LOGAN CLENDENING, M.D.
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The poisoning of workers who are employed in manufacturing processes which naturally involve poisoning materials, is, to a very large degree, under control in the United States and other industrial countries. Such control is, however, a comparatively recent development.



Dr. Clendening

Industrial poisoning is not so important a subject as industrial diseases in general, for not nearly so many people are employed in trades which carry a poison hazard as there are in the dusty trades or in hot and strenuous labor.

But the effects of poisons used in industry are more definite, more is known concerning their action, and, therefore, prevention is better understood.

All hard industrial labor takes a certain toll from the worker. The mortality of males who carry industrial insurance, according to Dublin, is higher than the average for all males from the age of 25 years on. It reaches its peak at the ages of 45 to 54. The most frequent causes of this excessive death rate are the degenerative diseases—apoplexy, Bright's disease, hardening of the arteries and heart failure. It is supposed that long-continued strenuous labor, exposure to extreme heat, and to rapid changes of temperature, are contributory factors in the production of these troubles. But it may not be entirely that, for the type of bodily build which is the natural requirement of the man doing strenuous work is that associated with just the diseases mentioned.

In controlling industrial poisonings, the first thing that had to be learned was that certain symptoms and bodily changes were due to the chemical involved in the industry. This was not so easy as it sounds, as we shall see when we come to study the development of our knowledge of lead poisoning. It takes good detective work, and even yet there are frequent instances of industrial poisonings, that could not have been predicted when a new industry was started. The famous case of the painters of luminous dials on watches is an instance.

Next Step

The next step in prevention, after the acquisition of knowledge, is plant management. This includes devices to prevent the formation of gases, fumes or dust, or the installation of exhausts to remove them. Protection of the worker by filter mask, gas mask, or positive pressure air mask, is another step.

The three highways by which poisons enter the system are the lungs, the skin and the gastrointestinal tract. Of all, the latter is the least important in most instances, but still supervision of the worker's intake of alcohol and his food is most important. Many a poison which would be eliminated under ordinary circumstances, intact, is rendered soluble by the ingestion of alcohol.

The influence of food on lead poisoning is notorious, and for many years English and German workers have been furnished milk free. No one knew any explanation of the value of this until quite recently.



LeLong blouse in white crepe has sleeves trimmed with pearl embroidery and stitching.

By LUCIEN LELONG
Special Cable to Central Press

Paris.—With suits so prominently in the summer fashion picture, blouses are developing new individualities and personalities. If you want to be thoroughly chic this season do not neglect the style potentialities of the blouse. A group of these can make one lonely suite appear like a comprehensive wardrobe.

I have concentrated particularly on blouse fashions this year, and have designed a wide variety that are not only adequate, but highly decorative, for all social occasions. There is, for instance, the pastel colored georgette blouse that is draped into a bow at the neckline, and is worn with the printed tailleur called "Paquerette." This type of blouse could also be worn with a simple black suit, and you are ready for any informal afternoon occasion.

Another afternoon blouse that I like, though of an entirely different type, is one made of white taffeta with big outline plaid designs in black, and with small red flowers set in the corners of each square of the plaid. This blouse has full sleeves that are open down the top. They have blue pique cuffs, and the belt is made of blue pique. This blouse has a bateau neckline which has a draped band around it that knots in front and has two flaring ends.

Linen Blouse Practical

I am showing linen blouses for wear with practical ensembles, and I give these a touch of distinction by employing embroidery that looks like soutache. With my sports tailleur called "Hip" I show a blouse in beige and brown striped jersey, the stripes of which are worked horizontally.

For wear with "cinema" suits, I have designed sparkling blouses that give that "dressy" air that is so desirable for this type of costume. For instance, with the black tailleur, called "cinema," very appropriately, I show the blouse sketched in white crepe, that has its three-quarter length sleeve trimmed with pearl embroidery and fine stitchings.

You will see that there is a blouse for the suit of every hour. With a little ingenuity, via the blouse route, you can transform practically any simple, classical tailleur into one that is suitable for all hours.

BLOUSE
develops
new style
personality
with summer
suit

Women's Problems

By VIRGINIA LEE

I have been reading several eulogies of Miss Jane Addams, that fine, brave, charitable woman who did so much good in the world by her work among the poor and by her efforts toward world peace.

I am happy that only a few weeks prior to her death a meeting was held in Washington, in which she was warmly praised and was made to feel that people all over the world loved and admired her.

The program, at which she spoke briefly, was broadcast over the world.

Here was a woman who, instead of feeling sorry for herself because she had a spinal curvature and was not strong and beautiful, threw her whole efforts toward making others' lives a little happier. Instead of being lonely and unhappy, she made friends of all sorts of people and used the strength, that she might have expended in a little pleasure for herself, in doing good, in mothering many children and helping folk from foreign lands to feel that they really reached the "land of promise" when they came to America.

"Dear Virginia Lee:—You may think that I am just another silly girl feeling sorry for herself, but I wish very much that you would answer my letter. Maybe it's not much of a problem—but still. . . . "I am 18 and one year out of high school. I get so lonesome. I hardly go anywhere. My mother tries to get me to go to church more and get interested in it, but I just have too much pride to go in what I have, I guess.

"Dad says I don't have enough work to do at home. Just because he has to work so hard all the time he can't stand to see mother, and especially me, sitting down

and reading or enjoying any kind of recreation. Maybe I don't have enough work to do, but what more can I do besides clean house, help wash and iron, garden and other things that have to be done?"

"It seems that every time I do something nice for someone, he or she takes advantage of it and depends on me to continue it.

"I know I have many faults, but don't we all. Please tell me some way to make dad appreciate even some of the things I do, and some way to prevent lonesomeness.

"X. Y. Z."

If your dad doesn't appreciate what you do, be sure you appreciate him, my dear. Maybe he feels that he has worked very hard for years and feels that no one appreciates him or realizes what he has done. Maybe there are more things you could do. Look around you and see if you can think of any—things to make the home pretties or more comfortable. Do little things for your dad.

And as to the lonesomeness, the foregoing remarks about Miss Addams will help some. And make friends. Don't take the attitude that when you do something nice for someone they don't care, for they do and show it by expecting you to do other things for them. Don't keep a debit and credit sheet for your friends. Be glad if you can help them, and they will gladly return the favor when you need it. Try this out and write me if it helps.

Unhappy Boots is deeply in love with a young man who once loved another girl, and who still goes to see this first love when he is in the town where she lives. He tells his sweeties that they are just friends and that he wants her to meet the girl, but somehow he never has taken her with him.

He tells the girl who loves him so madly that although he has a good job, and there is no reason that she can see that they cannot plan marriage, he does not the skirt as the basis of the outfit, and you may choose either a dark

WHAT ONE GIRL WORE

Cool linens for hot days—that's the perfect recipe for mid-summer smartness. This season surpasses all previous ones in the profusion of linens for both town and country wear. Suits, gay little frocks, two-piece dresses, in contrasting colors, all utilize the crisp fabric to its most delightful advantage.

One of the most interesting uses to which linen has been put is in the two-piece costume. With



A smart costume for summer wear is the two-piece shown above which combines a black linen skirt with a gay plaid jacket. A change of jackets to wear with the skirt makes this suit a practical item in the business girl's wardrobe.

one or a white one, different colored blouses or jackets may be worn and, in the current mode, accessories usually match the blouse or jacket.

For those who prefer dark costumes, the opportunities are just as interesting. Linen skirts in black, navy and dark brown are charmingly combined with contrasting blouses and jackets either in solid colors or in gay plaids.

This week we illustrate a costume of this type which is particularly smart for town wear.

The full-gored skirt is of black linen, of rather heavy texture which gives it the appearance of cloth with a silky finish.

The jacket is one of the new plaids, a gay little affair in various colors with black and yellow predominating. The little buttons running down the front are black, and the four patch pockets and smart collar are tailored.

With this costume it is obvious that many different blouses and jackets may be worn.

want to be married for at least five years, and maybe never.

This reduces the girl to tears, and he now has suggested that they do not see each other so often, but go out with other friends. She has tried that but other boys bore her and she is called a "flat tire" by them because she cannot be gay when in their company.

She can't bear the thought of giving him up, but fears he is growing tired of her, as he says men do not like cry babies, and she can't control her tears. What to do; what to do?

Of course the very best thing to do would be to take the young man at his word and go out with other boys and try to like it. If you did that and persisted you would eventually prove both to him and yourself, that you could get enjoyment out of life without him, which would be a great gain. If he felt you were slipping away, even as you now feel he is, it might make him more anxious to keep you.