

Battery Casings When Burned Caused Illness

Children Made Unconscious By Fumes From Lead Salts.

By LOGAN CLENDENING, M.D.
Cleveland College, Western Reserve University.

A seven-year-old negro girl, unconscious following a series of convulsions, was brought into a Baltimore hospital. Not long after another child aged ten, with similar symptoms, entered another hospital not far away. In tracing the cause of these two attacks of illness, one of the most pathetic of the depression stories was revealed.



Dr. Clendening

The first step was to determine the diagnosis, which was not easy because the stuporous condition of the patients prevented obtaining a history of the first symptoms and of activities which might have been the cause. But finally, by blood tests and examination of the spinal fluid, it was determined that the cause was lead poisoning.

Lead poisoning, especially in children, causes changes in the brain and meninges resulting in convulsions and unconsciousness. In children the usual cause of lead poisoning is eating the paint of the bed, crib or toys.

A visit to the home of one of the patients failed to show any evidence of the usual sources of lead. Several members of the family were sick also, however, and a neighbor who helped the doctors investigate every room and article of furniture in the house finally made the suggestion that led to the true solution.

He wondered if they could get sick from burning pieces of old batteries. "The smell was bad, even made the food taste; maybe they got sick from breathing in the vapors."

Storage battery casings, it was found, were used as fuel all over the neighborhood — in fact, all through the poorer districts of the city. It had been customary for junk dealers to give poor people the casings of discarded storage batteries after their lead plates had been removed for salvage. These casings carried a considerable deposit of lead salts. They burned well, and in doing so gave off fumes that were saturated with lead, and which, on being inhaled, allowed the absorption of lead through the respiratory tract. This is the most frequent port of entry of lead into the body—the other two being by way of the digestive tract and the skin.

There is every reason to suppose that this form of fuel will be used widely again this winter. Boards of health in most cities are controlling it by stopping it at the source—by informing junk dealers of the danger and obtaining their co-operation in preventing the sale or, as was more usual, the free gift of these battery casings.

QUESTIONS FROM READERS

F. S. S.: "Is the avocado a fruit high in fat content or oil? What is the food value of the avocado?"

Answer: Avocado has three and one-third per cent. fat, which is quite high comparatively for fruits. It yields a hundred calories for every one and on-half ounces.

R. M. D.: "What causes the nails on my thumbs to split in layers?"

Answer: Probably ringworm infection of the nail bed.

Lace Comes Into It's Own in Mode

VOGUE FOR FEMININITY CAUSES DESIGNERS TO EMPLOY FILMY FABRIC IN MANY NEW AND DELIGHTFUL WAYS



LEFT—ROYAL BLUE LACE DRESS FROM LELONG; CENTRE—BLACK CREPE WITH LACE DRAPERY; RIGHT—HEAVY LACE AND CELLOPHANE FROCK

By LISBETH

Really fine dressmaking has come into its own again, the Paris openings show, with rich, luxurious fabrics and styles that are very feminine.

Laces in bewildering variety appear in the fashion picture, from the sturdy tweed laces for daytime wear, to the most delicate cobweb patterns for evening. Then, too, there are the lovely lastex laces, and the cellophane and lace creations that have come from Paris, the city of surprises.

Even when lace is not used for the entire costume, the couturiers have shown a fondness for introducing a filmy and airy touch of lace or net or tulle, sometimes in the most unexpected ways.

Lace had been favored this summer, even for the most formal evening wear, and the popularity promises to continue throughout the winter. American women are particularly happy to welcome lace back, not only because of its own beauty and charm, but because lace frocks are so wearable in this country, with its well-heated homes and restaurants and theatres, and they stand up well under travel and all kinds of weather conditions.

The three dresses shown suggest the possibilities of lace. There's the simple frock made by Lelong, left, of delicate lace in royal blue; the statuesque frock made by Rosine, of heavy lace and cellophane, right, also is in royal blue with finely pleated cellophane in most interesting and original fashion at the hem and sleeves.

While fine black lace is used by Mainbocher to edge the décolletage of the black crepe frock, centre, and also for floating draperies, at the back.

To remove fruit stains from the hands, rub them with salt moistened with vinegar.

Household Hints

By MRS. MARY MORTON

TODAY'S RECIPES

Brazilian Loaf.—Chop or grind fine enough Brazil nuts to make 1 cup, add 2 cups of soft bread crumbs, ½ cup of finely chopped celery, ¼ cup of shredded green pepper, 1 tablespoon minced parsley, 1 cup of cold mashed potatoes, and 2 well-beaten eggs; season with 1 teaspoon salt, ¼ teaspoon each of pepper and paprika. Mix all well, make into a loaf, place in a greased pan and bake 35 to 40 minutes. Serve with tomato sauce or cream sauce.

FACTS AND FANCIES

Preserved Citron Melon

5 melons, 5 cups sugar, 1 cup water, 2 lemons, ginger root. Peel melons, cut into slices and boil until tender in the syrup. Add the juice of the 2 lemons and the grated rind of 1 to the mixture. A little ginger, too, may be added. Cook until thick, about 20 minutes. Turn into sterile jars and seal.

Mint Punch

1 large bunch of mint, 1 cup sugar, grated rind of 1 lemon, 1lb. sugar and 1 quart water boiled together 3 minutes, 1 cup grapefruit, 1½ cups lemon juice, charged water. Strip the mint leaves and chop fine. Add the cup of sugar and lemon rind, and let stand 1 hour at least (you may let it stand all night). Add the boiled sugar and water to the mint mixture and set aside to cool. When cold, add the grapefruit and lemon juices and strain. Color pale green if desired, pour

MENU HINT

BREAKFAST

SLICED BANANAS, with ORANGE JUICE
CODDLED EGGS
RAISIN BREAD TOAST
COFFEE MILK

LUNCHEON

CREAM OF POTATO SOUP
CRISP WAFERS TOMATO SALAD
WHOLE WHEAT BREAD
FRUIT COOKIES

DINNER

CHEESE SOUFFLE
GREEN BEANS
BUTTERED BEETS
ESCAROLE, CUCUMBER and CARROT SALAD
FRENCH DRESSING
PEACH SHORTCAKE (using Rusks instead of Cake)

over the ice, and when ready to serve, add the charged water. Use 1 cup of syrup to 1 quart of water.

English Mint Chutney

1 pound ripe tomatoes, 1lb tart apples, 3 large sweet green peppers, 6 small onions, ½ cup mint leaves, 1 small hot red pepper, if desired; 1½ cups seeded raisins, 3 cups vinegar, 2 cups sugar, 2 teaspoons dry mustard, 2 teaspoons salt. Chop tomatoes, apples, onions, peppers, raisins and mint. Scald vinegar and add sugar and seasonings. Stir until sugar is dissolved. Cool. Add chopped ingredients, mix thoroughly and seal cold in sterile jars. This relish should stand ten days before serving.

The Shiny Nose Is A Big Problem For All Women

Famous Beauty Says That Powder Helps in Many Cases.

By GLADYS GLAD,
"America's Most Famous Beauty."

The lovely Margaret Sullavan, whose favorite working costume is a pair of slacks and a jersey, confesses that she doesn't mind having a shiny nose now and then. Peggy is not the gal to spend hours on just primping up. And she really does not need to. For any girl possessing Peggy's flawless complexion really does not have to worry if her nose gets shiny once in a while.



Gladys Glad

However, the average girl, who is not blessed with so perfect a skin, usually can't afford to have a shiny nose. It's too likely to reveal the flaws in her complexion. And there's nothing like a skillfully applied bit of powder to conceal complexion defects, and to enhance the basic loveliness of one's appearance.

I don't intend, of course, to give any woman the impression that she must literally coat her face with powder in order to make her skin look attractive. But I do believe that powder helps. And I find that those women who have difficulty in finding a powder that adheres well and gives a soft, peach-like effect of youth, make the mistake of choosing either too light or too heavy a powder for their particular type

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Meets With Favor



Smart for all daylight occasions is this little coat suit worn by MISS MADGE EVANS of the screen. It is a navy blue flannel with metal button trim, and a blouse in novelty weave cotton.