

Is Your Dog Going Mad?

BY ARNO DOSCH

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ANYONE can tell when a dog is going mad and prevent him from doing harm. The symptoms develop over a period of from three to eight days before the biting mania seizes him. Meanwhile he gives a hundred warnings. All that is necessary is to chain him.

That this piece of information has not been given publicity before, except in the case of a few New England towns, is due to the general lack of caution, but, with the alarming increase of rabies both in animals and men, it has become essential. Too many dogs are going mad every day. Something will have to be done about it. The disease is now so prevalent that it is pertinent to ask:

Is your dog going mad too? This question may strike you as unnecessarily alarming, especially if you happen to live where there have never been any mad dogs. In that case you are to be congratulated. Places with such a record are becoming rare. Your turn may be next.

Left to spread as far as it might, with practically no attempt to stop it, rabies during the past few years has become thickly disseminated over the whole of the United States, except the far West. Along the Atlantic coast and in the middle West, both North and South, there is hardly a district unaffected by it, and each additional dog that goes mad is carrying it as far as he can travel in two or three days' time. It has arrived at the point where it threatens everyone, and, if it were not for the twenty-five or more institutions which are now giving the Pasteur treatment in the infected districts, the number of human deaths would be startling.

Three years ago rabies began to press itself upon public attention. Up to that time it had never appeared as much of a danger in America, although mad dogs had shown themselves at intervals for more than a century. Each in itself had always been a terrifying object, but the numbers were comparatively scarce.

Conservative estimates of the medical men and boards of health place the number of deaths annually from this dread disease at 20,000.

The question of what to do is also before this country. Two courses are open: policing and a study of the disease which may lead to its prevention.

Effective policing has always meant a rigid muzzle and leash law and the chloroforming of all stray dogs. But it has been proved to be successful. After centuries of terror over rabid animals, England, since 1897, has succeeded by this means in remaining rid of them entirely, and only a few months ago when some of the virus was needed in a research laboratory in Liverpool it had to be obtained outside the country. Berlin has practically eradicated the disease within the city following an epidemic during which a dog went mad on the streets every day. Paris, overcoming a sentimental opposition, reduced the mad dogs from 560 during the year 1901 to 10 in 1907, simply by compelling owners to look after their pets.

Attempts to stop the disease in this country have been spasmodic and hysterical. It has required the death of some well-known person or some unusual circumstance to awaken the police.

There are three types of rabies: furious, which we recognize; dumb, which we do not; and a mixture of the two. The furious is the most important.

The first action on the part of a dog which points to furious rabies is a marked and unusual restlessness. He jumps up constantly without cause and is hypersensitive to light and sound. He snoops in dark corners and licks everything nervously. He becomes effusive in his affection, and his master, wondering, feels that there is trouble, and asks the poor dumb brute what ails him.

Then, all at once, his disposition changes. He snaps suddenly, and the next instant wags his tail in apology for his action. In a moment he snaps again. Meanwhile he eats and drinks normally and shows no sign of paralysis, which we have been taught to look for when rabies is suspected.

The restlessness increases in a way that can hardly fail of notice, and then a night comes when he gives little gasping howls, which sound as if they had been choked off in the middle. Anyone who has ever heard this howl knows instinctively that there is something wrong. There is no confusing it with the ordinary barking at passing or imaginary objects, and it sounds nothing at all like baying at the moon. The howls are senseless and the hearer realizes it.

At first the dog remains near the house, giving his master ample time to take action. In fact he forces the attention of everyone within hearing and spreads a vague uneasiness. His howls get on the nerves of those with in doors and they are rather apt to call out to him to be still. Some comment is probably made on the peculiar effect his howling has. A timid member of the household suggests that the dog is going mad, but the idea is scouted.

When this has gone on half the night, and the family is distraught for lack of sleep, the howls begin to grow fainter and the family falls into a peaceful sleep. But the dog has gone away to menace the surrounding country for fifty or a hundred miles. He wanders aimlessly, the disease gripping him tighter hour by hour, and



when the morning comes, he is foaming at the mouth—a mad dog. The biting mania is on him, and he attacks everything, cattle, horses, dogs, cats, children. Fortunately the only other animal which gets the biting mania is the horse. The disease is spread in almost every case by dogs.

After two or three days, if he has not meanwhile been shot, he comes back, but, by this time, he has done his damage. He is weak in the hind legs, then in the fore legs. His eyes become covered with a film and his under jaw hangs down. Before long general paralysis sets in and he dies.

The warning which can hardly fail to be noticed is the howl, and, when his owner hears this, it is high time to act. He can be caught without much danger of biting, as a mad dog only attacks his master when the disease has completely captured his mind. But the saliva is already virulent, and gloves should be worn. Otherwise a little of it penetrating the skin or rubbed from the hand to a freshly shaved chin is enough to communicate the disease.

In dumb rabies the first sign is the drooping of the jaw. When this happens to a dog, it is only necessary to place a dish of water before him to discover whether he has rabies. He will lick at it, if rabid, but he will not be able to swallow, and the amount in the dish will remain the same.

As he cannot bite he is not very dangerous, but his saliva is as virulent as if he had furious rabies, and he should be kept apart. Usually a dog with dumb rabies is believed to have a bone in his throat, and some kindly person puts a hand in his mouth—literally into the jaws of death.

In mixed rabies the dog is more or less furious. He shows some of the symptoms of both the other forms.

About the only other diseases to which dogs are prone show themselves in a way not to be confused with rabies. Gastric trouble and rheumatism appear much as in human beings, and distemper is accompanied by coughing and sneezing, a high fever and running at the eyes.

The cardinal rule is never to kill a biting dog if possible to avoid it. Catch and chain him, and wait to see if the symptoms of rabies develop. If he is all right at the end of a week those he bit may breathe more freely, but, if he becomes rabid, they have no time to lose.

With the increase in rabies some knowledge of what to do for a dog's victims is as essential as a pocket supply of potassium permanganate in the rattlesnake country. Dr. George G. Rambaud, of the Pasteur Institute of New York, gives the following directions as first aid to the injured:

"The wounds should be treated like any other infected wounds. Bleeding should be encouraged, as a free flow of blood may carry off with it a great part of the virus. Then the wound should be thoroughly washed with any good antiseptic solution. The newer colloidal silver or silver-salt preparations are to be preferred, but, in their absence, iodine, a four per cent solution of carbolic acid, or even lemon juice, are useful."

Cauterization, the oldest treatment,

Dr. Rambaud decries because, he says, it gives a false sense of security. But Dr. Anna Williams, who is devoting her life to the study of rabies in the research laboratory of the New York Board of Health, says she is willing to take her chances on cauterization, if the wound is not too deep. The average person, however, will prefer to take the Pasteur treatment. Since its discovery in 1884 it has been tried on more than 250,000 people, and of those who took it only one-half of one per cent have died.

On the subject of the disease itself there is not much room for question. The existence of the virus has been proved beyond all reasonable doubt by inoculating a whole series of dogs, one from another, and having each one develop the same symptoms and die in the same way. But, what has stood in the way of a greater knowledge, aside from the treatment, has been the doubt as to the nature of the virus. Some hold it is a bacterium, the lowest form of plant life, and others that it is a protozoan, the lowest form of animal life. Bacteria are subject to epidemics; the known protozoans are not. The layman can only hope for the protozoan conclusion.

The Pasteur treatment normally consists of injections into the flank of an emulsion of small portions of the spinal cord of inoculated rabbits dissolved in a salt solution. For bites on the hand or body, if the patient begins the treatment within a week, it is continued for eighteen days. If the delay is greater, it is continued for several days longer. Pasteur himself laid down the rules which have been followed more or less closely ever since. But experience has shown that this treatment is much less successful for bites on the face, where the reach to the nerve center is shorter. To meet the emergency face bites have given rise to, within the past two years a new treatment has been developed which immunizes the patient in twelve days. It is rather heroic, but it has been used a great many times without bad results, saving the lives of many who had no time to spare. Instead of using virus the virulence of which has been allowed to die out, as in the old method, the emulsion consists of a serum obtained from sheep strongly immunized against rabies mixed with fresh virulent virus.

The Pasteur treatment is only preventive. The serum meets and grapples with the virus on its way up the nerve to the brain. Once it has reached the nerve center, it defies treatment. But, if you do not know you have been exposed, your first intimation is after the virus is in the brain engaged in its fateful work.

Death from rabies has become too common to occupy a front-page position in the newspapers. That alone shows the prevalence of the disease. Tomorrow or next week, when you read of little children being bitten on the street, remember that one of those children might have been yours. Imagine, then, the furious animal rushing at your child, tearing at his face and body!—Is the picture too horrible?

It is happening every day. Your child may be next.

Now Joe is "It"

Joe Laver involuntarily discovered the best place to hide that he ever came across while playing hide-and-seek with a number of playmates at Third Avenue and One Hundredth Street, near an excavation for pneumatic tubes for the post office. Joe, who is four years old, disappeared from the ken of Isadore Ross, who was "It," as completely as though he had been drawn into the tubes. But it was not the tubes that got him.

"Issy" had just finished counting when he caught sight of Joe ducking behind a Third Avenue car. He was not sure, and ran around to the other side of the car to look, but there was no Joe there. "Issy" went and told Joe's mother he was lost. Twelve blocks away a number of boys ran out and pointed at the front of the car and

shouted to the motorman. He brought his car to a stop. When he got out he found a small boy whimpering on the fender. That was Joe—New York Tribune.

Not the Means, But End.

"Senator," the beautiful girl inquired, "are you in favor of being elected by the direct votes of the people?"

"My dear young lady," the statesman replied, "I am enthusiastically in favor of being elected thus or in any other way that can be arranged."

The world is divided into two classes or those who go ahead and do something, and those who sit still and inquire. "Why wasn't it done the other way?"—O. W. Holmes.

Try This for Colds

Prescription Known for Results
Rather than Large Quantity.

Go to your druggist and get two ounces of Glycerine and half an ounce of Concentrated Pine Compound. Mix these with half a pint of good whiskey. Shake well. Take one to two teaspoonfuls after each meal and at bed time. Smaller doses to children according to age. Any one can prepare this at home. This is said to be the quickest cough and cold cure known to the medical profession. Be sure to get only the genuine (Globe) Concentrated Pine. Each half ounce bottle comes in a tin screw-top sealed case. If the druggist is out of stock he will quickly get it from his wholesale house. Don't fool with uncertain mixtures. It is risky.

RIGHT THERE.



Mabel—Papa says I mustn't encourage you.

Henry—That's all right—I don't need any encouragement.

Railroading and Dancing.

Stuart C. Leake, who has a lot to do with managing a big railroad in Richmond, Va., is noted as one of the best dancers in the South.

One night something went wrong with the branch of the road over which Leake has supervision.

"Where in thunder was Leake?" asked the president of the road next morning.

"Leading a german," said the general manager.

"Which," commented the president, "was a dirty Irish trick."—Popular Magazine.

Annie Telford, "Queen's Nurse," of Ballynair, Ayrshire, England, Writes as Follows:—

I have great pleasure in testifying what a valuable remedy in various Skin Troubles I have found Resinol Ointment to be. I have used it in extremely bad cases of Eczema and in poisoned wounds, and always with most satisfactory results. I have the highest opinion of its curative value.

Prolific.

A census-taker while on her rounds called at a house occupied by an Irish family. One of the questions she asked was:

"How many males have you in this family?"

The answer came without hesitation:

"Three a day, mum!"

All Snakes Are Killers.

But all snakes, great and small, are killers. All of them eat creatures which they slay. None eat vegetable food of any kind. Nor will they eat animals which they find dead. That is one reason, no doubt, why they have always been shunned and dreaded by human beings.

Important to Mothers

Examine carefully every bottle of CASTORIA, a safe and sure remedy for infants and children, and see that it bears the

Signature of *Dr. J. C. Fitch*.

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The Kind You Have Always Bought.

I am not so lost in lexicography as to forget that words are the daughters of earth and that things are the sons of heaven.—Samuel Johnson.

Thousands of Consumptives die every year. Consumption results from a neglected cold on the lungs. Hamline Wizard Oil will cure these colds. Just rub it into the chest and draw out the inflammation.

Some men, like some roosters, are always crowing—but what's the use?

TO CURE A GOLD IN ONE DAY
Take LAXATIVE BROMO Quinine Tablets.
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The breath of scandal is responsible for much breezy conversation.

Taking Garfield Tea keeps the system clean, the blood pure and the general health good. Buy from your druggist.

Cleanliness is next to godliness.—John Wesley.

What Ails You?

Do you feel weak, tired, despondent, have frequent headaches, coated tongue, bitter or bad taste in morning, "heart-burn," belching of gas, acid risings in throat after eating, stomach gnaw or burn, foul breath, dizzy spells, poor or variable appetite, nausea at times and kindred symptoms?

If you have any considerable number of the above symptoms you are suffering from biliousness, torpid liver with indigestion, or dyspepsia. Dr. Pierce's Golden Medical Discovery is made up of the most valuable medicinal principles known to medical science for the permanent cure of such abnormal conditions. It is a most efficient liver invigorator, stomach tonic, bowel regulator and nerve strengthener.

The "Golden Medical Discovery" is not a patent medicine or secret nostrum, a full list of its ingredients being printed on its bottle-wrapper and attested under oath. A glance at these will show that it contains no alcohol, or harmful habit-forming drugs. It is a fluid extract made with pure, triple-refined glycerine, of proper strength, from the roots of native American medicinal forest plants. World's Dispensary Medical Association, Props., Buffalo, N. Y.

Hustlers.
"A good turkey dinner and mince pie," said Simeon Ford, "always puts us in a lethargic mood—makes us feel, in fact, like the natives of Nola Chucky."

"In Nola Chucky one day I said to a man:
"What is the principal occupation of this town?"

"Wall, boss," the man answered, yawning, "in winter they mostly sets on the east side of the house and follers the sun around to the west, and in summer they sets on the west side and follers the shade around to the east."

The Beginning.

Children learn to creep ere they can learn to go.—Heywood.

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