

TMENT OF

enlargements of these are  
of a pigeon's egg to the  
the thyroid glands. It  
with the animal in any

um one part to four or  
ut be careful, as the caro-  
you can ligature it. It  
of mercury, or if cysts

of the horse, producing  
ases are very rare.

r escape.

fibrous character; there  
to the mucous membrane;  
al opening. It is not so

e in the system. It is a  
removed.

ve it alone, but if it in-  
to remove it, just with  
pening. It is sometimes  
erious than nasal polypi;  
vere with the larynx.

has difficulty in breath-  
may fall down, get up  
ere may, after this, be a  
h a case put the hand  
xamination.

would remove it, but my  
move; but it may have  
ach a case remove it. I  
hemorrhage.

polypi. When you make  
orous character, but it is  
now by this that it con-  
by making an incision,  
as an ordinary injury.

s been noticed, and may  
s a discharge from the

trane of the nose causes  
e nose. Give some such

no other disease can be  
dry; the humid, which  
is found in heaves, or

broken wind; the suppressed cough, in which the animal tries to  
suppress it, for it appears to cause great pain; this is found in  
pleurisy.

Chronic cough may result from laryngitis. It is an indication of  
broken wind or heaves. There is some derangement in the pneumo-  
gastric nerve. It is aggravated much by changes in the temperature;  
it is shown after drinking or eating, or being brought from the stable;  
and although it does not seem to hurt the animal much, you must look  
upon it with a certain amount of suspicion. Pressure upon the  
larynx will cause him to cough.

*Treatment* must vary according to cause, or what you think is the  
cause. Iodide of potassium, or mercurial ointment, tartar emetic  
may be given—one or two drachms morning or night; or camphor,  
opium and digitalis made into a ball and given twice a day. You  
may use belladonna.

**Roaring** generally goes under the name of heaves, or broken wind.  
It may be produced by various causes. You may have whistling or  
blowing, etc. A whistler is not so serious as one that makes a loud  
roaring noise. Roaring may be defined as breathing with a loud  
and unnatural sound upon any violent exertion. There is more air  
passing into the nostrils than can pass into the lungs, and this is due  
to a wasting of the muscles of the larynx. The air acts upon the  
vocal cords, producing this peculiar sound. The muscles are more  
wasted upon the left side than they are on the right. Roaring may  
arise from a disease of the turbinate bone, or from a tumor of an  
osseous character in the nasal chambers, or from a foreign body in the  
nasal chambers, but five out of every six result from wasting of the  
muscles of the larynx.

*Causes*.—It is caused by laryngitis, strangles and influenza; but is  
generally hereditary. It may be from some lesion of the pneumo-  
gastric nerve, or from tight reining. It generally comes after  
strangles or laryngitis, by being put to fast work too soon after recov-  
ery. Horses with extremely long necks and a narrow submaxillary  
space are very apt to become roarers.

*Symptoms*.—As long as you do not excite the animal he is almost free  
from it, but if you work him hard or drive him, he will show it  
quickly.

*Treatment*.—If once well established, it is incurable; but you may  
palliate it by giving certain kinds of food. If it results from thick-  
ening of the mucous membrane, give iodide of potassium; or you  
may use counter irritation. Whistling, wheezing, etc., are only  
modified symptoms of roaring. The muscles involved in roaring are  
the crico-arytenoidens, posticus and lateralis arytenoidens and thy-  
roarytenoidens. It may come from nervous influences.

**Spasms of the Larynx**.—Most likely to occur in old horses.

*Symptoms*.—The animal is seized with a violent fit of coughing;  
may reel, stagger, and sometimes fall. You cannot detect anything  
wrong. In such a case give a mild laxative and bromide of potassium,  
and follow by nux vomica.

**Epistaxis**, or bleeding from the nose, is not very common, and  
usually proceeds from some injury, or is the result of violent exertion,  
rupturing some of the blood vessels. It is not very serious. The  
blood, as a general thing, issues from but one nostril, but it may come