

Such as are liable to frequent returns of this disease ought constantly to have an issue in one or both arms. Bleeding or purging in the spring and autumn will be very beneficial to such persons. They ought likewise to live with the greatest regularity, avoiding strong liquor and every thing of a heating quality. Above all, let them avoid the night air and late studies.*

CHAPTER XXVIII.

OF THE QUINSY, OR INFLAMMATION OF THE THROAT.

THIS disease is very common in Britain, and is frequently attended with great danger. It prevails in the winter and spring, and is most fatal to young people of a sanguine temperament.

CAUSES.—In general it proceeds from the same causes as other inflammatory disorders, viz. an obstructed perspiration, or whatever heats or inflames the blood. An inflammation of the throat is often occasioned by omitting some part of the covering usually worn about the neck, by drinking cold liquor when the body is warm, by riding or walking against a cold northerly wind, or any thing that greatly cools the throat and parts adjacent. It may likewise proceed from the neglect of bleeding, purging, or any customary evacuation.

Singing, speaking aloud and long, or whatever strains the throat, may likewise cause an inflammation of that organ.

* As most people are fond of making use of eye-waters in this disease, we shall recommend the following as one of the best which has fallen under our observation. Take of bolearmenic finely powdered three ounces, of white vitriol an ounce and a half, of white sugar candy three ounces. Mix them in a bottle of soft water, and let them stand for three or four days, frequently shaking them. Afterwards the water must be filtered, and a little of it dropped into the eye twice or thrice a day. A cloth wet with it must likewise be constantly kept on the eye

I have often known the quinsy prove fatal to jovial companions, who, after sitting long in a warm room, drinking hot liquors, and singing with vehemence, were so imprudent as to go abroad in the cold night air. Sitting with wet feet, or keeping on wet clothes, are very apt to occasion this malady. It is likewise frequently occasioned by continuing long in a moist place, sitting near an open window, sleeping in a damp bed, sitting in a room that has been newly plastered, &c. I know people who never fail to have a sore throat if they sit even but a short time in a room that has been lately washed.

Acrid or irritating food may likewise inflame the throat and occasion a quinsy. It may also proceed from bones, pins, or other sharp substances sticking in the throat, or from the caustic fumes of metals and minerals, as arsenic, antimony, &c., taken in by the breath. This disease is sometimes epidemic and infectious.

SYMPTOMS.—The inflammation of the throat is evident from inspection, the parts appearing red and swelled; besides, the patient complains of pain in swallowing any thing. His pulse is quick and hard, with other symptoms of a fever. If blood be let, it is generally covered with a tough coat of a whitish color, and the patient spits a tough phlegm. As the swelling and inflammation increase, the breathing and swallowing become more difficult; the pain affects the ears; the eyes generally appear red; and the face swells. The patient is often obliged to keep himself in an erect posture, being in danger of suffocation; there is a constant nausea, or inclination to vomit, and the drink, instead of passing into the stomach, is often returned by the nose. The patient is frequently starved at last, merely from an inability of swallowing any kind of food.

When the breathing is laborious, with straitness of the breast and anxiety, the danger is great. Though the pain in swallowing be very great, yet while the patient breathes easy there is not so much danger. An external swelling is no unfavorable symptom; but if it suddenly falls, and the disease affects the breast, the danger is very great. When a quinsy is the consequence of some other disease, which has already weakened the patient, his situation is dangerous. A frothing at the mouth, with a swelled tongue, a pale, ghastly countenance, and coldness of the extremities, are fatal symptoms.

REGIMEN.—The regimen in this disease is in all respects

the same as in the pleurisy or peripneumony. The food must be light, and in small quantity, and the drink plentiful, weak and diluting, mixed with acids.

It is highly necessary that the patient be kept easy and quiet. Violent affections of the mind, or great efforts of the body, may prove fatal. He should not even attempt to speak but in a low voice. Such a degree of warmth as to promote a constant gentle sweat is proper. When the patient is in bed, his head ought to be raised a little higher than usual.

It is peculiarly necessary that the neck be kept warm; for which purpose several folds of soft flannel may be wrapped round it. That alone will often remove a slight complaint of the throat, especially if applied in due time. We cannot here omit observing the propriety of a custom which prevails among the peasants of this country. When they feel any uneasiness of the throat, they wrap a stocking about it all night. So effectual is this remedy, that in many places it passes for a charm, and the stocking is applied with particular ceremonies. The custom however is undoubtedly a good one, and should never be neglected. When the throat has been thus wrapped up all night, it must not be exposed to the cold air through the day, but a handkerchief, or a piece of flannel, kept about it till the inflammation be removed.

The jelly of black currants is a medicine very much in esteem for complaints of the throat; and indeed it is of considerable efficacy. It should be almost constantly kept in the mouth, and swallowed down leisurely. It may likewise be mixed in the patient's drink, or taken any other way. When it cannot be obtained, the jelly of red currants, or of mulberries, may be used in its stead.

Gargles for the throat are likewise very beneficial. They may be made by adding to half an English pint of the pectoral decoction, mentioned page 123, two or three spoonfuls of honey, and the same quantity of currant jelly. This may be used three or four times a day; and if the patient be troubled with tough viscid phlegm, the gargle may be made more sharp and cleansing, by adding to it a tea-spoonful of the spirit of sal ammoniac. Some recommend gargles made of a decoction of the leaves or bark of the blackberry bush; but where the jelly can be had these are unnecessary.

There is no disease wherein the benefit of bathing the feet and legs in lukewarm water is more apparent. That practice ought therefore never to be neglected. If people were careful

to keep warm, to wrap up their throats with flannel, to bathe their feet and legs in warm water, and to use a spare diet, with diluting liquors, at the beginning of this disease, it would seldom proceed to a great height, or be attended with any danger; but when these precautions are neglected, and the disease becomes violent, more powerful medicines are necessary.

MEDICINE.—An inflammation of the throat being a most acute and dangerous distemper, which sometimes takes off the patient very suddenly, it will be proper, as soon as the symptoms appear, to bleed in the arm, or rather in the jugular vein, and to repeat the operation if circumstances require.

The belly should likewise be kept gently open. This may either be done by giving the patient for his ordinary drink a decoction of figs and tamarinds, or small doses of rhubarb and nitre, as recommended in the erysipelas. These may be increased according to the age of the patient, and repeated till they have the desired effect.

I have often known very good effects from a bit of *sal prunel*, or purified nitre, held in the mouth, and swallowed down as it melted. This promotes the discharge of saliva, by which means it answers the end of a gargle, while at the same time it abates the fever, by promoting the discharge of urine, &c.

The throat ought likewise to be rubbed twice or thrice a day with a little of the volatile liniment. This seldom fails to produce some good effects. At the same time the neck ought to be carefully covered with wool or flannel, to prevent the cold from penetrating the skin, as this application renders it very tender. Many other external applications are recommended in this disease, as a swallow's nest, poultices made of the fungus called Jew's ears, album grecum, &c. But as we do not look upon any of these to be preferable to a common poultice of bread and milk, we shall take no further notice of them.

Some recommend the gum guaiacum as a specific in this disease. Half a dram of the gum in powder may be made into an electuary with the root of elder for a dose, and repeated occasionally.

Blistering upon the neck or behind the ears, in violent inflammations of the throat, is very beneficial. After the plasters are taken off, the parts ought to be kept running, by the

application of sharp ointment, till the inflammation is gone ; otherwise, upon their drying up, the patient will be in danger of a relapse.

When the patient has been treated as above, a suppuration seldom happens. This however is sometimes the case in spite of all our endeavors to prevent it. When the inflammation and swelling continue, and it is evident that a suppuration will ensue, it ought to be promoted by drawing the steam of warm water into the throat through a tunnel, or the like. Soft poultices ought likewise to be applied outwardly, and the patient may keep a roasted fig constantly in his mouth.

It sometimes happens, before the tumor breaks, that the swelling is so great as entirely to prevent any thing from getting down into the stomach. In this case the patient must inevitably perish, unless he can be supported in some other way. This can only be done by nourishing clysters of broth, or gruel with milk, &c. Patients have often been supported by these for several days, till the tumor has broke ; and afterwards they have recovered.

Not only the swallowing, but the breathing, is often prevented by the tumor. In this case nothing can save the patient's life but opening the *trachea* or windpipe. As that has been often done with success, no person in such desperate circumstances ought to hesitate a moment about the operation ; but as it can only be performed by a surgeon, it is not necessary here to give any directions about it.

When a difficulty of swallowing is not attended with an acute pain or inflammation, it is generally owing to an obstruction of the glands about the throat, and only requires that the part be kept warm, and the throat frequently gargled with something that may gently stimulate the glands, as a decoction of figs with vinegar and honey, to which may be added a little mustard or a small quantity of spirits. But this kind of gargle is never to be used where there are signs of an inflammation. This species of *angina* has various names among the common people, as the *pap of the throat*, the falling down of the *almonds of the ears*, &c. Accordingly, to remove it, they lift the patient up by the hair of the head, and thrust their fingers under his jaws, &c., all which practices are at best useless, and often hurtful.

Those who are subject to inflammations of the throat, in order to avoid that disease, ought to live temperate. Such as

do not choose to observe this rule must have frequent recourse to purging and other evacuations, to discharge the superfluous humors. They ought likewise to beware of catching cold, and should abstain from aliment and medicines of an astringent or stimulating nature.

Violent exercise, by increasing the motion and force of the blood, is apt to occasion an inflammation of the throat, especially if cold liquor be drank immediately after it, or the body suffered suddenly to cool. Those who would avoid this disease ought therefore, after speaking aloud, singing, running, drinking warm liquor, or doing any thing that may strain the throat or increase the circulation of the blood towards it, to take care to cool gradually, and to wrap some additional coverings about their necks, &c.

I have often known persons who had been subject to sore throats entirely freed from that complaint by only wearing a ribbon, or a bit of flannel, constantly about their necks, or by wearing thicker shoes, a flannel waistcoat, or the like. These may seem trifling, but they have great effect. There is danger indeed in leaving them off after persons have been accustomed to them; but surely the inconveniency of using such things for life is not to be compared with the danger which may attend the neglect of them.

Sometimes, after an inflammation, the glands of the throat continue swelled, and become hard and callous. This complaint is not easily removed, and is often rendered dangerous by the too frequent application of strong, stimulating, and styptic medicines. The best method is to keep it warm, and to gargle it twice a day with a decoction of figs sharpened a little with a few drops of the elixir or spirit of vitriol.

THE MALIGNANT QUINSY, OR PUTRID,
ULCEROUS SORE THROAT.

This kind of quinsy is but little known in the northern parts of Britain, though, for some time past, it has been very fatal in the more southern counties. Children are more subject to it than adults, females than males, and the delicate than those who are hardy and robust. It prevails most in autumn, or after a long course of damp or sultry weather.

CAUSES.—This is evidently a contagious distemper, and is generally communicated by infection. Whole families, and even entire villages, often receive the infection from one per-

son. This ought to put people upon their guard against going near such patients as labor under the disorder; as by that means they endanger not only their own lives, but likewise those of their friends and connections. Whatever tends to produce putrid or malignant fevers may likewise occasion the putrid, ulcerous sore throat, as unwholesome air, damaged provisions, neglect of cleanliness, &c.

SYMPTOMS.—It begins with alternate fits of shivering and heat. The pulse is quick, but low and unequal, and generally continues so through the whole course of the disease. The patient complains greatly of weakness and oppression of the breast; his spirits are low, and he is apt to faint away when set upright; he is troubled with a nausea, and often with a vomiting or purging. The two latter are most common in children. The eyes appear red and watery, and the face swells. The urine is at first pale and crude; but, as the disease advances, it turns more of a yellowish color. The tongue is white and generally moist, which distinguishes this from an inflammatory disease. Upon looking into the throat it appears swelled, and of a florid red color. Pale or ash-colored spots, however, are here and there interspersed, and sometimes one broad patch or spot, of an irregular figure, and pale white color, surrounded with florid red, only appears. These whitish spots or sloughs cover so many ulcers.

An efflorescence, or eruption upon the neck, arms, breast, and fingers, about the second or third day, is a common symptom of this disease. When it appears, the purging and vomiting generally cease.

There is often a slight degree of delirium, and the face frequently appears bloated, and the inside of the nostrils red and inflamed. The patient complains of a disagreeable putrid smell, and his breath is very offensive.

The putrid, ulcerous throat may be distinguished from the inflammatory by the vomiting and looseness with which it is generally ushered in; by the foul ulcers in the throat, covered with a white or livid coat; and by the excessive weakness of the patient; with other symptoms of a putrid fever.

Unfavorable symptoms are, an obstinate purging, extreme weakness, dimness of the sight, a livid or black color of the spots, and frequent shiverings, with a weak fluttering pulse. If the eruption upon the skin suddenly disappears, or becomes of a livid color, with a discharge of blood from the nose or mouth, the danger is very great.

If a gentle sweat breaks out about the third or fourth day, and continues, with a slow, firm, and equal pulse; if the sloughs cast off in a kindly manner, and appear clean and florid at the bottom; and if the breathing be soft and free, with a lively color of the eyes, there is reason to hope for a salutary crisis.

REGIMEN.—The patient must be kept quiet, and, for the most part, in bed, as he will be apt to faint when taken out of it. His food must be nourishing and restorative; as sago gruel with red wine, jellies, strong broths, &c. His drink ought to be generous, and of an antiseptic quality; as red wine negas, white wine whey, and such like.

MEDICINE.—The medicine in this kind of quinsy is entirely different from that which is proper in the inflammatory. All evacuations, as bleeding, purging, &c., which weaken the patient, must be avoided. Cooling medicines, as nitre and cream of tartar, are likewise hurtful. Strengthening cordials alone can be used with safety; and these ought never to be neglected.

If, at the beginning, there be a great nausea, or inclination to vomit, the patient must drink an infusion of green tea, camomile flowers, or *carduus benedictus*, in order to cleanse the stomach. If these be not sufficient, he may take a few grains of the powder of ipecacuanha, or any other gentle vomit.

If the disease be mild, the throat may be gargled with an infusion of sage and rose leaves, to a gill of which may be added a spoonful or two of honey, and as much vinegar as will make it agreeably acid; but when the symptoms are urgent, the sloughs large and thick, and the breath very offensive, the following gargle may be used.*

It will be of great benefit if the patient frequently receives into his mouth, through an inverted tunnel, the steams of warm vinegar, myrrh and honey.

But when the putrid symptoms run high, and the disease is attended with danger, the only medicine that can be de-

* Take six or seven ounces of the pectoral decoction, when boiling, add half an ounce of contrayerva root; let it boil for some time, and afterwards strain the liquor; to which add two ounces of white wine vinegar, an ounce of fine honey, and an ounce of the tincture of myrrh. This ought not only to be used as a gargle, but a little of it should frequently be injected with a syringe, to clean the mouth, before the patient takes any meat or drink. This method is peculiarly necessary for children, who cannot use a gargle.

pended upon is the Peruvian bark. It may be taken in substance, if the patient's stomach will bear it; if not, an ounce of bark grossly powdered, with two drams of Virginian snake-root, may be boiled in an English pint and a half of water to half a pint; to which a tea-spoonful of the elixir of vitriol may be added, and an ordinary tea-cupful of it taken every three or four hours. Blistering plasters are very beneficial in this disease, especially when the patient's pulse and spirits are low. They may be applied to the throat, behind the ears, or upon the back part of the neck.

Should the vomiting prove troublesome, it will be proper to give the patient two table-spoonfuls of the saline julep, page 120, every hour. Tea made of mint and a little cinnamon will likewise be a proper drink, especially if an equal quantity of red wine be mixed with it.

In case of a violent looseness, the size of a nutmeg of *diascordium*, or the japonic-confection, may be taken two or three times a day, or oftener if necessary; and the patient's drink must be red wine negas.

If a discharge of blood from the nose happens, the steams of warm vinegar may be received up the nostrils frequently; and the drink must be sharpened with spirits of vitriol or tincture of roses.

In case of a strangury, the belly must be fomented with warm water, and emollient clysters given three or four times a day.

After the violence of the disease is over, the belly should still be kept open with mild purgatives; as manna, senna, rhubarb, or the like.

If great weakness and dejection of spirits, or night sweats, with other symptoms of a consumption, should remain after this disease, we would advise the patient to continue the use of the Peruvian bark, with the elixir of vitriol, and take frequently a glass of generous wine. These, together with a milk diet, and riding on horseback, are the most likely means for recovering his strength.