ence, is extremely minute and quite transparent, and possessing the power of rendering their heads extremely sharp, they pass through the tissues without leaving any visible traces of their migration. Their course seems somewhat arrested by the tendonous insertion of muscles, at which part, they may usually be found most abundantly. Tricking which have not yet become encysted can only be recognized by means of a magnifying power of fifty. The deposit of chalk about the ersts generally requires months for completion, and gives the flesh the appearance and sensation through them with a knife.

The American Medical Times tells of a case in, which the triching were yet alive after ten years', torpor. Even when there are but few to be found they exist widely scattered throughout the whole of muscular tissue of the body, excepting, perhaps, that of the heart.

Since their discovery, in 1835, the triching have frequently been noticed in different parts of the world. It was, however, only in 1860 that more minute investigations concerning their nature and development, were made by Professors Virchow, Leuckart, Zenker, and others. Zenker was the first to recognize these parasites as being the cause fillness and ceath, before which time they were considered more as a curiosity than a source of danger.

In the spring of 1862, about thirty cases of trichins disease occurred in Planen in Saxony. Small pieces of muscular tissue were excised from some of the patients and examined by means of the micoscope, and thus, for the first time, the diagnosis of trichiumsis was made in the living subject. Since then numerous cases of it have been observed indifferent parts of Germany, and no doubt many have occurred elsewhere which have not been reognized by medical men.

The disease produced by these parasites may be

divided into three stages.

The first, including the period from the arrival of the traching into the stomach, until the birth of the first of the progeny, is merely accompanied by les of appetite and general malaise, and lasts usually from four to eight days.

The second and most important stage, comprising the morbid symptoms produced by the migration sibe young from the bowels to their permanent. abode in the muscular tissue, sets in with rigors, best, quick pulse, loss of appetite, pain in the abdemen, either profuse diarrhan or what is more frequent obstinate constipation, general prostraacter sometimes accompanied by delirium. Among be many other symptoms may be enumerated dysman, hoarseness, and ordems of the face, from sichinous invision of the muscles of the chest, bejux and .ace; the swelling in the extremities blows a later period and closely resembles that of the matic fever, with this difference that the bials never suffer from these parasites. The fever son becomes more asthenic in type, profuse perwistion sets in, miliary vesicles appear on the erace, the mind wanders, meteorism, diarrhou, emoptoe, lobular pneumonia, effusions in the Mara, &c . take place, and death soon closes the The average duration of the second stage

early as five days after the attack. Pregnant women generally abort during this period.

The third stage, or chronic trichiniasis, commences as soon as the parasites have taken up their permanent abode in the substance of the muscles, which remain weak and stiff for months. In a few cases, baldness of the head, desquamation of the skin, and painful boils have been observed to follow.

Dr. Althaus expresses the opinion that many practitioners in Great Britain and elsewhere may recollect cases of this kind, which have, at one time or another, fallen under their notice, and which, in as if containing sand, and grates on cutting the absence of sufficient information on the subject, have most likely been set down as forms of typhoid

> I real ment. -- Emetics and purges prove useful when given very early. For the muscular pains, warm anodyne fomentations may be employed. When the fever is very severe mineral acids and digitalis are the best remedies, and care must be taken regularly to empty the bowels and bladder. Fomentations of vinegar may be employed for the profuse perspiration and miliary vesicles; and diuretics for the cedema, as the kidneys ne er suffer in such cases. The vital powers must be constantly sustained and stimuli liberally prescribed when necessary. Finally the patient should never be informed of the nature of his complaint. W. E. B.

> RED BLOOD IN THE VEINS .- Dr. Brown-Sequard arrives at the following conclusions regarding the colour of venous blood. 1. The blood is of a less deep color in the veins of limbs paralysed by section of their nerves or by destruction of a part of the spinal cord, than in the veins of sound limbs. 2. The diminished depth of color in the veins of paralysed limbs is due, at least in part, to the state of inaction of the muscles. 3. Paralysis of the blood-vessels may also produce a reddish color in the venous blood. 4. It is especially through their influence in exciting muscular contraction, that the nerves and galvanism increase the intensity of the dark color in venous blood .- Br. Med. Jour.

> PARALYSIS OF THE FACIAL. - Hipodermic injections of strychnia have been successfully employed by a French surgeon for the removal of this form of paralysis. He employs a solution of one grain to a drachm and a-balf of water, and injects from 8 to 16 minims along the course of the facial between its point of exit and the neck of the inferior maxilla, repeating it every second or third day. He increases the strength of the solution up to 1 in 70 if required; and finds in favorable cases the faculty of movement to become permanently restored in from ten days to a fortnight .- Cincinnuti Lance: and Obs.

THYROIDEAN LARYNGOTOMY.—Professor Bæckel, of Strasburg, relates a case of thyroidean laryngotomy which he lately performed in order to remove a number of polypoid vegetations situated behind the glottis, and threatening death from suffocation, in a young girl. He turned back the pieces of the thyroid cartilages like opening a bool,, and in this way readily reached the morbid growths. The wound was afterwards canterized with nitrate of meroury. The tissues slowly healed, and the patient sent back to the country perfectly cared of the fits of sufforation to which she had been previously subject. The from three to six weeks, although fatal issue may ultimate result was not ascertained, as she afterwards this place much sooner and has been known as i died of a disease of which M. Bosckel could get no