THE TREATMENT OF NÆVI BY VACCINATION.

M. Marjolin recently advised at the Society of Surgery of Paris that the treatment of erectile vascular tumours in children, whatever their seat, should be commenced by vaccination. M. Blot (Gazette des Höpitaux, Oct. 8), calls this in question. He thinks vascular spots have been confounded with erectile tumours. Vaccination may cure these marks, but is powerless against tumours. M. Tillaux is of opinion that it is capable of curing the tumours also; to operate on the surface of the skin is not sufficient in such operative measures laid or rest in the history of bones, where it had penetrated as far as the inner cases, the tamour must be traversed by threads impregented with vaccine matter. He cared lately in this way at the Luriboisière an creetile circumstances in which he prefers a bloodless pro- ingitis appeared, and she died on March 21. tumour of the size of an almond. M. Sée observed that not the summit but the base of the tumour should be vaccinated, and that it should be surrounded with vaccinal punctures. For a tumour of 2 centimetres thirty or forty subcutaneous panetures should be made. When a child has many such tumours, all should be treated, or the one able to tie the bloeding vessels (as in fistule sit- reaching on each side over the tuberosities of the neglected will be upt to undergo rapid development. M. Chassaiguae has seen the 'chaplet of vaccinations' twice, fail completely. He fears erysipelas and troublesome hemorrhage, and thinks it better to adopt decisive measures. Tanner and M. Guérrot spoke of the occasional occurrence in newborn children of vascular points, which disappear if left alone, but which, if treated by canterisation, &c., leave the cicatrix.

COMPRESSION AS A MEANS OF PRE-VENTING HEMORRHAGE

Mr. George W. Callender (British Medical Journal, November 1, 1873) thinks there are some conditions in which the use of M. Esmarch's plan for the prevention of Lemourhage during operations by encircling the limb or part with an clastic bandage is not desirable. Cases where there is any suspicion of local vein disease are of this class; so, too, are cases in which primary amputation is required for the crushing of tissues, as in such the torn veins are closed with clots which might possibly be displaced by the compressing bandage, and so pass into the larger vessels, causing embolism; and so also are cases of gangrene or of rapidly extending cellular inflammation. The expectation that the compression might prevent pain has been tested and has failed. but there is no reason to suppose that it engenders risk of the after-sloughing of parts, as of the skinflaps after amputations. It may be serviceable in quite another direction,—as a compress in the immediate treatment of poisoned wounds. Dr. W. R. Kynsey reports (Irish Hospital Gazette, November 15, 1873) three cases in which this method was employed with great success: one of necrosis of tibis, one of amputation of a toe, and an excision of the elbow. There was no loss of blood, no necessity for the use of a sponge, and each structure before division could be easily recognized.

Dr. W. Thomson reports a case of amputation of the hand where the best possible results were fear. Her statement that she had not removed obtained by the use of compression.

ON THE ELASTIC LIGATURE BY PROPESSOR DITTEL OF VIENNA.

In dividing or entirely removing parts of the human body, there has been a general concurrence among educated surgeons as to the use of the knife; for, with this instrument in his hand, the surgion can determine on his course of action. while at any moment he can give it the direction in which his object may be best attained. The knife will indeed always 'remain the established instrument, when aresen-flecks, the bersseur, and the constrictor have long belonged to the class of surgery.

And yet the surgeon is sometimes placed in ecceding to the making of a wound; for example, ! and canals which are out of sight, or which are ing of the dura mater at the points where the so narrow that it is extremely difficult, if not im- loss of substance in the bone was greatest. The possible, to use cutting instruments within them. furrow in the soft parts corresponded with a furor when he feels uncertain whether he may be row in the bone below the occipital tuberosity. uated high up). In other cases, he will desire to frontal bone, and thus forming a complete circuavoid bæmorrhage and the formation of large lar furrow in the skull. The furrow formed an wounds in children or in old persons.

For a long time, in common with many other surgeons, I have removed mevi in children through the induction of artificial gaugrene, by introducing insect-pins through the skin behind the vascular growth, fastening them all round with strong waxed threads, and strangulating the base thus, as it were, artificially produced. Around the single needles oval or figure-of-cight turns were thus made, so as to compress the ves- the child to loosen the hair-net), I learned that sels leading to the part, and produce gangrenous an elastic cord is excellent for use in the division destruction of the tismes by arresting its nutri-

In November, 1872, I was consulted by a ricketty woman, who had with her her first child, five months old. It had, on its right temporal region, a roundish vascular growth, having a base from 2 to 21 centimetres (about four-fifths of an inch to an inch) in diameter. I carried a strong insect pin through the base, and also two others, one on each side-three pins in all being thus introduced through the tumour-and over these I twisted turns of waxed thread in the way described above. As usual, I had to correct the shape of many pins which had become bent, before the affair was in the state which was desired. After some days, the circular ligature had cut into the part, and lay, with the needles, imbedded in the suppurating furrow. I should now have drawn the ligature tighter, to make the fallingoff of the tumour more sure. There then occurred to me the history of a girl, aged eleven, who had fallen a victim to the refined wickedness or the extreme carclessness of an unkind stepmother. This child, Marie Kramer, was admitted into hospital on March 5, 1872. She had an extremely neglected appearance. Her hair, dirty and full of vermin, was fastened in a net; her face was pale, and her look timid. She answered questions imperfectly and with hesitation, manifesting, evidently, that she felt herself in her hair-net for about a fortnight, in consequence

of the order of her mother, was not absolutely believed. As she complained of head ache, the head was more carefully examined; and I found, in the part corresponding to the edge of the net. a suppurating furrow, at, the bottom of which, after carefully washing away the purulent scabs, I discovered the fine elastic thread with which the hair-net had been fastened. This thread was visible in some parts; in others it was deeply imbedded and overgrown with granulations; and in some parts it lay deep in the corroded hones, especially the occipital and right parietal table. Although the furrow very soon granulat. od under ordinary treatment, symptoms of men-

The necropsy showed not only a high degree of when he has to undertake operations in cavities general anamia and meningitis, but also sloughalmost complete chasm in the bones, so that the portion of skull lying above the furrow was connected with the bones below it only, by means of remaining bridges, the whole length of which was ten or twolve centimétres-ithe pircumference of the head at the part being forty-two cenand the first state of timétres.

From this act of base wickedness (for I found on inquiry, that the stepmother had not allowed of tissues. And now, instead of tightening the thread in the case of my little patient abovementioned, I applied a caoutchouc drainage tube all round the pine. Eight days later the mother brought in the child, which had borne this limture much more easily than the thread. The vascular growth bad fallen off; and in its place was a healthy granulating surface, the circumference of which was already beginning to be covered with a cicatricial membrane. This result led me to make further researches with the drainage tubes; and I have since then used them in the treatment of nævus, fistula ani, prolapsus ani. sinuses, cancer of the breast, and in the ligature of arteries.

The proceding is easy, but it requires a certain care and precision, which may soon be acquired by patience and attention. The operator must avoid giving unnecessary pain through pulling the cord too tight and dragging on the part, by having the part to be tied supported or held up by an assistant. The ligature must, of course, be drawn tight, and tied with two knots. The pain produced by the tying is altogether not great, in many cases very trifling, and scarcely ever lasts more than an hour. It is self-evident that the depth of the furrow produced depends on the degree to which the cord is tightened, and on the resistance of the tissues. It is probable that the ligature may be applied less tightly than I have done from fear of failure, as the pressure is continuous until the elastic cord has regained its