## THE TREATMENT OF NEVI BY vacCination.

ML. Marjolin recently advised at the Society of Surgery of Panis that the treaturent of erretile vascular tumours in ehildren, whatever their scat, should be comuyered hy vaceination. IL. Blot (Ginzette dex //öjitinur, (Oct 8), crlls this in question. He thinks vasenlar spots have been confourded with erectile tumoms. Vaceination uny cure these mark, but is powerkss ngainst tumours. DL Tillaux is of opinion that it iecapable of cuing the tumours also; to operite on the sluface of the skin is not sufticient in suc! cases, the tanour mant be thavinot by threads improgimed with vatiau mater: He cancl lately in this way at the fanimisicio an enectile tumour of the size of au almonal. M. See obserecal that not the ruamit inat the biwe of the tumour should be vaccinater, and that it should be surrounded with raccinal pmetures For a tumour of 2 centimètres thintr or forty subentancous punctures shoukl be madi. When a chilh har mang such tumours, all should be tueatel, or the one neglected will le npt to ualugo mpid development. M. Clambssiguar bas ocen the 'chaplet of vaccinations' twice. fail cunpletely. He fears erysipelas nad. troublesome bemorrbage, and thinks it hetter to allopt decisive measures. M. Twaner and ML. Ginéror spoke oi tie occunional occurence in newhom chilitren of vascular:points, which disappear if lefi alone, but which, if treated by cautcrisution, de, leave the cientrix

## COMPLEESION AK a MiEANS OF PLE VENTNG HEMORKHAGE

Mr. George W. Callend.r (British ${ }^{\text {M }}$ Meliural Jourmal, Noveraber 1, 1873) thinks there are some conditions in which the use of M. Esumarel's plun for the greveution of Lemonhage during operations by encircling the limb or pant with an clastic bandage is not desirable. Cases where thare is any suspicion of local vein disense are of this class; Bo, too, ale cascea in which primary amputation is suguirvil for tho crushisig of tissucu, ${ }^{2 s}$ in wuch the torn veins aro closerl with clots which might possibily be displaced by tho compressing bandago, and no pass into the larger vessels, causing eubolism; and wo almo are cases of gangrene or of rapidly extending cellular inflammation. The expectation that tho conmpession might prevent pain has lecen tested aud has failed, but thero is no reason to suppose that it engenders risk of the after-sloughing of parts, as of the skinflaps after amyutations It may bo serviccable in quite another direction,- as a compress in the immedinte treatment of poisoned wounds Dr. W. R. Kyney reports (Irish Morpital Gazelle, November 15, 1873) threo cases in which this method was employed with great success: one of necrosis of tibia, one of amputation of a too, and an excision of the elbow: Them was no loss of blood, no uecessity for the use of a spongo, and each structure befor division could be easily recognized.

Dr. W. Thomson reports a case of amputation of the hand where the best possible results were obtained by the use of compression.

## ON THE ELASTIC LIGATURE

By Protrisor Dittill of Viznsa.
In dividing or eatirely removing parts of the human hody, there has been a general concorrence among elucated surgerne as to the une of the knife ; for, with this instrument in his hand, the sargoon man determinc on his course of action, while nt any noment he can give it the direction in which his object many be best attainal. The krife will indect always 'remain the established instrument, when arcsem-fieche, the écrasear, and the constrichor have long belonged to the class of operative meassmes laid $\because$ rest in the bistory of kurgery.
full yirt the surgeon is sometimes placed in circumstances in which he prefers a bloodlexs poocoeling to the making of a wound ; for example, when he has to andertake operations in caritios and comals which are out of sight, or which are so natrow that it is extremely ditticult, if not iunpossible, to use cutting instruments within theu, or when he feels uncertaiu whetter to may le nble to tie the b'veding vessels fas in fistulae situaterl high nj). In othey cases, he will ilesire to avoid hamorthage and the formation of large wounds in children or in old persons.
For a long time, in common with many other aurgeons, I hare' removel nievi in children throngh tho induction of artificial grangene, by introducing insect-pins through the skin kelind the vascular growth, fastening then all round with strong waxed thueade, and strangulating the base thus, as it were, artiticially produced. Around the single neerles oval or figumof-cight turns were thus made, so an to compress the vee sels leadiug to the part, and produce gingrenous destrinction of the tissnes by arresting its nutrition.

In Norenher, 1872, I was contultel by a ricketty woman, who hall with ber her first child, five monthr old. It had, on its right temporal region, a roundish vascular growth, having a base from 2 to $2 \frac{1}{2}$ entibictres (nhout four-fifths of an ioch to an inch) in diamoter. I camied a strong insect pin throngh the base, and also two others, one on each sido-three pins in all being thusintroducerl through the tumour-and over thaso I twisted turns of waxed thread in the way doscribed above. As usual, I had to correct the slape of many nins which had become bent, before the affair was in the state which was desired. After somo dnys, the circular ligature had cui into the part, and lay, with the needles, imbedded in the supparating furrow. I sbould now havo drawn the ligature tighter, to make the fallingoff of the tumour more sure. There then occurred to me the history of a girl, agod eloven, who had fallen a victim to the refined wickeduess or the extreme carelessncss of an unkind stepmother. This cbild, Maric Kramer, was admitted into hoopital on March 5, 18i2. She had an extremeiy neglocted apposrance. Her hair, dirty and full of vermin, was fastened in a net ; her face vis pale, and her look himil. She answered questions imparfectly and with besitation, manifesting, ovidentily, that she folt bervelf in fear. Her statement that ahe had not ramoved hor hair-net for about a fortnight, in consequence
of the order of ber mother, was not absolutely. believed. As she complainedi of bead ache, the houd was more carefuly exmenired; and I foend, in the part corresponding to the edse of the net, a suppurating furrow, at, the bottom of which, after carefully usshing away the purulent. scahis,. I discovered the fiue ellowic thread with which. the bair-net had hreen fastiden.' This threwd was, visible -in some parts; in othere it was devply', imbeddai aud overgionn with manulations;: rucl in some parts it lay deep in the corroxied hones, csyrecially the occipital and right parietal, hones, where it had peoetrated as far as the inner' table. Althongh the fulrow very sem granulatod under ordiary treatwent, syoptors of men. jugitis apremerl, and she diad on March 21.
The necropsy showal not only a high degnee of porneral anzraia and meningitis, but also sloughing of the durn.mater at the points where the loss of sulstance in the bonewas groatist. The. furrow in the soft parts correaponded with a furrow in the bone below the occipital tulkerosity; reaching on cach side over the tuberasities of tho frontal bowe, anid thus forming a complato cincular furrow in the sknill. The farrow formed an alnost conpletername in the bones, so that the portion of skull lying above the furnow was con: nectell with the bones bolow it auly. hy means of remaining britger, the whole length of winith was ton or twolva centimetros- ithe.pircuraference of the heud at the fart being'forty-two centimétres.

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Fimm this act of bise wickedurss (for $I$ found on inquiry, that the stepmother had not allowed the child to Joosen the hair-net), I learned that an clastic cord is excellent for use in the division of tissnes. And now, instoad of tightening the thread in the case of my little pationt aboviomentionod, I applied a cacuatchouc drainago tube ill romed the pins Eight deys latar the nother brought in the child, which bad borae this ligature much more carily than the thread. Tho vascular growth baul fallen off; and in its place was a bealthy granulating suffaco, the circumforence of which was already beginning to bo covered with a cicatricial membrana. This result led we to make further resoarches with the drainage tubes; and I have since thon nsed them in the treatmont of nevns, fistuls ani, prolapeus ani, sinuses, cancer of the breast, and in the ligatare of arteries.
The proceding is easy, but it requires a ocrtain care and procision, which may soon bo noyuired by paticnce and attention. The operator must avoid giving unnocossary pain through pulling the cord too tight and dragging on the part, by having the part to be tiod supported or held up by an assistant. The ligature must, of course, bo drawn tight, and tied with two knots. The pain produced by the tying is altogether not great, in many cases very trifing, and scarcely over lasts more than an hour. It is selferident that the depth of the furrow produced depends on the degroe to which the cord in tigbtened, and on the resistance of the tissues. It is probable that tho ligature may be applied less tightly than I have done from fear of failure, as the pressure is continuous until the alaatic cond han, regained its

