GEORGE TIEFANN & Co.
67 Chatham Street, Cor. New Chambers St., New York.

AWARDS AT CENTENNIAL EXHIBITION, 1876:
2 First Medals and 1 Honorable Mention at International Exhibition, Santiago, Chili, 1875.
2 Silver Medals and 1 Bronze Medal at International Exhibition, Paris, 1877.

A NEW TOURNIQUET.
By Prof. E. Remarch, of Kiel.

I shall perform an operation (necrotomy, both legs) which would cause a much more profuse hemorrhage than that of yesterday, and I adopt a method which will enable us to completely control the bleeding.

While the anesthetic is being administered, we envelop the lower portion of the limb in oil silk to prevent soiling the bandage; then we bandage the legs tightly from the toes to above the knees with this elastic rubber bandage (A), which, by gradual compression, forces the blood out of the vessels of the limb. Immediately above the knee, where the bandage terminates, we wind the rubber cord of tubing (B) four or five times around the thigh, and join the extremity by means of the attached hook to the chain at the other end. The rubber tubing of cord compresses all the soft parts, including the arteries, in such a perfect manner that not a drop of blood can enter the bandaged portion of the limb.

This tourniquet possesses the advantage over all others, viz., it can be adjusted to any portion of the limb, and the location of the principal arteries need not be considered.
"We now remove the elastic bandaging and the oil silk, and you will notice that both legs, below the tourniquet, present the appearance of the limbs of a corpse, the pallor of the same forming a remarkable contrast to the rosy hue of the skin above. You will also notice that we will operate exactly as though on a cadaver."

"After the operation, the rubber cord is slowly removed, the circulation restored, and those arteries which have previously remained unnoticed, tied. ** The slumbering patient presents the same appearance as before the operation, his pulse is full and strong, and convalescence will no doubt follow much more rapidly and surely than if we had performed the operation in the customary manner.

"The tourniquet can be used with more or less complete success in nearly all operations on the extremities. In extirpation of tumors, in the removal of scrofulous sores or caries, and resections of small bones or joints, you can proceed in the manner I have just demonstrated, viz.: you need not loosen the tourniquet until the wound has been dressed."

Put up in neat boxes, containing 3 yds. elastic webbing and 5 ft. pure gum cord with chain and hook attached .............. $3.75

The same with extra 3 yds. pure gum bandage .............. 5.00

Parties wishing our instruments, and finding it more convenient to obtain them through dealers, are requested to order "Tiemann's manufacture," as otherwise inferior goods are frequently substituted.

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GEO. TIEMANN & CO.,
Established 1829.
Manufacurers of Surgeons' Instruments,
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APPLIANCES FOR THE MECHANICAL TREATMENT OF DEFORMITIES,
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