

A short notice of an improved new truss and other surgical and mechanical aids / manufactured by Thomas Eagland.

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A
SHORT NOTICE
OF AN
IMPROVED NEW TRUSS,

AND OTHER
SURGICAL AND MECHANICAL AIDS,

MANUFACTURED BY
THOMAS EAGLAND,

SURGICAL MACHINIST TO THE LEEDS AND OTHER INFIRMARIES,
35, BOND STREET, LEEDS.

LEEDS :
PRINTED BY D. I. ROEBUCK, 14, BANK STREET.

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1851.

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MR. EAGLAND

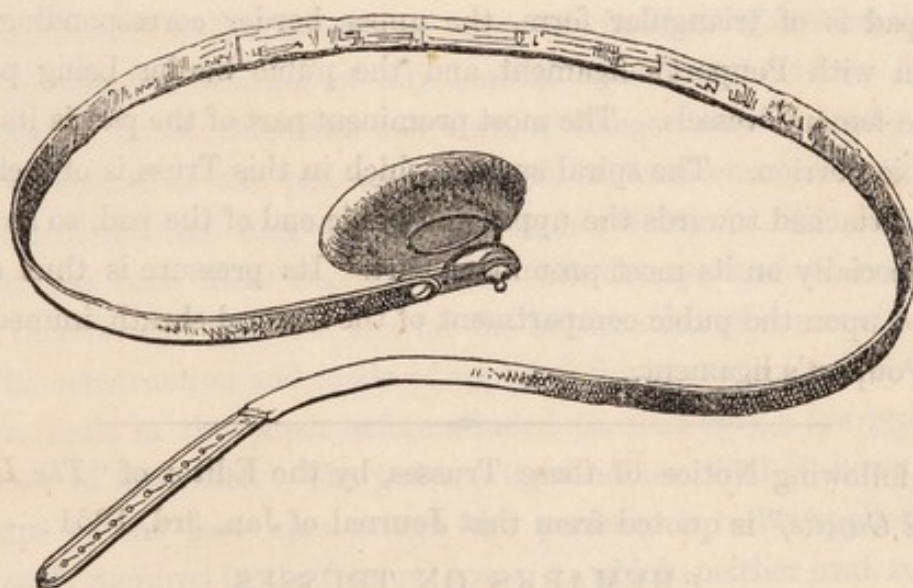
Respectfully invites the attention of the Medical Profession to the following Notice of New Trusses and other Apparatus, manufactured by him at his Establishment,

No. 35, BOND STREET, LEEDS.

TEALE'S TRUSSES.

These Trusses, of which Mr. Eagland is the sole manufacturer and proprietor, were suggested by T. P. TEALE, Esq., F.L.S., Surgeon to the Leeds General Infirmary, and have been described by him in "*The London Medical Gazette*" of Feb. 1st, 1850.

TRUSS FOR INGUINAL HERNIA.



This Truss consists of an elastic girdle of steel, to which is adapted a compress of ivory, or of hard wood, of oblongo-oval form, acted upon by a spiral spring. Its chief advantages consist in the girdle being so formed as to maintain a firm and steady seat upon the pelvis, in the hard pad of oblongo-oval form giving a firm support to the internal ring and inguinal canal, the external ring being left free; and in the spiral spring directing the pressure perpendicularly upon the part requiring support, and allowing the varied movements of the body to be performed without displacement of the pad. Through the medium of the spiral spring, also, the degree of pressure exercised by the pad admits of being modified.

TRUSS FOR FEMORAL HERNIA.



This Truss, like the former, consists of an elastic girdle of steel, and a hard pad of special form, acted upon by a spiral spring.

The pad is of triangular form, the upper border corresponding in its direction with Poupart's ligament, and the pubic border being parallel with the femoral vessels. The most prominent part of the pad is its upper and pubic portion. The spiral spring, which in this Truss is of a circular form, is attached towards the upper and pubic end of the pad, so as to act more especially on its most prominent part. Its pressure is thus chiefly exercised upon the pubic compartment of the femoral sheath, immediately below Poupart's ligament.

The following Notice of these Trusses, by the Editor of "*The London Medical Gazette*," is quoted from that Journal of Jan. 3rd, 1851:—

“REMARKS ON TRUSSES.

“Patterns of all kinds of improved trusses have at various times reached us, and we have been repeatedly solicited to give an *a priori* opinion of their value, either from the theory of their construction, or from the casual inspection of a patient who has worn one. Notwithstanding the numerous improved trusses which have been advertised of late years, including the Soft Pad, the Hard Pad, the Sand Pad, the Moc Main, the Wire Truss, and others, we think that most practitioners still consider it a matter of great difficulty to make a selection.

“The remarks which we are about to make, will, we hope, remove this difficulty.

"In the Journal for Feb. 1st, 1850, we inserted a communication from Mr. T. P. TEALE, Surgeon to the Leeds Infirmary. A truss is there described as manufactured by Mr. EAGLAND, of Bond Street, Leeds, and engravings are also given illustrating the principle of its construction, and its mode of application to inguinal and femoral herniæ. Specimens were at that time sent to us for inspection, but, conformably to the rule we have uniformly adopted, we did not give any recommendatory notice of these trusses, either from the inspection of them, or the reports of others. Their alleged superiority over other hernial bandages, therefore, rested entirely on the statements contained in Mr. Teale's paper.

"One of these trusses was ordered and applied to a case of femoral hernia, to which well constructed trusses of London make had been hitherto applied, but always with the great inconvenience of unequal pressure, and the liability to shift, notwithstanding the use of a thigh strap. In this case Teale's TRUSS has been worn continuously for *eleven months* without any thigh strap. The pad has perfectly maintained its position in all the movements of the body, and the spiral spring connected with it has allowed of as much freedom of motion as is compatible with the wearing of any hernial bandage whatever. During a like period, before this truss was worn, a change in the ordinary truss, or some alteration of the pad was required, at least once in three months. The result of the long-wearing of Teale's truss in the case of this patient has been most successful and satisfactory; and we consider it a duty, therefore, to state the fact for the information of our readers.

"The construction and mode of applying this truss are so well described by Mr. Teale in the paper before alluded to, that only a few remarks are required in this place. The pad is a light hollow shell of ivory, adapted in shape to the part upon which the pressure is to be applied—a plan eminently required in the femoral space, to which neither oval, round, nor flat pads can be so adapted as to preserve their position without a thigh strap, or some other incumbrance, such as increased strength in the spring, thus causing undue pressure. The spiral spring prevents the pad from moving with the girdle, and thus allows great freedom of motion without risk. We have here the art of the mechanic united to the anatomical science of the surgeon; and we feel bound to state that Mr. Teale has not in any respect overrated the value of this truss.

"Our readers are no doubt aware that there is a strong *esprit de corps* among surgical mechanics. Each metropolitan maker has his favourite truss, with duly endorsed testimonials, &c.; all others are ignored, and we

doubt whether a provincial maker has the smallest chance of insinuating a good article into metropolitan practice, owing to the combination of the trade against him. We do not know how it is with Mr. Eagland of Leeds, but we are informed that there is no one in London who makes his trusses, or who will make them, except probably on the disinterested principle of absorbing all the profit. We have made enquiries of one or two makers, and they have said that they "*know nothing about it*"; or, "*it is only Coles's patent truss*"; or, "*it is an article that a London surgeon would never think of using*," &c. &c. Our readers must be fully aware how a good article may thus be kept from their knowledge,—literally burked,—by this sort of pooh, poohing. How many medical men apply to a maker, without having any precise idea of the kind of truss most worthy of selection, and are therefore easily led to select the favourite of the particular shop!

"It is with regret we learn that these Trusses cannot be procured in London, but only from the maker, Mr. THOMAS EAGLAND, of Bond Street, Leeds. We know nothing of Mr. Eagland, excepting through the paper published by Mr. Teale in this Journal; but we have great pleasure in giving, without any knowledge on his part, this strong recommendation of his Trusses, from our own actual observation of their efficiency. We have no doubt that a more extended trial by the profession will confirm this opinion of their value."—*London Med. Gazette*, Jan. 3rd, 1851.

Note from T. P. TEALE, Esq., F.L.S., F.R.C.S., Surgeon to the Leeds
Infirmary, to MR. EAGLAND.

Dear Sir,—I am very much obliged by the beautiful specimens of Trusses which you have sent me. They are excellent *works of art*, and fully realize my views on the subject of Trusses.

Believe me, dear Sir, yours very truly,

MR. EAGLAND.

T. P. TEALE.

Testimonial of A. S. TAYLOR, Esq., M.D., F.R.S., Prof. of Medical Jurisprudence
and Chemistry in Guy's Hospital.

I consider the Ivory Pad Truss made by Mr. THOMAS EAGLAND, of Leeds, to be a considerable improvement on the Trusses ordinarily used. In one case of femoral hernia under my observation, it has been worn for a considerable period without slipping, or giving rise to that unequal pressure which constitutes a serious objection to other trusses. It has been worn without a thigh strap, and with great comparative comfort by the patient. I can, therefore, confidently recommend this truss to those who are afflicted with hernia.

Cambridge Place, Regent's Park, Dec. 20, 1850.

EAGLAND'S SPINAL SUPPORT.

This apparatus has been found of great value in the treatment of the various forms of curvature of the spine. Its chief recommendations are, its simplicity, lightness, and efficiency. When worn, it is completely concealed by the ordinary dress. For testimony in favour of his "Spinal Support," Mr. Eagland is authorized to refer to many of the first members of the profession, and also to ladies of the highest respectability who have worn it.

EAGLAND'S BANDAGE FOR PROLAPSUS OF THE RECTUM, AND HEMORRHOIDS.

This instrument, consisting of an ivory pad, acted upon by an elliptic spring, was invented by the father of Mr. Eagland, (the late Mr. J. B. Eagland, of Leeds). Its efficiency, in supporting the relaxed coats of the rectum, and the dilated hemorrhoidal veins, has been abundantly proved by the experience, during many years, of several of the most eminent members of the profession.

MR. FREDERICK SALMON, in his PRACTICAL OBSERVATIONS ON PROLAPSUS, in reference to this instrument, speaks of it as "the best apparatus he knows of," "which, whilst it affords a support adequate to retain the prolapsus within the sphincter, at the same time yields, from the manner of its construction, to the various positions of the body, so as not to produce any degree of local irritation. Altogether it is a most useful invention."

EAGLAND'S EXTERNAL UTERINE SUPPORT, OR PERINEAL TRUSS.

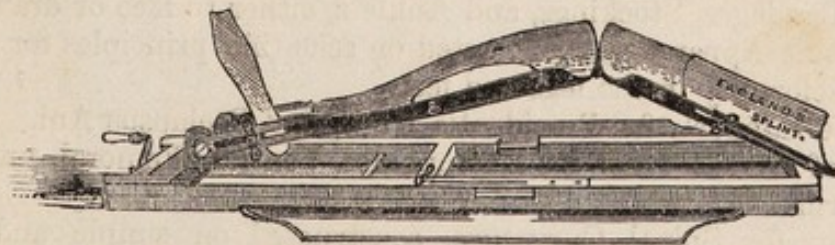
From the inconvenience and injury produced by *internal* pessaries, it has become an object of great importance to devise an instrument, which, by external pressure, is capable of preventing the falling down of the womb and vagina.

This object is fully attained by Mr. Eagland's External Uterine Support. This instrument consists of an ivory or box-wood pad, adapted to the size of the perineum and vulva, and acted upon by a spiral spring. It is extensively used both in hospital and in private practice. Mr. Eagland holds testimonials of the highest order in favour of it from many of the first Medical Authorities, metropolitan and provincial.

This instrument with a smaller pad, has been found of great value for compressing the urethra of the male subject in cases of incontinence of urine.

EAGLAND'S KNEE-JOINT EXTENSOR.

This apparatus was first constructed by Mr. Eagland for a patient in the *Leeds Infirmary*, afflicted with rigid contraction of the knee-joint. It was employed in this case, and numerous others, with perfect success, and to the entire satisfaction of the Surgeons of that Institution.



It consists of a moveable double-inclined plane of metal, so constructed as to admit of elongation both in the leg and thigh-part. This rests upon a horizontal frame of wood, in which provision is also made for lengthening or shortening, so as to meet the requirements of any ordinary case. At the foot of the horizontal frame (and so that the adjustment cannot interfere with the patient) is fixed a powerful screw, on which, by a peculiar arrangement, the foot board of the apparatus rides, by which means extension can be gradually made either in a slight or more powerful degree.

This instrument has been in regular use at the Leeds Infirmary and Dispensary, as well as many other public Institutions, and Mr. Eagland possesses strong testimonials in its favour, from

S. SMITH, Esq., F.R.C.S., Senior Surgeon to the Leeds Infirmary.
 W. HEY, Esq., F.R.C.S.,
 T. P. TEALE, Esq., F.R.C.S., } Surgeons to the Leeds Infirmary.
 J. P. GARLICK, Esq., F.R.C.S., Senior Surgeon to the Leeds Dispensary.
 W. R. CASS, Esq., F.R.C.S., Surgeon to the Leeds Dispensary.

Mr. Eagland begs to refer to the following Medical Works in which his Instruments and Apparatus are favourably noticed and described.

Dr. BRADLEY on Spinal Cases.
 BEALE on Distortions.
 Practical Treatise on Hernia. By T. P. TEALE, F.L.S., F.R.C.S., &c.
 Paper on Trusses. By T. P. TEALE, F.L.S., F.R.C.S., &c., in the "London Medical Gazette."
 BRAITHWAITE'S Retrospect of Medicine, Vols. XIII. and XXI.
 HEY'S Surgery.
 LAFOND on Hernia.
 Practical Observations on Prolapsus. By FREDERICK SALMON, Esq., Surgeon to the Fistula Infirmary, London, &c.
 COOPER'S First Lines on Surgery.
 LONDON MEDICAL AND PHYSICAL JOURNAL.
 LONDON MEDICAL GAZETTE, &c., &c.

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Elastic Bandages, Stockings, and Anklets, either to lace or draw on.

Orthopædic Apparatus, constructed on scientific principles for every kind of deformity in the legs and feet.

Improved Supports for Procidencia Uteri, and Prolapsus Ani.

Trusses of various kinds for Exomphalos, Ventral, Femoral, and Inguinal Hernia.

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