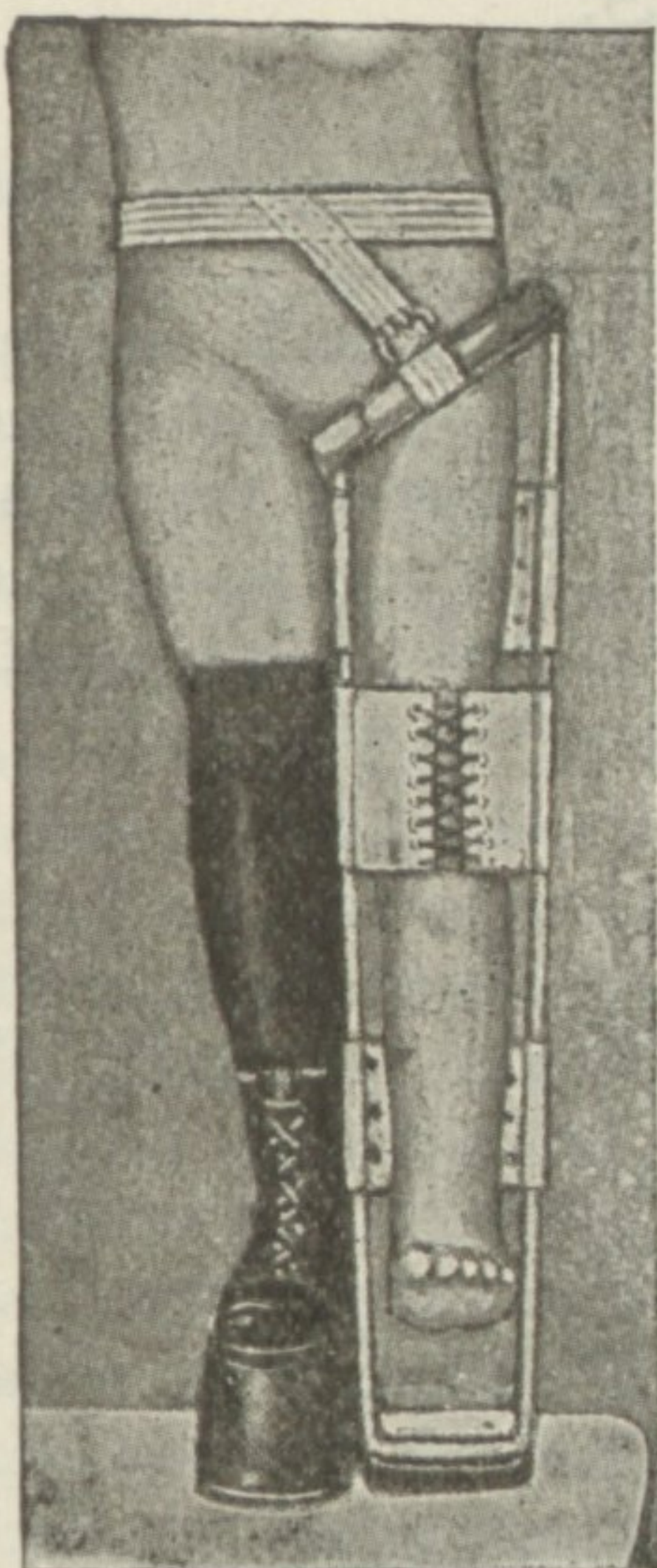


ORTHOPÆDIC APPARATUS.



2391B THOMAS KNEE SPLINT.

This splint is in effect an ischiatic crutch. It takes the weight of the body on the inner segment of the padded metal ring, on which the tuberosity of the ischium rests, and transmits it through the rigid round steel side bars to the ground. The brace is about three inches longer than the limb; the difference being made up by a high sole on the well side. This enables the patient to walk without putting any weight on the hip, knee or ankle joints of the affected side.

The leg is secured in place by many turns of a bandage or by a leather lacing, which is designed to hold the knee in the extended position. If, however the knee is very sore, or if there is much tendency to flexion, it is much better to separately immobilize the joint by a plaster bandage extending from above the ankle nearly to the crotch. The ring in the picture is purposely made large enough to admit the leg encased in plaster. It is also well in the acute cases to apply adhesive plasters to the sides of the leg, which may be buckled into straps fastened to the bottom of the brace, in order to produce extension. In cases where these extension straps are not needed, the apparatus may be suspended from the opposite shoulder by a strap buckled to the ring in front and behind.

In all cases it is best to reduce the deformity, if any exists, by special treatment during recumbency, before permitting locomotion with the splint.

Used in the way indicated, this simple apparatus is well adapted for the treatment of certain stages of ostitis of the knee, ankle and tarsus.

Price to patients, (according to size and finish);.....\$8.00 to \$12.00

“ for high Cork Shoe “ “ “ “ “ Net.....\$5.00 “ \$8.00

To measure the patient for this splint, give the circumference of the thigh on a slant following the gleuto-femoral crease and the groin, (not too tight); the circumference of the abdomen, knee and calf; length from crest of illium to sole and perineum, to sole of foot. Also measurements of sound leg, if the diseased limb is shortened or flexed. Measurement for high shoe as is shown on Fig. 2400.

2391C THE RIDLON-THOMAS KNEE SPLINT.

This splint is similar to the above, but is shorter and is fastened to the sole of the shoe. With this appliance no high shoe is used, and in slight cases answers the desired purpose. Price is the same as the above Thomas.