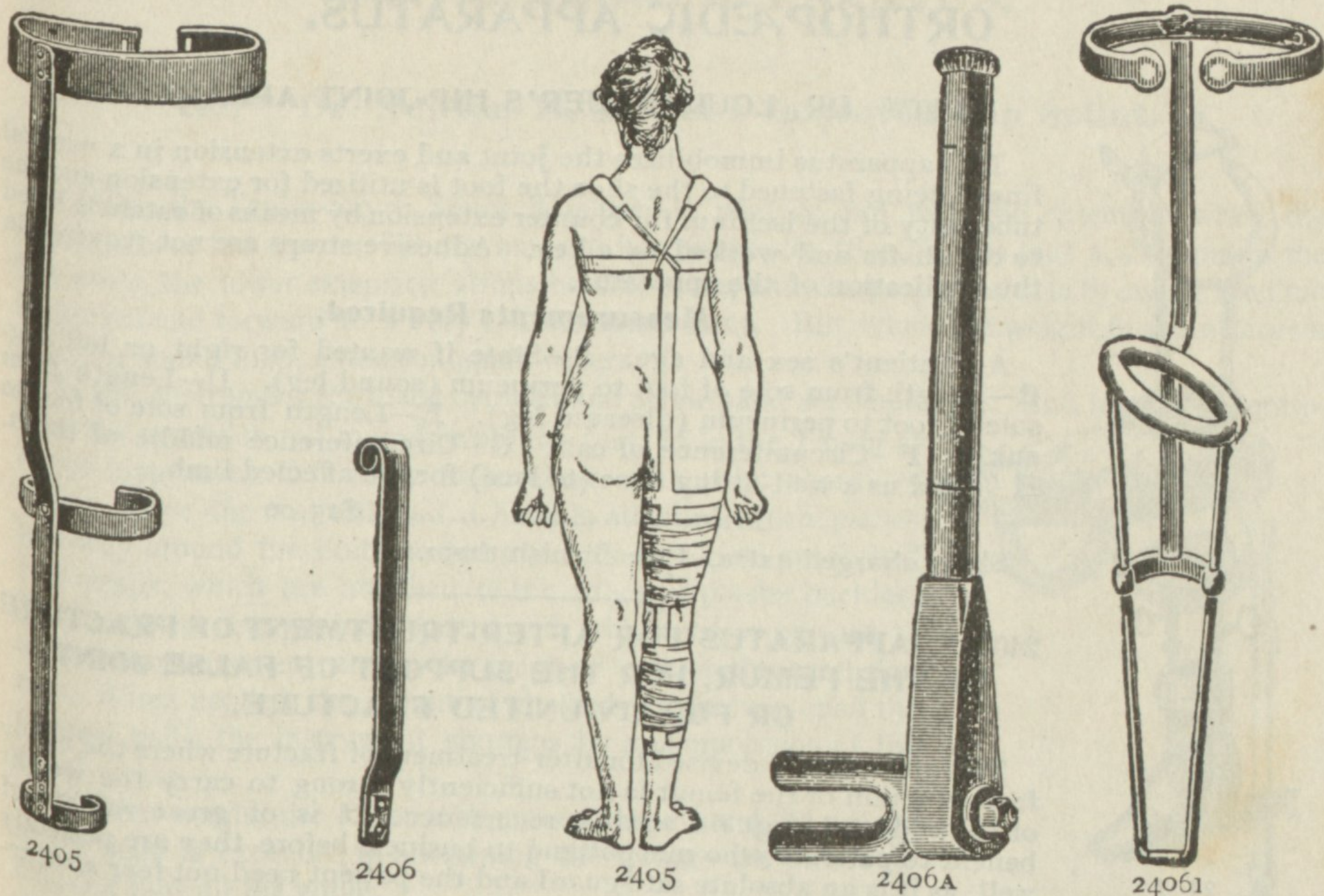


ORTHOPÆDIC APPARATUS.



2405* DR. THOMAS' HIP SPLINT. (As used by Dr. Ridlon.)

This splint is designed to immobilize the hip joint by an antero-posterior leverage action. It consists of a main stem which passes from the lower angle of the scapulæ down the back posterior to the hip joint, and down the back of the thigh and leg to the middle of the calf or somewhere below that point. A band nearly encircles the chest below the arms, and bands also encircle the thigh and leg. The body portion and the leg portion of the main stem are straight and follow parallel lines. The distance that these lines are separate depends upon the size and fatness of the patient. When it is desired to prevent an unruly patient from getting up and walking, an extra piece called a "nurse" (Fig. 2406) is screwed or bolted to the lower end of the main stem, but so as to pass free of the heel and long enough to extend twelve or fifteen inches below the foot. The splint is applied by opening out the circumferential bands and slipping it under the patient from the affected side as he lies on his back. The bands are then bent to fit accurately around the chest, thigh and leg, those on the inner side of the thigh and leg that of the chest towards the unaffected side being drawn closer than the opposite bands to prevent the splint from shifting around to the side. This can usually be satisfactorily done with the hands, or a couple of monkey-wrenches may be used, but in large patients and those with exquisitely tender joints it will be necessary to use the wrench to properly adjust the bands.

The triple-action ratchet wrenches are sold in pairs. (Fig. 2406A).

With one wrench the splint is held and with the other it is bent. By turning the nut at the end of the handle the fork may be locked so that there is motion only to the right, or only to the left, or in neither direction. Aided by these wrenches the splint can be applied to the patient as he lies in bed without lifting or moving him in any way. The entire splint is padded and covered with leather. An extra wing, or half body-band is used for overcoming adduction or abduction.

Measurements required: Name, age and weight of patient. Length from axilla to middle of calf. Circumference of chest. Circumference of upper thigh. Circumference of middle calf.

Fig. 2405* Thomas' Hip Splint.....\$10 00 to \$12 00

Fig. 2406* Nurse for Thomas' Hip Splint\$2 00

Fig. 2406A* Wrench for Thomas' Hip Splint, per pair\$12 00

Fig. 2406B* Ridlon's Protective Splint. This instrument combines the Thomas' knee and hip splints. Perfect immobilization is secured while the patient's weight is taken on the perineal ring. The shoe is attached by a socket.

Directions for measurements, same as for Fig. 2410 B.

Ridlon's Protective Splint.....\$20 00 to \$24 00

For terms see page 7.