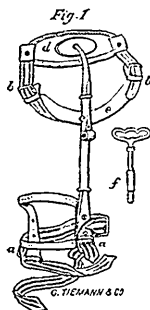


DR. SAYRE'S APPARATUS FOR HIP JOINT DISEASE.

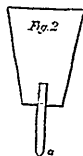
This apparatus consists of two portions, the upper (Fig. 1 c) made of corrugated steel, attached by means of a universal joint to a pad of proper size (d) fitting on the dorsum below the crest of the ilium, and holding in place a perineal band (e) adjustable by strong webbing and buckles (b b).



The lower Portion f, is simply a ratched bar, sliding within the first. Its inferior extremity is easily adjusted by means of a single screw to either side of two semi-circular bands (a a) embracing the thigh just above the knee, making the apparatus answer for both limbs. The cut represents the same arranged for the left leg. Extension is made by working the Splint with the key f.

The necessary measurements in ordering the above are.—

1. Length from Trochanter major to kneejoint.
2. Circumference of Thigh three inches above knee.



The application of the splint is as simple as its construction.—Take strong adhesive plaster, spread on twilled muslin, cut two fan-shaped pieces (Fig. 2), one large enough to reach from the perineum to within two or three inches of the condyle of the femur, on the inner side of the thigh, the other from the trochanter major, to a point directly opposite the end of the inner plaster. Sew on the narrow end of each, Fig. 2 a, one of the webbings, represented Fig. 1 a a (not on the sticky side). Apply them to their respective places, and after pressing them with the warm hand, to obtain firm adhesion, secure them further by a well-adjusted roller. The instrument contracted, is now laid over the thigh, the webbing Fig. 2 a. firmly fastened over the rollers to the buckles