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ORIGINAL COMMUNICATIONS.

ART. X.—*An Adjuster for Fractured Clavicle*, invented by J. CRAWFORD, M.D., Lecturer on Clinical Medicine, McGill College, &c.

I beg leave to make your readers acquainted with an instrument I invented about 18 months ago, for the purpose of retaining fractured clavicles *in situ*, an object which I need scarcely say is rarely attainable by any of the contrivances hitherto in use.

Although a slight deformity and shortening of this bone may not impair the usefulness of the arm, it must be an object to prevent any deformity, especially to a female, and to remove an opprobrium from our art.

The apparatus most generally employed, "The *figure of 8 bandage*," with a pad in the axilla, and a sling for the support of the forearm, having for its object the projection of the point of the shoulder from the side, and with it the scapular portion of the fractured clavicle, and also keeping back the shoulder, is universally admitted to be not only inefficient, but also very disagreeable; *eighteen yards*, of bandage, tightly wound round the shoulders and chest, is very inconvenient, by confining the motions of the chest, and respiration; and most especially in the female, by compressing the *mammæ* with its endless folds, which are also sure to cause excoriation in the vicinity of the axilla; and unless the folds are made adherent together by paste, soon become loose, and fail to keep the bones *in situ*.

The object and intention of this endless bandage is to keep the shoulders back, while the wedge in the axilla tends to remove the top of the shoulder further from the body; the tendency of the bandage, however, will be found to *draw the scapula towards the sternum*, thereby causing an overlapping of the fractured ends, and *counteracting* the object aimed at. All other contrivances, as Heister's "iron cross," Brasdor's "corslet," Brunninghausen's "leather strap," are mere modifications of the "*figure of 8 bandage*," and possess no superiority over it. They are equally inconvenient, and even more so, while the patient is in bed, and are diffi-