

this wrench is found to be extremely useful. There is practically no limit to the force that can be applied by its use. The limit, indeed, is fixed by the resisting power of the soft tissues, and with the use of the spongy rubber I have never yet seen any considerable injury done to the skin or muscles.

The apparatus, being made entirely of metal, can be perfectly sterilized either by heat or by immersion in antiseptic solutions.

I have not used the instrument in cases of bow-legs or knock-knees, requiring fracture, and so cannot speak in regard to its suitability for such cases. I have, however, not the slightest doubt that sufficient power could be exercised through its use to fracture a bone in a young person, and I think without any undue injury to the soft parts. However, the open operation in these cases is usually so satisfactory, and accompanied by such slight danger, that any mechanism for producing subcutaneous fracture seems almost to be uncalled for.

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