

later on some woollen fabric which will bring up the polish of the stone. The author has found this method of cutting to be perfectly applicable to the hardest oxalate of lime, as well as to the softest phosphatic stones, and even to gall-stones. It is impossible for the stone to fracture. The only case in which any difficulty was ever experienced was one in which a very hard oxalate of lime nucleus was surrounded by a layer of phosphates of very loose formation, around which again was a more dense phosphatic layer. During the sawing of this stone the nucleus worked loose in the centre. The section was, however, satisfactorily completed.



FIG. 2.

An ordinary carpenter's saw with a fair amount of "set" answers admirably. The stone is thickened back, as is found on most surgical

CASE OF U.

The specimen used to illustrate the method described above is a urinary calculus from a patient of this era and this country. Its greatest circumference in the longer diameter is $5\frac{1}{4}$ inches, the shorter diameter $5\frac{1}{8}$ inches. Its shape, being slightly larger at one end, is somewhat flattened. Its weight is 6 ounces and 230 grains.

CALCULUS.

The method of cutting described above is usually of a large size for a urinary calculus. Its greatest circumference is 6 inches; in the longer diameter it is 5 inches. It is a symmetrical oval shape, being slightly larger at one end than the other and somewhat flattened. Its weight is 6 ounces and 230 grains.