

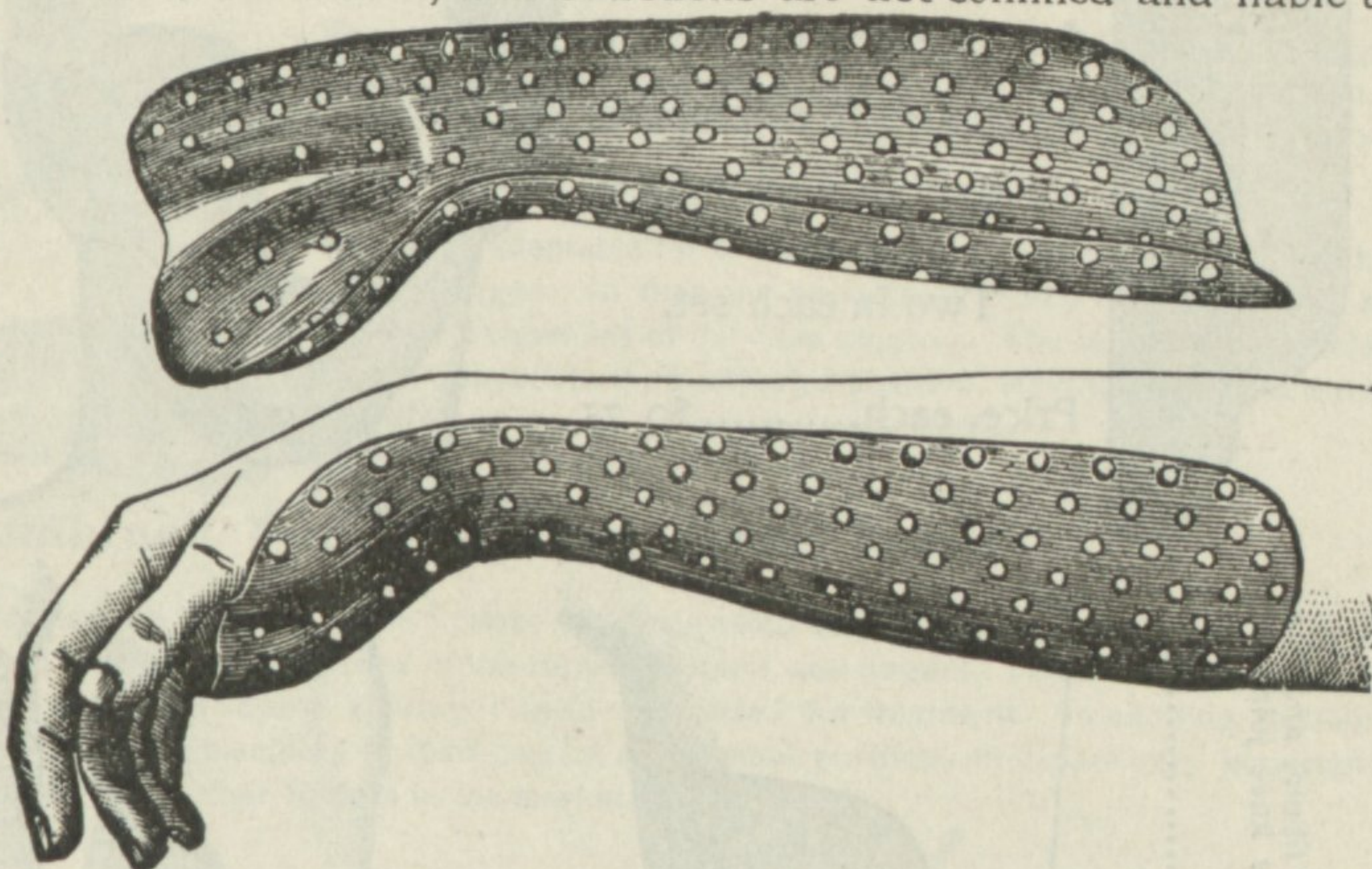
2494* LEVIS' METALLIC SPLINT.

Flexible, Perforated, Nickel-Plated, Conformable to Every Size and Condition of Limbs, Very Light, Indestructible, and Inexpensive. Designed by R. J. Levis, M. D., Surgeon to the Pennsylvania Hospital, and to the Jefferson College Hospital.

The copper used in the manufacture of these splints being less than one-eightieth of an inch in thickness, makes them very light and readily conformable, by bending, so as to suit the peculiarities of any limb, and yet the splints, when applied, are as firm as the heaviest wooden appliances. They fit so accurately that but little padding is required. A piece of woven lint, or of cotton or woolen flannel is all that is necessary for their lining. A slight roughness is left on the outside of the splints, by perforations, to prevent the bandage from slipping.

They are nickel-plated to prevent oxidation. They are invaluable when the parts are lacerated, as the perforations allow ventilation, and secretions are not confined and liable to be absorbed, as in every other kind of splints, but readily pass off through the numerous orifices. They do not become offensive, like those made of porous materials.

These splints are cooler, lighter in weight, thinner in material, more correct in shape, and more perfect in fit than any other splints offered to the profession. They are all made in two sizes—one for adults, and one for children—and all, except the radius, fit the same on either the right or left limb.



The following comprise a complete set, and are ample to apply to any fracture that may occur:

1. Radius Splints, right and left, four in each set, for fracture of lower end of radius.

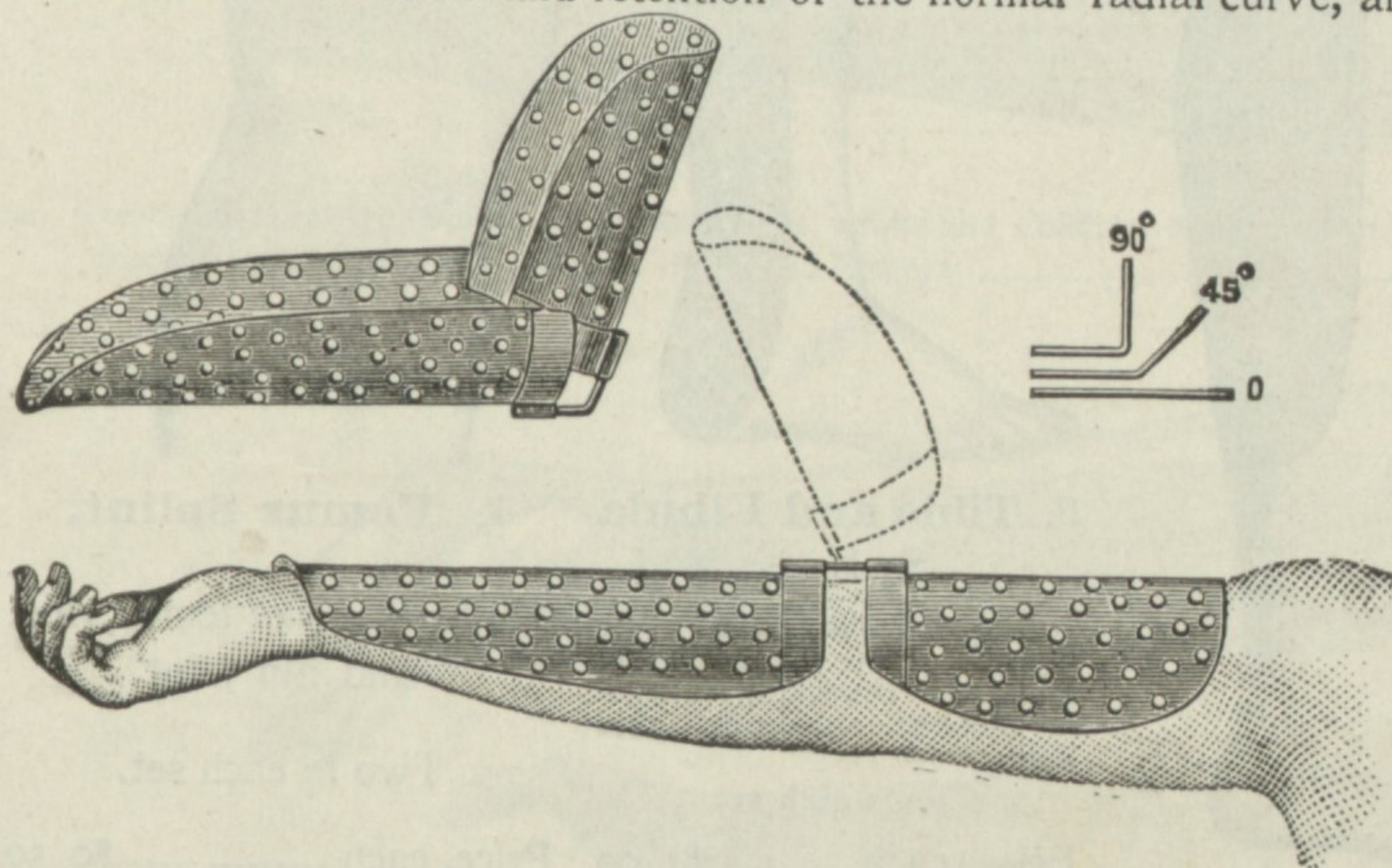
Price, for each piece..... \$1 00

In the treatment of fracture of the lower end of the radius it is essential that proper allowance be made for the curvature of the anterior or palmar surface of this part of the bone. This is insured in this splint, which follows correctly the radial curvature; and the fixing of the thenar and hypothenar eminences of the hand in their moulded beds maintains the splint immovably in its correct position with reference to the radial curve.

To neglect of complete primary reduction of the displacement of the lower fragment, and to inefficient restoration and retention of the normal radial curve, are due the frequent un-

fortunate sequences of this fracture. No dorsal splint is needed, but a small pad will, in most cases, be required over the dorsal surface of the lower fragment. For retention of the splint, an ordinary bandage, two inches and a half to three inches wide, is all that is necessary.

This splint has the merits of being applicable to all cases of fracture of the lower end of the radius, and also to many other injuries involving the forearm and wrist.



2. Adjustable Angular Splint. Two in each set. For all fractures of the elbow joint, and of the arm and forearm, excepting those of the lower end of the radius.

Price, each..... \$1 50

This splint can be applied either anteriorly or posteriorly, and is conformable and adjustable to any angle.

The pieces are detachable, and can be used separately.

This splint is also applicable to diseases and to resections of the elbow joint.