

and Burns reported two cases in which operation was finally resorted to in old separation at the epiphysical line, complicated with dislocation. The cases of Lange and Helferich, however, are unique in that operative measures were resorted to as an immediate method of treatment.—*München. Med. Woch.*, No. 40, 1887.

G. R. FOWLER (Brooklyn).

II. Double Luxation of the Clavicle. By DR. C. KAUFMANN. The great rarity of luxation of both ends of the clavicle at the same time is shown by a study of the literature where we find only eight cases. In three cases (Porral, Morel-Lavallee, Lund) the right clavicle and again as often (North Col and the Author) the left clavicle was dislocated. In two cases (Hutchinson and Gross) we have no data given. In seven cases the injury occurred in men. In all a severe traumatism caused the accident—a severe force acting from behind and externally on the one shoulder while the other shoulder was fixed by a firm resistance. The force caused a pressing together of both shoulders with a torsion of the body around the fixed shoulder in a direction from behind forward. The above applies to four of the eight cases. In three cases a fall on the shoulder is the causal factor. A peculiar tenacity of the tissue of the particular clavicle dislocated is thought by Porral to favor this accident rather than fracture. The aspect of the patient is characteristic after this dislocation and palpation fixes the diagnosis. The functional result was good in all cases after recovery. In one case at least it was possible to replace and retain the bone in position until complete cure resulted. The remaining cases recovered after the manner of non-reduced clavicular dislocations. The double dislocation of the clavicle is more common than the same dislocation of any other bone in the skeleton if we can conclude from cases in the literature. Only isolated cases of double dislocation of other bones are recorded.—*Zeitsch. f. Chir.*, bd. 28, heft 24 and 5.

HENRY KOPLIK (New York)

III. Compound Fracture of the Patella Treated by Suture. By W. F. HASLAM (Birmingham). The patient, a man æt. 30, fell through a skylight on to his left knee, a distance of eighteen