

small pedicle of cartilage, was a portion of the inner condyle of the femur, measuring about an inch and a half in length by three quarters of an inch in breadth, and nearly half an inch in thickness; the whole under surface of which was lined by the articulating cartilage, the remainder being composed of the spongy end of the bone. There was no perceptible escape of synovia, the limb having been kept extended from the moment the injury was received. Notwithstanding the alarming nature of the accident, I decided at once to attempt to save the limb. To prevent as much as possible the shock to the system, as well as to relieve pain, I administered immediately a powerful dose of muriate of morphia to the boy; I then removed with the bistoury the protruding portion of the inner condyle, already so nearly separated as not to justify any attempt to replace it, or incur the risk of effusion of blood into the cavity of the joint by bending the leg; the edges of the wound were brought together by four interrupted sutures, with adhesive straps between them. A splint was placed under the joint, and the limb placed extended in a fracture box, and evaporating ice cold lotions constantly applied night and day over the wound; these were continued for eight days, after which period the lotion was applied without the ice for some days longer.—By these means the fever and inflammation were subdued. On the eighth day the first suture was removed, the next day another was taken out, and in two days more I removed the last two. The adhesive plaster was only found necessary till the thirteenth day, the parts beneath being adherent throughout their extent, after which, Liston's red lotion was applied. There was no suppuration or formation of abscesses, so common in severe injuries about the knee joint. On the seventeenth day after the accident, the wound had nearly all cicatrized. In three weeks from the receipt of the injury, the Patella appearing to have united, the splint was removed, and very gentle passive motion of the limb commenced, without causing pain, which was continued and gradually increased every day afterwards for some time, the limb being returned to the fracture box after the motion. On the 5th of May, being the fourth week, the limb was taken out of the box altogether; by the fifth week, the lad was able to go about on crutches, to bear his weight on the wounded leg, and also to raise the leg by the power of its own muscles. At this time the knee joint remained somewhat puffy and swollen—which state was removed by applying the tincture of iodine. On the 15th of May,