

had ceased for some time; the bones were supported by a gutta-percha splint moulded to the limb, and he was permitted to leave his bed and go about on crutches.

August 10.—Can lean his weight on the limb, union is firm and the splints were removed, the part supported simply by a well-adjusted bandage.

From this date he was considered cured; the strength of the limb gradually and steadily increased—the leg now became muscular, and he soon resigned the use of the crutches. The accompanying wood-cut is from a photographe taken seven months after the operation. At that period he could go about the city, and walk a whole day without fatigue. Shortening was very slight—not over one inch and a half—he did not require a high-heeled boot to compensate for what he had lost. I am indebted to Messrs. R. S. Parker, and E. C. Walsh, for the notes of this case.

The second case of excision was somewhat different in the origin of the disease, and occurred in a young man of robust appearance, who was admitted into the Montreal General Hospital on 18th May, 1866. The following account is from the notes, kindly furnished me by Mr. J. H. Chipman:—William Davis, aged 22 years, a native of Scotland, tall well-developed and muscular, was admitted into the Hospital under the care of Dr. Fenwick.

*Present state* :—The right knee joint is partially ankylosed, the limb is bent nearly at right-angles, he cannot put his foot to the ground, there is a very limited motion in the joint, the patella is perfectly attached to the femur. At the inner side of the thigh, close to the joint, there exists a sinus, which leads downwards and outwards in the direction of the joint, and, on introducing a probe, the bone is found denuded and bare; there are marks of old cicatrices on either side of the thigh, somewhat above the condyles of the femur. From these, he stated pieces of bone had come away on several occasions. He is of medium height, well built, muscular, dark hair and eyes, is well-nourished, does not suffer any inconvenience from his leg, but, from the circumstance of being informed by his medical attendant that he must lose his leg, and from its uselessness in its present condition, he determined to seek assistance in the hospital in our city.

*Previous history* :—About nine years ago he suffered from rheumatic fever; his right knee joint was first attacked, and the other joints in succession, he was three months under treatment before was able to leave his bed, the disease seemed to locate itself in the right knee joint, which remained stiff, and since that period he has suffered from inflammatory attacks of the joint, coming on at intervals of three or four weeks. Three