

was adherent to the bones of the face, and there existed a large opening the size of a crown piece, through which could be seen the tongue and the soft palate. The motion of the jaw was limited, and although he was quite able to pass into his mouth a good sized ball of food he could not masticate properly. He experienced great difficulty in guiding his food, when masticated, into the pharynx, as it would pass out through the opening unless prevented by his hand. This rendered him very miserable, as anything like liquid food would run down his jaw and the side of his neck, and occasionally produce excoriations. The lips were entire; the angle of the left upper lip was curved upwards and inwards and was attached to the superior maxilla, while the lower lip curved downwards and was attached to the inferior maxilla. At the upper and outer part of the gap there existed an opening into the antrum, which was quite visible. Looking at him from the injured side his appearance was very revolting. The poor fellow had to keep the part covered with a pad of linen to prevent the saliva from flowing down the side of his face and neck.

On the 21st of July I performed the following operation. The patient was placed under the influence of chloroform, and with the able assistance of my colleague Dr. MacCallum I commenced by paring very freely the edges of the aperture. The integuments were then separated from their attachments to the superior and inferior jaw bones. The angle of the upper lip was freed, and the lip itself separated from its attachment to the incisive fossa, this gave ample room and the lip came down to its natural position without any dragging or strain on the nose. A large flap, semi-lunar in shape, was then taken from the integument situated over the body of the inferior maxilla and sub-maxillary space, this was perfectly freed and came up and fitted the aperture. The angle of the flap, somewhat V shaped, filled a similar shaped space which was left after turning the upper lip downwards. The angle of the mouth