

the western end, a distance of four or five miles, before he could be received into hospital; the state of depression which always attends the more severe kinds of accidents, and which demand immediate attention, with rest, warmth, and cordials—these could not obviously be used in many cases, until all hopes of saving life were at an end. Again, there is an objection with regard to the situation. It is said that the situation is comparatively a high one, and that the building will be considerably elevated in itself, and being thoroughly ventilated, and properly heated, there is no fear of the baneful influences of malaria. That the proper heating and effectual ventilation of the new building will doubtless go very far to obviate the engendering of the poisonous miasm, which is the curse of the present hospital, we are ready to hope; but that the intended site of the new hospital is completely removed from all the influences of marsh miasmata, engendered by the alluvium drifted down the River Don, and located at the eastern part of the harbour, we are not so perfectly sure. When we consider that during the past summer ague has prevailed very extensively throughout the east part of the city, so that scarcely a house has been free from its visitation, how shall we expect the new General Hospital to escape its influence? certainly the only chance for it to escape is to select the most elevated situation, and to raise the hospital building as high as possible. The known laws of marsh miasma, in this temperate region of ours, leads us to believe that as the atmosphere which holds the poison, as it were, in solution is submitted to the influence of the sun's rays, it becomes specifically lighter and more attenuated, and by a natural law ascends far above us; at this time we take into the lungs, during the act of breathing, a less dose of the poison, not sufficient to contaminate the blood, or to produce any very marked effects upon the constitution. When the sun is high and its influence greatest, then does the decomposition of the dead animal and vegetable matter located in the marsh proceed with the greatest rapidity, then is the