

views of Rosenbach's are now accepted by the best authorities on this subject.

In cases where there are signs of general plethora about the head, Rosenbach highly recommends leeches, and in all such cases it is important that narcotic treatment should be avoided. Stokes, who first observed this phenomenon, says he never witnessed it except in cases of fatty degeneration of the heart and a few weeks before death; Cheyne, however, did not refer the symptom especially to that form of disease. Subsequent observations led them to believe that this phenomenon is not rare, and occurs in a variety of diseases.

This problem rests on a foundation as yet not completely defined. It may be cardiac or renal, or both, as to origin. When the chemistry of the system becomes disturbed through the introduction of abnormal elements of secretion, what an important part arterio-fibrosis plays, or even the introduction of *toxic* elements into the blood, resulting in abnormal actions and reactions on nerve elements, thus interfering with the performance of their normal functions. As time passes on, we may have additional clinical phenomena to guide and direct as to the formation of a positive opinion as to cause and effect in this interesting respiratory phenomenon, but for the present it will be acting cautiously to adopt no hurried conclusions.