

summary of results is as follows: 1. Two-fifths of the palates of idiots are of fairly good shape. 2. Palates of normal individuals may be deformed. 3. In the idiot it is a difference in degree and not in kind. 4. In either case it shows irregular development anatomically. 5. Palates of average children and idiots under eight years of age do not in the majority of cases markedly differ. 6. There is no form of palate peculiar to idiocy. 7. The statement that a T-shaped or other variety of palate is a "stigma of degeneracy" remains to be proved.—*Amer. Med. Surg. Bulletin, May 10th, 1897.*

TRANSILLUMINATION IN THE DIAGNOSIS OF EMPYEMA OF THE ANTRUM OF HIGMORE.—In March, 1896, I saw a patient, a young woman, in whom I found good reason for suspecting the presence of pus in the right maxillary antrum. I therefore made an exploratory puncture with a Lichwitz's trocar through the outer wall of the inferior meatus, and established the diagnosis by washing out the antral cavity with weak carbolic lotion syringed through the trocar, and finding that the fluid as it escaped through the ostium and anterior nares was rendered turbid by a quantity of foul-smelling curdy-looking pus. I had previously ascertained that the nasal fossa was free from discharge. This procedure was undertaken for the purpose of diagnosis only, and it was intended to follow it up by making a permanent opening in the alveolus, but to suit the convenience of the patient this was postponed; and when I saw her again shortly afterwards the one syringing had apparently practically effected a cure, as she stated she had lost her symptoms and had had no discharge. On examining the nose there was no sign of pus, therefore it was decided to defer making the alveolar opening for the time being. Since then I have seen her at frequent intervals, but have never succeeded in discovering any pus in the nares, though she has suffered from slight postnasal catarrh, which made her think that her old discharge was flowing backwards into the throat. The other day she was examined by means of the transilluminator, with the result that a "very decided absence of the suborbital crescent" was observed. I again punctured the antrum as before, and expelled by syringing a very little white curdy-looking matter—certainly not more than half a drachm—quite insufficient I should say to account for the opacity, which I think must have been due to greater thickness of the anterior antral wall on the right side. The idea which suggests itself to me is, Why trouble with the transilluminator in cases of suspected empyema of the maxillary antrum when we have at hand such a simple and certain method of clinching the diagnosis as puncturing? It is practically painless (with the aid of cocaine) and free from danger. I have adopted it in a considerable number of cases