

which they calcify, and are as large to-day as 3000 years ago. Hence, if jaws become too small for the large diameter of the teeth, a break in the dental arch must ensue, and also irregularities of the teeth follow. Few contracted jaws are to be found among the foreign degenerate classes, as seen in our public institutions. In the English-speaking people this is a common stigma. The author in his trip to Moscow visited all countries of Europe except Portugal and Lapland, and in all except Germany, Austria, Holland, France, Norway, Sweden, and England, contraction of the jaws was not observed; in the four first-named exceptions the percentage was very small, in the three last it was very large. In most races of the world the perpendicular line of Camper's triangle has not been reached; in most Scandinavians and Anglo-Saxons it has been reached; the Swedes and English have passed far within it. In New England the same development has been gained as with the English, but not so generally is this true of the Middle and Western States on account of intermarriage with other nationalities. Observations of 10,000 faces from a street corner of London showed 82 per cent. with angles within the perpendicular. Of 3000 London school-children 93 per cent. were beyond the perpendicular. Degeneracy of the human body is brought about by vicious habits, excesses, worry, fright, exhaustion, malnutrition, eruptive fevers after birth—all more efficacious on naturally degenerating structures, such as the face, jaws, teeth, and appendix vermiformis than on other structures. Complete arrest of development of well-formed face or appendix vermiformis may take place as result of a constitutional disease before the sixth year. It may afterwards be transmitted as inheritance. Sufferers from hypertrophied nasal bones, mucous membranes, or polypi, or appendicitis are mostly degenerates. High and contracted vaults are not due to mouth-breathing, but to interaction of evolution and degeneracy. The vault is not pushed up, but is built downward by a lengthening of the alveolar process owing to the long rami. The presence of more than thirty-two teeth is atavism, a return to the type of lowest primates with forty-four teeth. If jaw is arrested, reversion to reptilian type in the V-shape results; or the sides may form the saddle of the carnivoran type—the formation of each being purely mechanical, due to the order of eruption of teeth. The arrested jaw is inherited, but not the deformed dental arch. In 3000 models parent and child were not alike. When the third molar and lateral incisor are missing it indicates degeneracy at conception and arrest of the jaws as well.—*American Medico-Surgical Bulletin*, July 10th, 1898.

THE CONDITION OF THE SALIVARY DIGESTION IN ANÆMIA.  
—Hamill (*Phila. Med. Jour.*, Jan. 22, 1898) states that there has been comparatively little work done as regards the ferment