

Reports of Cases

Dr. Clayton A. Sayers of Syracuse, N. Y. reports the following two cases of Class II, Division I Malocclusion.

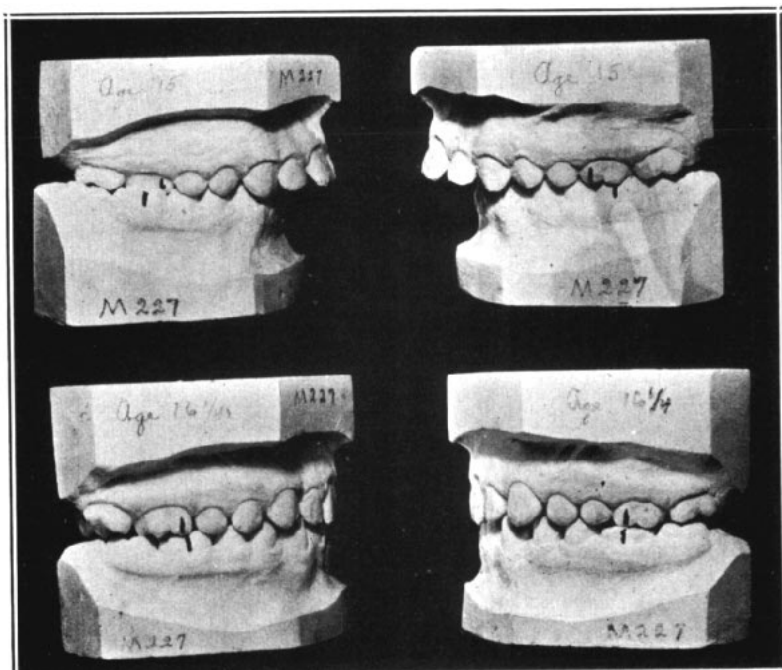


Figure 1

Case M227. Boy, aged 15, weight 116 lbs., height 5 ft. 5 inches. Bottle fed and did not thrive the first year of life. Tonsils and adenoids removed in early childhood. Suffered from measles, mumps and chicken pox. Sucked thumb from infancy up to nearly 15 years of age.

Diagnosis: Malocclusion, Class II, Div., 1.

Case analysis: No apparent lack of vertical development in molar region. Slight supraocclusion of mandibular incisors and canines. Right maxillary first and second molars in lingual occlusion. Overactive mentalis muscle. Thumb sucking.

Treatment. Banded all of the teeth except mandibular second molars. Put buccal torque in right maxillary first and second molars. Used edge-wise arch mechanism on upper and lower teeth in addition to intermaxillary elastics.

Retention: A Hawley plate retainer with a bite plane was used on the upper jaw. The lower canines were banded and vertical planes soldered to their labial surfaces to engage the maxillary canines. A lingual arch was soldered to the mandibular first molar bands. Last photographs and models were made about a year and a quarter after treatment was started.

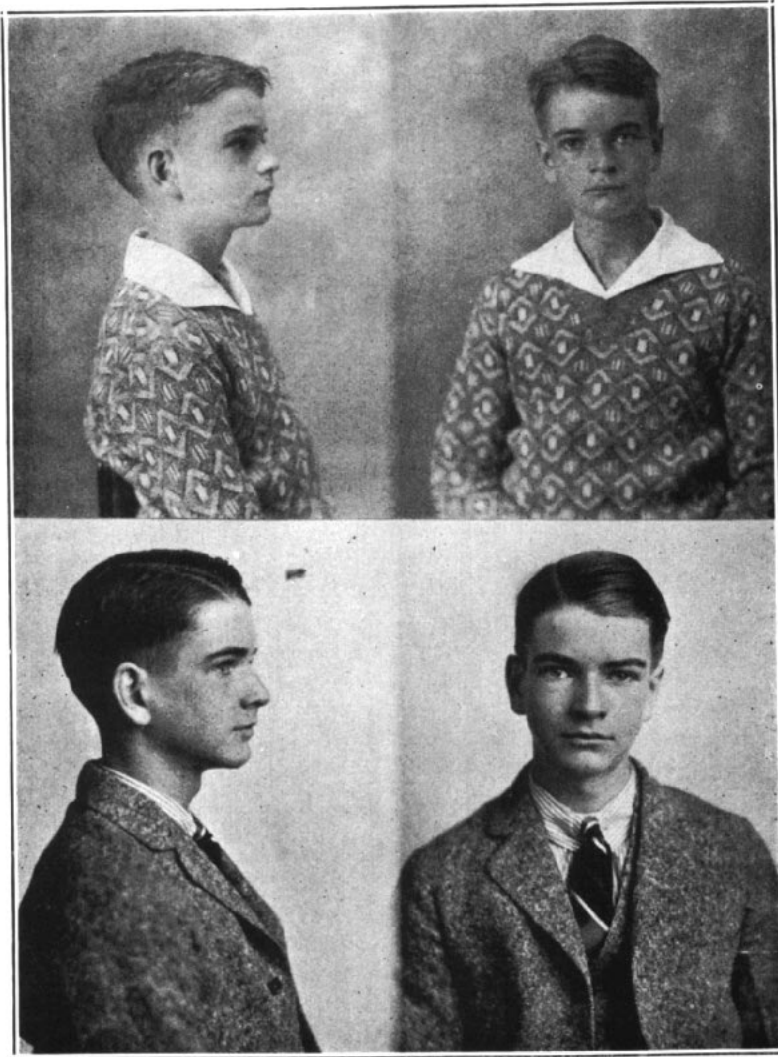


Figure 2.
Photographs of the case seen in Figure 1.

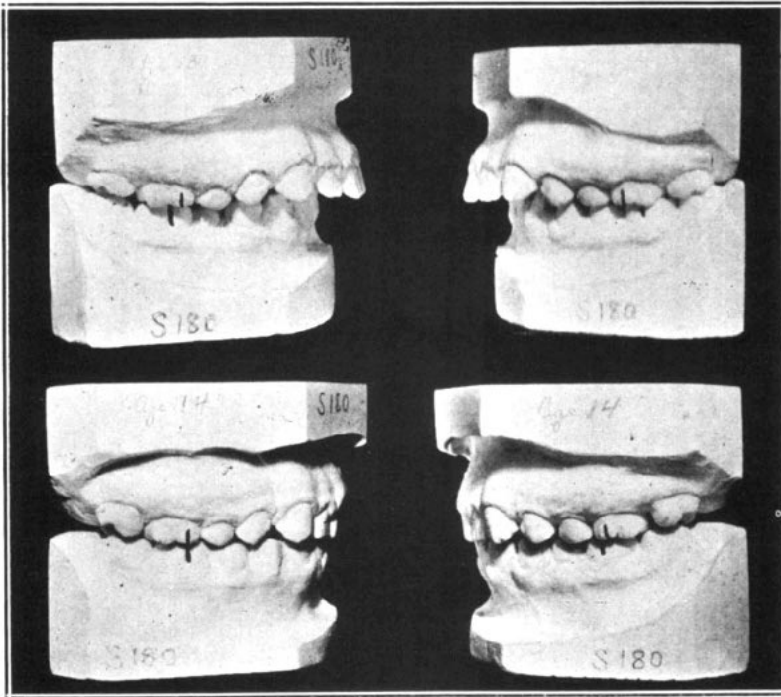


Figure 3.

Case S180. Boy, aged 13, weight 135 lbs., height 5ft. 8 inches. Partially breast fed and bottle fed. Tonsils and adenoids removed at seven years. Had measles, erysipelas, scarletina, and chicken pox.

Diagnosis: Malocclusion, Class II, Div., I.

Case analysis: No apparent lack of vertical development in molar region. Supraocclusion of mandibular incisors and canines. Overactive mentalis muscle, combined with tongue sucking.

Treatment: Banded all of the teeth except the mandibular second molars, using the edgewise arch mechanism in both jaws, supplemented by intermaxillary elastics.

Retention used was the same in the preceding case.



Figure 4.

Photographs of the patient whose models are seen in Figure 3.

Dr. Charles A. Boyd of Los Angeles, Cal., presents the following cases.

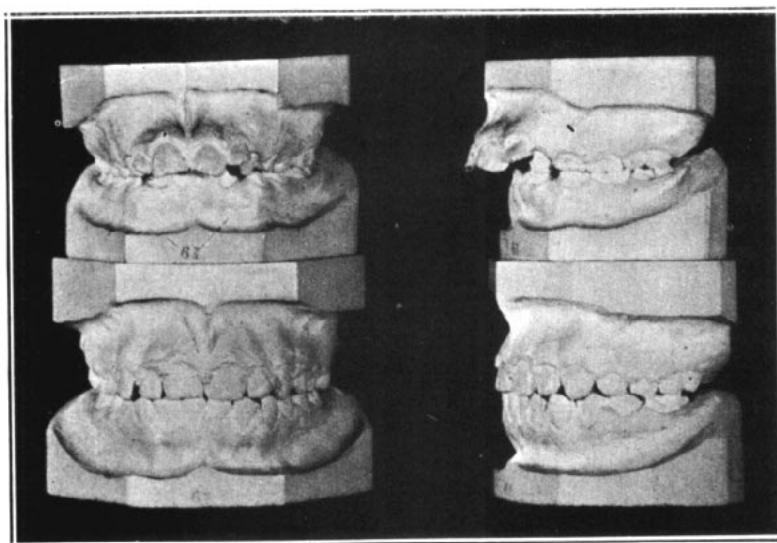


Figure 1.

A Class II, Division I case of malocclusion. The appliance used was the ribbon arch and its accessories.. Active treatment was of 12 months duration.



Figure 2

The photographs of the patient whose casts appear in Figure 1.

Another case of Dr. Boyd's.

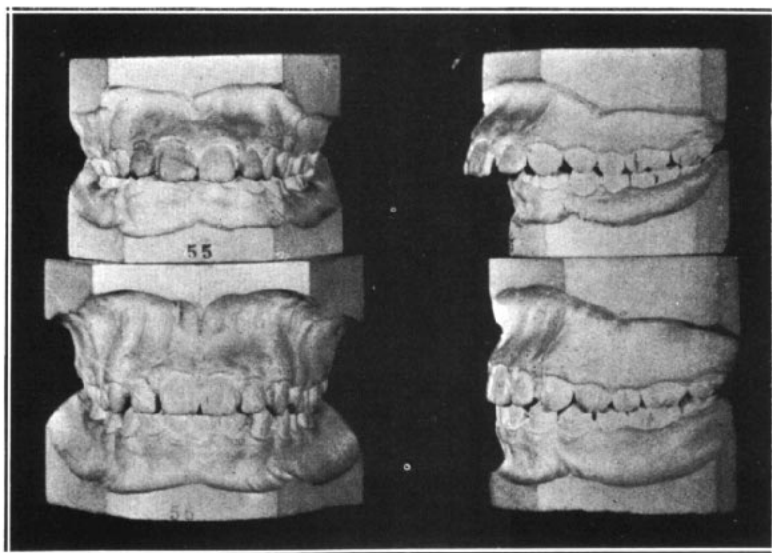


Figure 3

A case of malocclusion in Class I with the maxillary teeth forward of normal position in relation to the skull, simulating a Class II, Division I case. The appliance used was the ribbon arch mechanism and the period of active treatment lasted 12 months.



Figure 4.
The photographs of the patient whose models are seen in Figure 3.