

하악전돌 교정을 위한 Activator 개선에 관한 연구

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Abstract

A Study on the Orthodontic Activator for Mal-Occlusion

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We were usually make use of Viggo activator for orthodontic the state prognathous.

But, it inconvenient for use because demend of long time until orthodontic use finished for restoration of everybody production and function(esthetic, mastication, phonetic). So, we were enough effect obtained for everybody function with this improve.

- 1, Improves Viggo activator inconvenience of insertion and remove.
2. It can be set with considering of functional and esthetics.
3. Get a orthodontics effect without lonf period.
4. Have no convenience to mastication at setting with occlusal correction at anytime.

I. 서 언

가
1936 viggo Anderson
(Activator)가
()
(. . .)
,

II. 재료 및 방법

1. Artifical stone
 2. Plaster
 3. Paraffin wax
 4. articulator
 5. alcohol lamp
 7. spatula
 8. 0.5mm wire
 9. 0.9mm wire
 10. plier
 11. sticky wax
 12. Arcylic Resin
 13. press
 14. plaster
 - 15.
- 1)
 - 2)
 - 3) wire banding
 - 4) Roll plate wax
 - 5) bite check
 - 6)
 - 7)
 - 8) Labial bow wire

- 9)
- 10)
- 11) (polishing)

(11才)

III. 결과 및 고찰

가

viggo activator

가

2~3mm () ? 가
가

가

가

labial bow

1 : wax가 Activator
가

wire가

2 : paraffin wax(2-3) Roll

2

? 가

2~3mm

wax bite

6 가

reduction

check

3 : mounting () Push

6

가

1

5

4 : wire banding(Labial bow pushed wire) pushed bar

IV. 적 요

Viggo Activator

bow

1) activator

gutta percha 가

pushed wire

3) 가

bow technique

2

4)

()

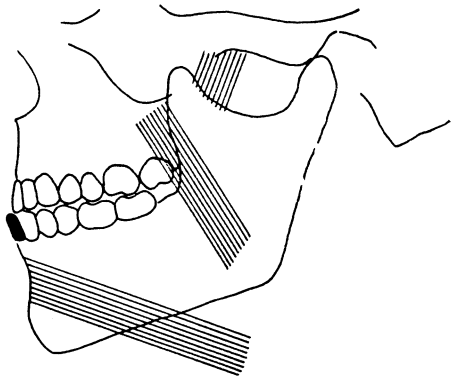
sliding contact

2 Reduction
pushed wire bow 6

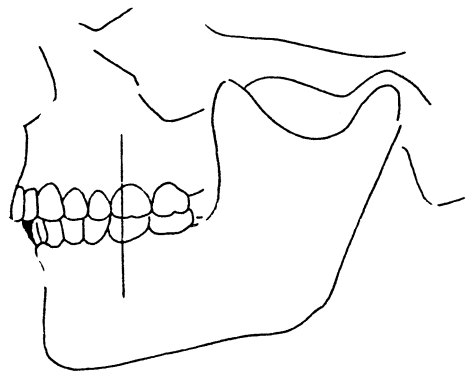
5) appliance가

5 :

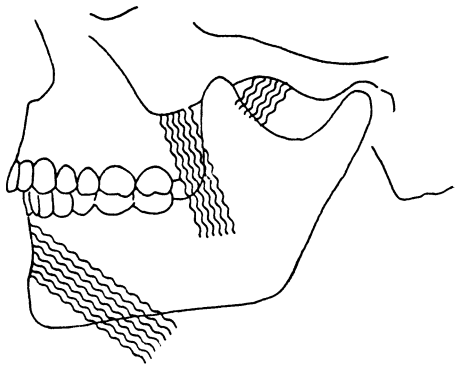
flask Resin



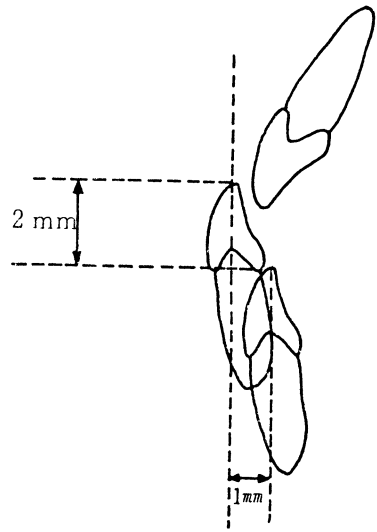
1.



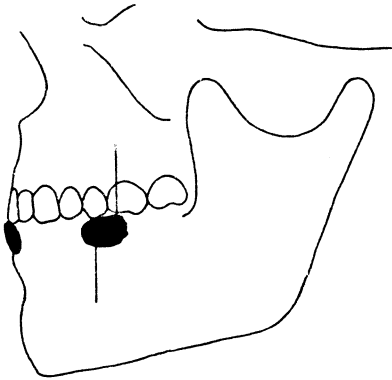
4.



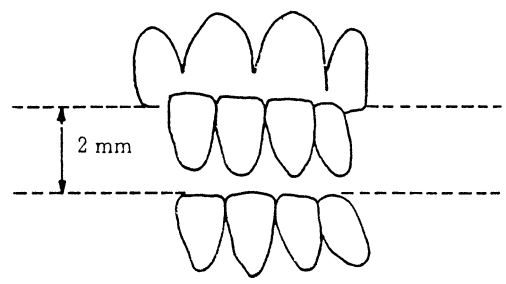
2.



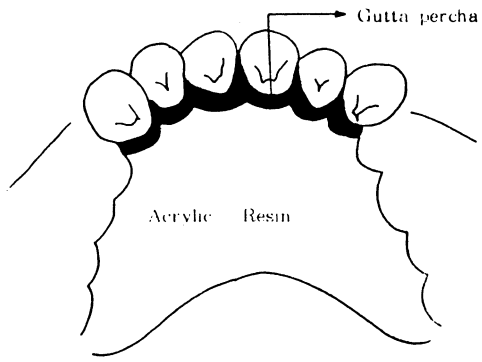
5.



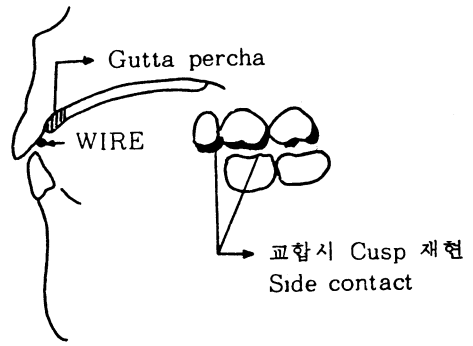
3.



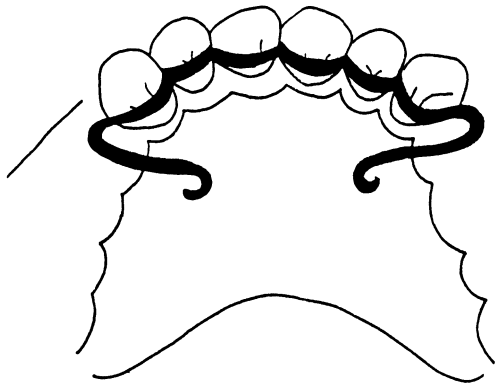
6.



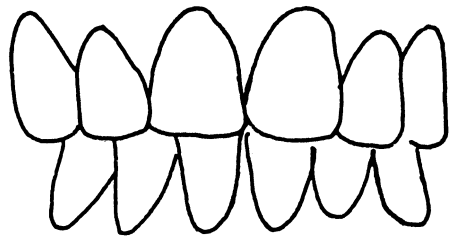
7. Resin Plate



9.



8. Resin push wirebow



10. 가

참고문헌

1. Thurow, Edgewise orthodontics 4 th or, Vigg. Andresen.
2. Jarabak, light-wire Edgewise appliances Vol. I. II.
3. Pitman medical, An Atlas of Removable orthodontic Appliances 2nd, Gordon C. Dickson, & A. E. wheatly.
4. C. philip adams, 1977. The design & Construction of removable orthodontic appliances. 4 th.
5. O' Brien & Ryge, Saunders, An outline of Dental Materials and Their selection. 1978.
6. Phillips ; Element of dental Materials, W. B. Saunders 1977.