

Maxillary Expansion

For the expansion of the dental arch

Maxillary Expansion Appliances, also known as Rapid Maxillary Expanders, are extremely effective appliances in achieving arch expansion in a very short time.

They can be used for adults, however, they are more commonly used in growing children and teens. The treatment length is very quick, due to the cementation of the device.

Construction requirements

- Upper and lower alginate impressions
- ICP bite registration
- Study models should be taken for pre & post treatment records

Expansion appliances have been used by orthodontists for many years and require very little adjustment by the clinician. Treatment times can be very quick if the screw is adjusted correctly.

Rationale

- Creating large amounts of expansion quickly
- Creating space during the development of the jaws for permanent teeth to erupt
- Widening the upper jaw in crossbite cases
- To increase space in the arch to prevent the need for extraction of teeth prior to fixed appliance therapy