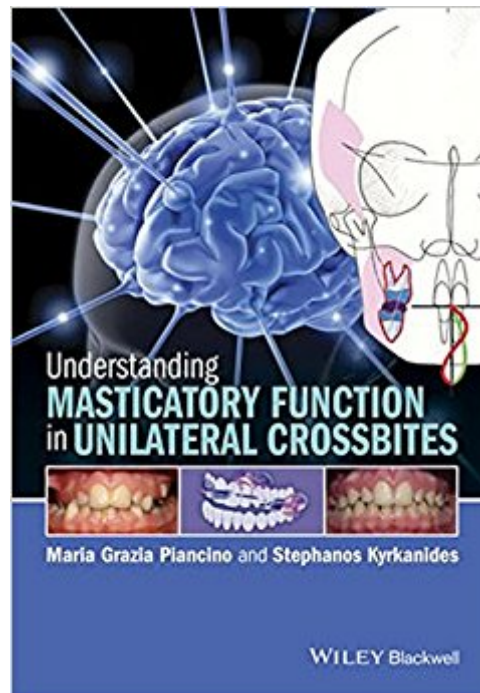


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# Understanding Masticatory Function In Unilateral Crossbites



## Synopsis

Unilateral posterior crossbite is a problem often seen in orthodontic practice, and properly understanding chewing patterns will lead to the most effective treatment program. Drawing on their research and available literature, Drs. Piacino and Kyrkanides present a fascinating look at chewing cycles and their role in the functional treatment of unilateral posterior crossbite. Describes the physiology and pathology of chewing patterns and muscular activation in humans Explains chewing patterns and muscular coordination, and their influence on the growth and harmony of the stomatognathic system Clinical instruction for checking and correcting masticatory function and functional asymmetry in order to prevent the relapse of the malocclusion Clinical cases walk readers through the treatment of seven crossbites

## Book Information

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Average Customer Review: 5.0 out of 5 stars 1 customer review

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## Customer Reviews

"I would highly recommend this book to postgraduate students, specialists in orthodontics, pedodontics, and stomatognathic physiology, and general dentists. It can be a great reference for anyone treating a young patient whose teeth may be developing in a questionable position."  
(AJO-DO May 2017)

Unilateral posterior crossbite is a problem often seen in orthodontic practice, and properly understanding chewing patterns will lead to the most effective treatment program. Drawing on their research and available literature, Drs. Piacino and Kyrkanides present a fascinating look at chewing cycles and their role in the functional treatment of unilateral posterior crossbite.

Understanding Masticatory Function in Unilateral Crossbites starts by broadly defining mastication and the evolution of electrognathography. The book then explains the physiology of masticationâthe chewing pattern and neuromuscular control. From there, the discussion turns to the pathology of the chewing pattern, looking first at various conditions of crossbite before narrowing down specifically to the case of unilateral posterior crossbite. The correction of unilateral posterior crossbite is next addressed, looking at function generating bite, biomechanics, actions and effects, early therapy, and compliance. The final chapter presents seven clinical cases, each describing treatment of a different crossbite.

**Key Features**

- Describes the physiology and pathology of chewing patterns and muscular activation in humans
- Explains chewing patterns and muscular coordination, and their influence on the growth and harmony of the stomatognathic system
- Clinical instruction for checking and correcting masticatory function and functional asymmetry in order to prevent the relapse of the malocclusion
- Clinical cases walk readers through the treatment of seven crossbites

Very good

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