

Definitions of “Occlusion”

Occlusion

„Occlusion of the teeth means the meeting together of upper and lower teeth.”

[J.W. Osborn, Dental Anatomy and Embryology, p.299, Blackwell Scientific Publications,1981, Vol. 1, Book 2.]

Dynamic Occlusion, Articulation, Functional Occlusion

“ If the teeth occlude well in the intercuspal position it is quite likely that they will function well, but during dynamic occlusion this is not always the case.

The curve of Spee and to a lesser extent, the curve of Monson, are therefore necessary for the teeth to remain in contact during all aspects of dynamic occlusion.”

[J.W. Osborn, Dental Anatomy and Embryology, p.299, Blackwell Scientific Publications,1981, Vol. 1, Book 2.]

Malocclusion

- „Malocclusion is the term used to describe states in which the occlusion departs from the normal.

- Malocclusion of the dental arches may occur in any one or more of three planes of space.
- The best known classification is that evolved by E.H. Angle and refers only to the anterior-posterior dimension.

[J.W. Osborn, Dental Anatomy and Embryology, p.299, Blackwell Scientific Publications,1981, Vol. 1, Book 2.]

Disease in orthodontics

Malocclusion is not a disease, but it may lead to various dysfunctions and diseases in head and neck, known as Cranio – Mandibular Dysfunctions, CMD. Dysfunction of an organ or organic systems on the other hand are defined as disease. By this, an orthodontist is able to prevent, or treat specific diseases of head and neck by means of treating specific occlusal dysfunction. This requires additional education in applied functional anatomy, fixed functional mechanics and latest information of Bio-Functional Orthodontics. Straight wire techniques are not suitable for CMD- therapy.