

Propositions accompanying this thesis:

Dental development in children and its influences on craniofacial morphology

1. A secular trend toward earlier dental development was observed in the last half-century. (This thesis)
2. Three novel genetic loci, *IGF2BP3*, *IRX5*, and *PAX9*, are associated with dental development. (This thesis)
3. The thyroid function has a positive effect on the rate of dental development. (This thesis)
4. Tooth agenesis is associated with both delayed dental development and retroclination of the incisors. (This thesis)
5. Advanced dental development is associated with increased sagittal and vertical facial growth. (This thesis)
6. The healthy lifestyle during pregnancy and early childhood are necessary for the optimal dentofacial development.
7. Even in mild cases of hypodontia with only one to two missing permanent teeth, a minor prosthodontic intervention such as a fixed partial denture costs between €2000 and €10 000 per patient (Micheal Behr, 2011).
8. With the evolution of jawed vertebrates, teeth developed on oral jaws and helped to establish the dominance of gnathostomes on land and in water (Andrew H. Jheon, 2013).
9. Genome-wide association studies are revealing associations between common disorders and genetic variants at a fast pace, which urges a common understanding of, and vision for, the possibilities of genetic testing and screening in common complex disorders (Frauke Becker, 2011).
10. Improving statistical methods dealing with the large datasets will be a key to the success of modern epidemiological studies.
11. How terrible is wisdom when it brings no profit to the man that's wise. (Sophocles, Oedipus Rex)