Statement of dental relevant orphan diseases with initial letters A-K

Keywords: orphan diseases, dental-relevant orphan diseases, diagnostic, heterogeneity, Orphanet, ACHSE

Introduction and aim: Orphan diseases are not really rare. In Germany approximately 4 Million people live with an orphan disease. In this Master’s thesis all dental-relevant orphan diseases with the initial letter A-K are listed and with key points verified. This listing should support the sensitivity for orphan diseases in the dental practice and interdisciplinary diagnostic.

Method: The 6906 listed orphan diseases in the database ACHSE were used basically for the listing of the orphan diseases with the initial letter A-K. Therefore exactly inclusion- and exclusion criteria’s were defined. The preparation of the listing was on internet research, literature research, and telephone inquiry of information (ACHSE) and to write medical associations mainly.

Result: 1594 of the 6906 orphan disease could be elaborated as dental relevant with the initial letter A-K. Exactly epidemiological facts are not available based on the incomplete registered orphan disease in national and international databases. Therefor this listing of dental-relevant orphan diseases may be considered as to be updated list.

Conclusion: The listing of dental-relevant orphan diseases can be used to improve the sensitivity for orphan disease and simplify the interdisciplinary diagnostic and medical care in the dental practice. Orphan dental-relevant diseases are not as rare as is widely believed. Through the rapid scientific improvement especially in genetics it will come to an ongoing adjustment of the listing.