



# Centre for Arab Genomic Studies

A Division of Sheikh Hamdan Award for Medical Sciences

The Catalogue for Transmission Genetics in Arabs  
CTGA Database



## Cerebrocostomandibular Syndrome

### Alternative Names

CCM Syndrome

CCMS

Rib Gap Defects with Micrognathia

### WHO International Classification of Diseases

Congenital malformations, deformations and chromosomal abnormalities

### OMIM Number

117650

### Mode of Inheritance

Autosomal dominant; Autosomal recessive

### Description

Cerebrocostomandibular syndrome is a potentially lethal developmental disorder characterized by mental handicap, palatal defects, micrognathia, and severe costovertebral defects. Death from respiratory complications occurs in 40% of cases before they reach 1 year of age.

### Epidemiology in the Arab World

#### United Arab Emirates

In a 5-year prospective study for newborns at Al Ain Medical District, Al-Gazali et al. (2003) defined the pattern and birth prevalence of the different types of osteochondrodysplasias in the United Arab Emirates. Among the 38,048 births during the study period, 36 (9.46/10,000 births) had some type of skeletal dysplasia of which one, born to consanguineous parents, had the cerebrocostomandibular syndrome (0.26/10,000 births)

#### References

Al-Gazali LI, Bakir M, Hamid Z, Varady E, Varghes M, Haas D, Bener A, Padmanabhan R, Abdulrazzaq YM, Dawadu A, Abdulrazzaq YM, Dawodu AK. Birth prevalence and pattern of osteochondrodysplasias in an inbred high risk population. Birth Defects Res Part A Clin Mol Teratol. 2003; 67(2):125-32. Erratum in: Birth Defects Res Part A Clin Mol Teratol. 2003; 67(4):276. Abdulrazzaq Yeusef M [corrected to Abdulrazzaq Yousef M]; Dawodu Aden Kula [corrected to Dawadu Adekunle].

#### Contributors

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