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NDD. 08. Angelman syndrome: a bibliographic review

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Introducion: Angelman syndrome is a complex neurogentetic disorder characterized by intellectual disability, problems with movement and balance, frequent laughter or smiling and other features. The Angelman syndrome is a classic example of deletion or inactivation of genes on the chromosome 15, most commonly by deletion of a segment of that chromosome. Developmental delays are first noted at around six months age until after one year, and it can take several years before the correct clinical diagnosis is performed. **Objectives:** To analyze the literature with a focus on a bibliographic review of articles addressing Angelman syndrome, establishing a percentile for a period of 10 Years (2003 to 2013) in the cases reports. **Methods:** The analyses were done using Pubmed, Google Scholar, Uptodate, Dynamed and Bireme databases, with 35 articles included initially, with posterior selection of prevalence issues. **Results:** The higher prevalence of treated subjects regarded genetic causes, followed by neural mechanisms. So there is a great involved neurogenetics in the causality and approach of this syndrome, therefore being important to research an appropriate clinical treatment for each patient. **Conclusions**: Advances in the therapeutic model to an individual level is paramount, because the manifestation Angelman syndrome is broad and unspecific.

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