

Establishment of the first Children's Drugs and Therapeutic Committee to ensure evidence-based and cost-effective medical treatment for children

Sara Holst¹, Camilla Møller¹, Charlotte Vermehren², Stine Trolle¹, Bente Hansen¹, Ann-Britt Kirkedal¹, Hanne Christensen¹, Thorkild Jacobsen¹, Rene Mathiasen¹, Jon Traerup Andersen¹, and Christina Gade¹

¹Copenhagen University Hospital

²Bispebjerg Hospital Klinisk Farmakologisk Afdeling

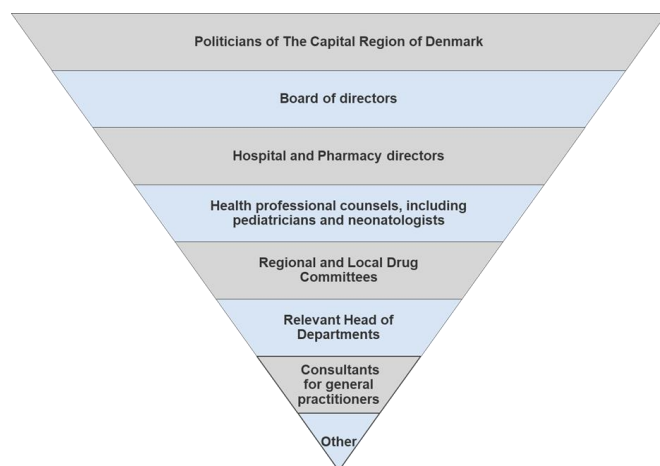
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Abstract

Aim The prevalence of undocumented medical treatments among children is a significant issue, as well as many EU countries lack access to newly developed children friendly medicines. Consequently, there is a pressing need for supplementary resources that can facilitate informed decision-making regarding children's medication. We therefore aim to describe the process of establishing a children's Drug and Therapeutics Committee (cDTC), as well as the preparing and implementation of recommendations for children in the Capital region of Denmark **Method** Following the guidelines outlined by the World Health Organization a cDTC was established. Recommendations for pediatric medication practice were constructed from assessments of medication use patterns among children in the Capital Region between 2019 and 2021. The recommendations were meticulously crafted based on evaluation of the current marketing authorization landscape and existing best available evidence. **Results** In 2019, the Capital Region established the first cDTC supported by expert councils and an editorial board. A total of 2.429 purchase item numbers covering 1.222.846 defined daily doses and 592.088 purchased packages covering 10.200.000 defined daily doses were identified in the secondary and primary sectors, respectively. Three comprehensive lists covering recommendations for newborns and children were published between 2021 and 2020 totaling 331 recommended pharmaceutical products. The recommendations primarily intended for use in the secondary healthcare sector were implemented through the revision of 38 pediatric- and 6 neonatal product ranges throughout Capital region. **Conclusion** Recommendation lists for children governed by a cDTC provide a rational auxiliary tool that can be immediately implemented in the clinic.

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