

# Needs and Requirements of the Children, Young People and their Families with Developmental Coordination Disorder (DCD) in Newham



Louisinne Purpura, Occupational Therapist & Vimmy Venugopal, Community Paediatrician  
Specialist Children and Young People's Services (SCYPS)

Developmental Coordination Disorder (DCD) is a common disorder affecting gross and/or fine motor co-ordination in children and adults and occurs across a range of intellectual abilities. Individuals may vary in how their difficulties present; these may change over time depending on environmental demands and life experiences.

## Methodology:

The information was collated in 2 stages as below:

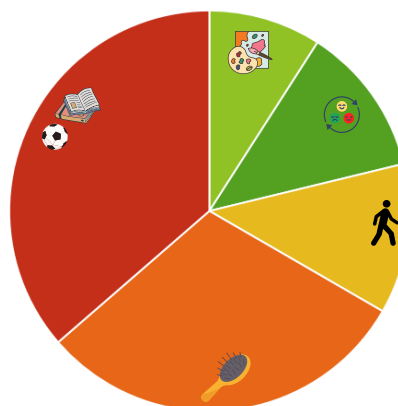
Stage 1) Identification of the prevalence of comorbid conditions through retrospective study of case records where 20 case records were reviewed

Stage 2) Exploring the opinions and views of DCD from the perspective of Children, Young People (CYP) and their Families with DCD

This was achieved through semi structured interviews based on the ICF model with the 17 families of CYP who had received a diagnosis of DCD following assessment in the SCYPS DCD clinic over the latter half of 2022. The age range of the children with DCD are from 5 to 18 years old.

## Results:

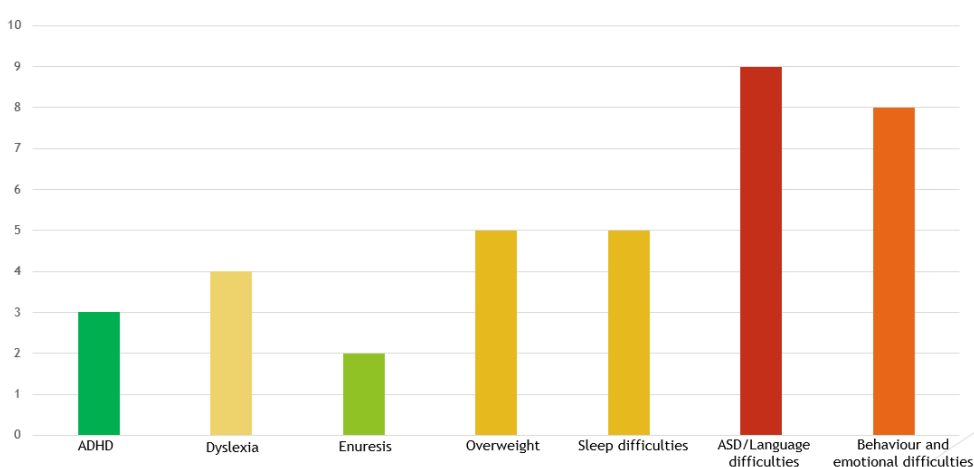
Difficulties in CYP and their Families with DCD in Newham



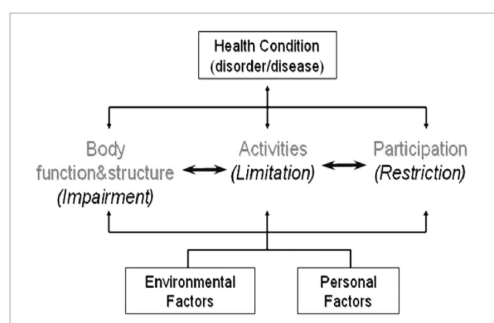
| Difficulties                         | Number | Percentage % |
|--------------------------------------|--------|--------------|
| Academics and PE (Education setting) | 12     | 70.5         |
| Self Care                            | 10     | 58           |
| Mobility                             | 4      | 23.5         |
| Emotional                            | 4      | 23.5         |
| Leisure                              | 3      | 4.4          |

Leisure Emotional Mobility Self Care Academics & PE (Education setting)

## Comorbidities in CYP with DCD in Newham (Aged 5-12 Years: 5 Girls and 15 Boys)



## WHO ICF MODEL



## Conclusion:

It is well known that personal, occupational, environmental, cultural factors, life experiences and expectations from the society have an impact on the difficulties faced by the children with DCD and their families.

Our study also highlights the different perceptions of the difficulties faced by the children with DCD and their families.

Identifying specific needs and priorities will help tailor interventions, thereby improving experience and quality of life of Children and Young People with DCD.

## References:

International Clinical Practice Recommendations on the Definition, Diagnosis, Assessment, Intervention and Psychosocial Aspects of Developmental Coordination Disorder (2017). European Academy of Childhood Disability.

International Classification of Functioning, Disability and Health (2001). World Health Organisation

We respect | We care | We are inclusive

