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Riding a tram, visiting a library and serving at the fish market: an environment – focused view on participation of adolescents with autism spectrum disorder in Zurich

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Introduction

Participation of adolescents with autism spectrum disorder (ASD) hardly occurs in settings out of school and home^{1,2}, which includes public areas, leisure places3, sport events or places of friends or extended family4. In a developmental stage, where other adolescents experience peers, community and own strengths and preferences, these adolescents face challenges because of their vulnerabilities and environments.

Objective

To get in-depth insight how and why adolescents with ASD perceive environment in the actual moments of participation as facilitators or barriers or tension⁵, the following research questions

How and why do adolescents with ASD experience facilitators, barriers or tension in their environments during their participation?

Participants and Methods

Six adolescents with ASD (age 15-21), all diagnosed with ASD according to ICD-10 standards, participated in this single-casedesign located in Zurich (Switzerland). All could participate at least in one activity outside of home and school without being accompanied.

Data were collected by a combination of three methods:

- · documentation of the socio-political context
- photo-elicitation
- · in-depth interviews

Data was analysed using a 7-step iterative analysis.

Using public bathrooms





Adolescents attend, when their environment provides

- company
- knowledge
- «Accompany
- a nudging drive
- positive vibes
- agent to the physical environment

«Speak to me and ask me»

Adolescents engage, when they

- are approached
- become group members
- receive positive feedback

Attending a gym





Results

The six male adolescents with ASD indicated they participated in a variety of activities outside of home and school in a regular and consistent manner. Their overall favorite activity was the use of public transport. All participants perceived participation as a social

The preliminary findings showed two consecutive patters⁷ that were essential to support participation of adolescents with ASD.

- (1) Environmental based pre-requisites to overcome inhibitions and withdraw and start and thus attend participation. The environment needed to provide company, a nudging drive and the ensurance of savviness. The presence of positive vibes and a design of the environment they could control was also central.
- (2) Strategies of the social environment to support reciprocity and social interchange and thus involvement in participation. Being approached, becoming a group member and receiving positive feedback and smooth guidance were essential strategies we found.

Overall, social encounters that were combined with engaging in participation were strenuous for adolescents with ASD. They struggled to understand the social processes that occurred during participation.

Conclusion

The influence of trusted persons for the participation of adolescents with ASD is highlighted, combined with the need to extend the support network for these adolescents to other individuals, services and society in general so that their participation in activities can be encouraged

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