

NEURODEVELOPMENTAL PROBLEMS IN CHILDREN

Michael Williams

Qld Paediatric Telehealth Service

1-08-2024

Neurodevelopmental Problems – Children & Adolescents

- Developmental -eg speech, social
- Behavioural – aggressive, oppositional defiant
- Educational - delay/ lack of engagement
- Anxiety

Neurodevelopmental Problems – Children & Adolescents

- Trauma
 - Pregnancy – 1st 5 yrs
- ADHD
- ASD
- screens
- lack of independent activity

...common ..primary care ...paediatrician

Neurodevelopmental Problems – Children & Adolescents

- history
 - preg – alcohol/drugs - FASD
- examination – height , weight.
 - ADHD – Vanderbilt, [SNAP IV](#) ..teacher
 - ASD - parent and teacher [SRS](#)
- hearing , vision
- telehealth – school, health centre
- parent support
 - [early connections NDIS](#) - esp speech therapy

Neurodevelopmental Problems – Children & Adolescents

- Parenting:
 - Triple P
 - Raising children network – education
 - Brave online – anxiety – with child
- 4 measures for well-being:
 - Sleep – 9 hrs -o'night ..routine, no screens, ? Melatonin
 - Outdoor activity – daily
 - Screens – limited , supervised , not in bedrm
 - Healthy food – meal times

Private Paediatric Telehealth Service for Rural Children in Queensland

Dr Michael Williams



1 Telehealth Service

- Private Paediatric consultation using Healthdirect video platform
 - All referred by GP
- To rural Queensland sites with difficulty accessing paediatrician
- From home base – with remote Genie desktop
- Administration at medical specialist office
- Medicare based billing

2 Consultations

Data from 151 telehealth consultations:

- 60 – 70 consultations/month
- 60% to home,
 - others to school /GP clinic/ work
- 72% ASD/ADHD & associated problems
- 32% bulk billed
- 9% technical issues – most audio
 - Easily overcome
- 5 (0.7%) failed to attend

3 Parent Feedback

- 88/127 responses from parents
- All (100%) satisfied – 91% very satisfied:

"access is fantastic... I can be wherever I need to be"

- All would recommend telehealth to others:

"Hesitant initially – but once started my mind was at ease"

"Just as informative as face to face"

"Easier than driving 3 hours with tired grumpy children"

"Child doesn't like social settings"

- 94% didn't feel would prefer to travel to see paediatrician

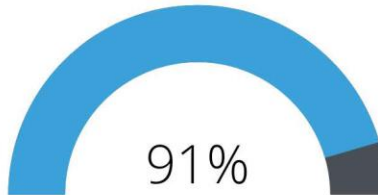
"Living 600km from paediatrician is a huge expense and children miss school"

- 87% no difficulties
- 97% satisfied with booking and billing

"Awesome being a single mother to be bulk billed!"

"Very easy to make an appointment"

"Organised by my grandson's school"



Parents "Very Satisfied"



Acknowledgements

healthdirect



Contact



Queensland

Paediatric Telehealth Service

Dr Michael Williams

MBBS (Hons) FRACP MMedSci
Consultant Paediatrician

P: 0419 673 547

E: m.l.williams@outlook.com

Referrals

P: 07 3309 3077

F: 07 3839 3044

Medical Objects