

Feeding Difficulties in ASD and ADHD: A Dietitian's Approach to Assessment and Management



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Abbott Nutrition have kindly sponsored this presentation

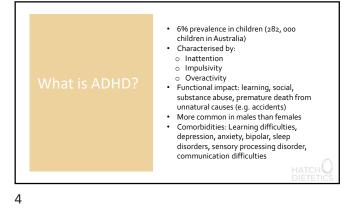


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### Key learning objectives

- To understand ASD and ADHD and how these conditions can impact nutrition and mealtimes
- To understand key dietetic assessment strategies to support people with ASD and ADHD
- To learn more about developing a dietetic intervention to support people with ASD and ADHD

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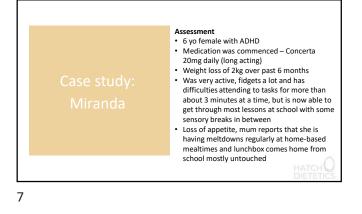


- Body size and growth impacts
- Impact of medications
  Appetite regulation
  Difficulties with focus and attention
- (including when eating and drinking) Constipation – not responding to cues to go to the toilet
- . Bone health

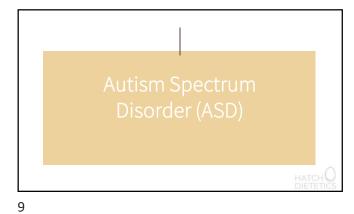
Medication	Short-acting (SA) or long- acting (LA)
Methylphenidate	Ritalin – SA Ritalin – LA Concerta - LA
Lisdexamfetamine	Vyvance - LA
Dexamphetamine	SA

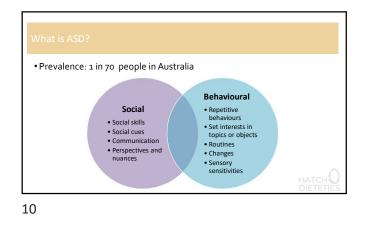
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<ul> <li>Maximise hunger opportunities, respect satiety</li> <li>HPHE (make every bite count) – via food and/or oral nutrition support</li> <li>Improving mealtimes and preserve the feeding relationship</li> <li>Micronutrient supplementation for symptom reduction</li> <li>Food chemical intolerance</li> <li>Traditional diets and "Western" style diets</li> <li>Advocacy regarding importance of nutrition</li> </ul>

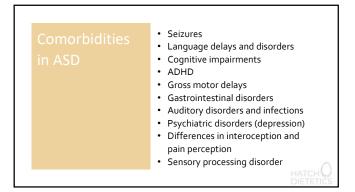












	considerations in ASD
Core food groups missing from diet	Lack of or loss of appetite
Limited food variety from core food groups	Fluid-based diet
Limited number of foods eaten overall	Growth faltering
Food jagging	Failed' tube weaning attempts     No interest in eating or drinking
Only accepting a food in a specific presentation (shape, packaging, not touching other food)	Meltdowns before, during or after mealtimes
Nutrient deficiency (vitamin D, B12, folate)	<ul> <li>Eating only at separate times to other family members</li> </ul>
Taking only 1-2 mouthfuls at a meal, then refusal to eat	Specific sensory preferences
Eating a 'white food' diet	<ul> <li>Significant meltdowns or protests when presented with a new or unfamiliar food (neophobia)</li> </ul>
Falling asleep during mealtimes	<ul> <li>Parents feeding a child beyond developmentally age appropriate</li> </ul>
Pocketing food in cheeks/oral residue after mealtimes	Fluid refusal
Only eating in a specific environment or with a specific distraction	Only choosing sweet, carbonated or v hot/v cold fluids
Grazing-style eating behaviours	Reports of feeling sick
Significant undigested food in stools	Fussy eating

# Social, sensory, motor and behavioural characteristics in relation to feeding Difficulties with early feeding practices Lower social motivation Modelling less powerful Less responsive to verbal praise Communication Rituals and repetitive behaviours

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## Holistic considerati

that can impact nutritional

- Special diets
- Gross and fine motor skills
- Gut microbiome
- Micronutrient supplementation

# HATCH

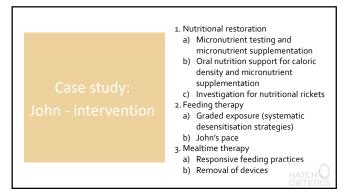
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## Dietary intervention considerations in ASD

- Nutritional adequacy and restoration
- Responsive feeding practices
- Hobbies and interests of the child
- Sensory responsiveness and preferences
- Mealtime interventions
- Small changes, small goals, BIG wins



Age	Weight (kg)	WHO weight centile (%)	CDC weight centile (%)	Weight Z	Height (cm)	WHO height centile (%)	CDC height centile (%)	Height Z score	
0 Years, 0 Months, 0 Days	3.63	71		0.6	51			0.6	
3 Years, 8 Months, 15 Days	14.8		31	-0.5			58	0.2	
4 Years, 2 Months, 25 Days	15.2		21	-0.8			33	-0.4	
5 Years, 8 Months, 11 Days	16.65		7	-1.5			10	-1.3	



	<ul> <li>The role of the Dietitian in nutrition (and feeding/mealtime) therapy – we are vital!</li> <li>Focus on nutrition restoration first</li> <li>Consider all options – preferred food, new food, micronutrient supplementation, oral nutrition support products, tube feeding</li> <li>Responsive feeding practices are key</li> <li>Work within your multidisciplinary team</li> </ul>
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