Introducing Sensory Change in Your Child's Diet

Presented by Angela Lee APD

Session One



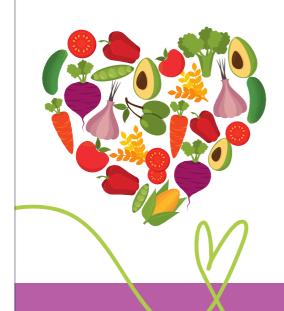
TLC Nutrition

Dietitian-Teacher



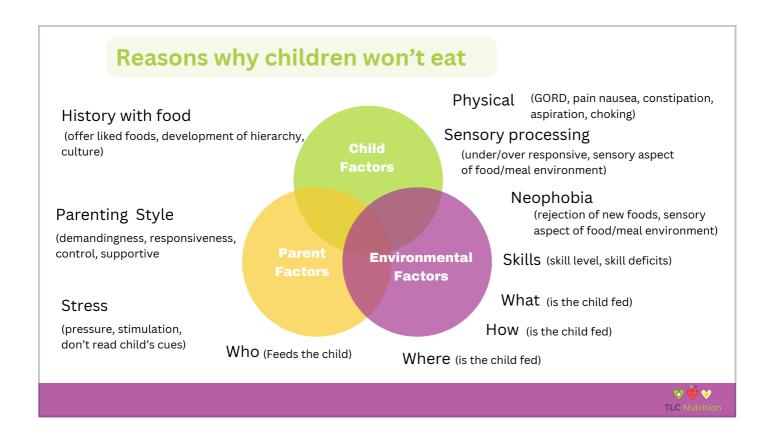


Todays Agenda



Brief Intro
Why Children Dont Eat
Fussy eaters Vr's Problem Feeders
Strategies for Problem Feeders
Hypo and Hyper Sensitive
Food Chaining
How Much to Feed
Nutrient Requirements
Nutrients of Concern
Sensory Food Based Activity





3 factors

Understanding Selective Eating

Processing style

(How the food is presented

1 A

Physiological factors

(GI factors not known - poor recognition of hunger

Predictability

Needs things to be the same due to repetative nature - ritulisitic

Psychological factors

Anxiety, distress, depression



(Difficulty coping with social environment at meal times



3 factors

Fussy Eater

Eats a range of foods

Can tolerate new foods on a plate (touch, taste)

Growing well

Asks for food - healthy hunger between meals

Will respond to nutritional strategies

Eats more than one food from each texture group

Eats with family but usually different meals

Able to add new foods to current intake in 15-25 steps







Problem Feeders

Eats different food from the family, often eats alone

No improvement with decreased milk or routine with breaks

Will eat a very narrow range of foods

Cries falls apart with new foods

Rejected foods are not required

Refuses entire food groups 1.

Refuses food entire textures 2.

Force feeding

Adds new foods in >25 steps 3.

Brand specific 4.

Eat different food from family

Less than <20 foods

Poor growth

Food Jags 4.

Vr's Fussy Eater

who will responde to nutritional strategies

Affects smaller number of children 5-16%

Vr's

Fussy eaters 6-59%



Problem feeders

ASD

ADHD

AFRID- avoidance restrictive food intake disorder

- 1. Refuses entire food groups
- only eats dairy no meat
- 2.Texture refusal
- -food with lumps, runny, crunchy or chewy foods ,food with skin on , seeded fruit
- 3. Difficult to add new food if not impossible

Brand Specific

4. Specific milk/bread

Personal example- son

Milk Woolworths brand or cheese from Aldi

'What's wrong with the milk it taste different'

eg. Specific cup/plate

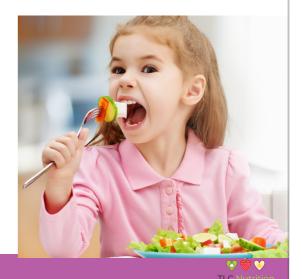
4. FOOD JAG

Occurs when a child eats the same food prepared in the same way every day - High risk of being permanently lost from child's diet.

Strategies for Broden Problem feeders Dietary Intake

- SOS approach
- Shaping and Fading
- Sensory based food play
- Systematic desensitisation
- Play based approach Sensory Toolkit
- Food Chaining





All approaches are evidence based sos

- _sensory needs
- -enhanced drinking /feeding
- -motivated to try new foods
- -Adequate intake
- -appropriate growth
- -positive parenting

Sensory food base play - sensory stimulation (looking, touching listening and tasting) Support food acceptance through visual stimulation.

Food shaping/fading - improving food acceptance starting with small bites until age portion is consumed FADING - Transitioning a child from food he like to accepted foods he dislikes. eg. child like cordial but not water - cordial can be gradually reduced in water until no cordial is needed and the child will drink plain water.

Sensory play based toolkit includes (SOS, food chaining, sensory based food play) FREE on line activities to work through

Before Trialing any Strategies

- Rule any underlying medical conditions with your GP
- Oral motor difficulties
- Trial strategies to handle meal time behaviours

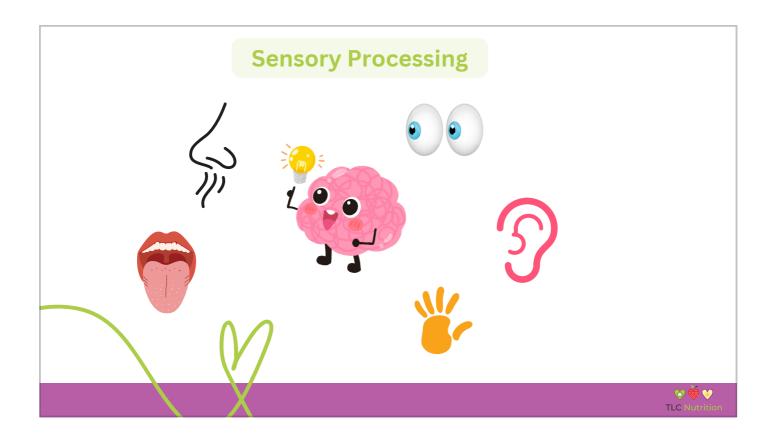




Before trialling

- 1.Rule out any underlying medical condition with GP or Paediatrician eg digestive disorder contributing to feeding problem any food allergies
- 2.Oral motor child making it diff to chew /swallow foods
 A speech pathologist/OT can help you understand how your child handles sensory input
- 3.Trial strategies to handle negative meal time behaviours !meal structure !parenting style !calm environment covers in detail in my last session

Food chain helps determines why your child accepts certain foods

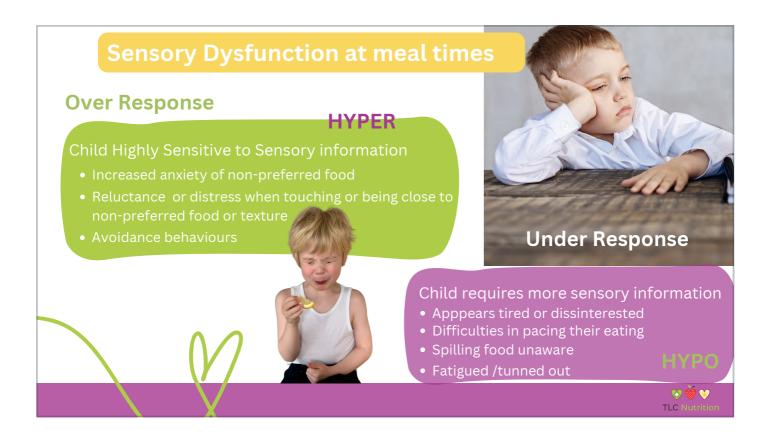


Sensory processing difficulties in

children with sensory processing disorders or feeding aversions can have negative response to one or more sensory systems eg: taste, texture, noise, feel, smell.

The senses are how they relate to their environment fight or flight response

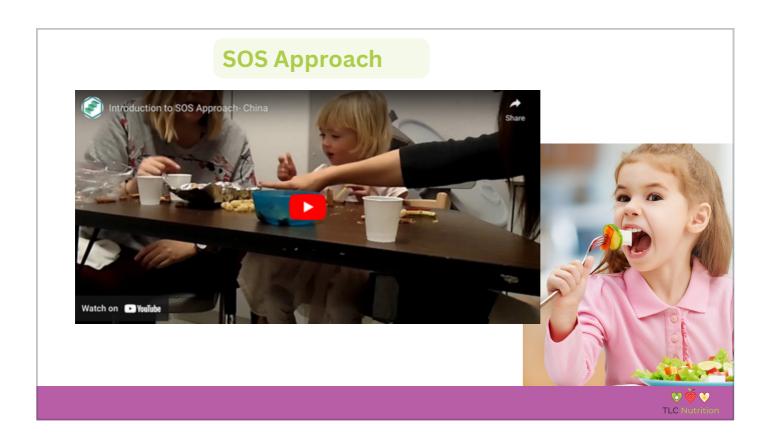
noise - may not like a noisy environment to eat this may trigger the flight response.



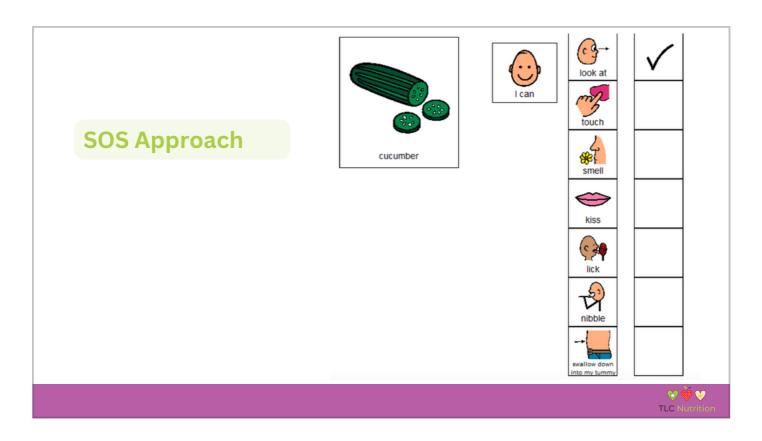
1. Over responders HYPER SENSITIVE

Children expecting all foods served at room temperature which might mean cold foods such as ice cream are not tolerated or cooked foods need to be called to room temperature before children will eat them

2.Under responders HYPOSENSITIVE require more sensory information may appear tired, disinterested. plain biscuits may be disinterested eg:try different shaped biscuits curly edges, squares, hearts, different spreads PB, vegemite.



Hyper-sensitive Video link https://www.youtube.com/watch?v=-J3PpokdRDg



Tolerates - interacts with - looks - smells- touches- tastes - eats

increase comfort level with food through play



Children can detect even the smallest change they need predictability

Non pressured- use language like

- That's fine lets get comfortable with it
- I like this is how I like to eat it model show eating might not create a negative reaction

Gradual Exposure

- 1.Used to introduce new or disliked foods slowly and gently
- 2.Start with small serves and small tastes in a non-pressured responsive -feeding environment
- 3.Starting with more predictable foods such as canned or dried fruits can help
- 4.Offer new foods with a desired food can help accelerate the process
- 5. Strategic and planned, not haphazard



No pressure No coercion

3.eg pureed foods, apple tart

4.eg. one small sliver of lettuce to a burger masked with tomato sauce or avo in a taco shell

Food Hierarchy Desensitisation



Steps

- Begin with 7-10 foods
- Always start with a preferred food
- Last food chewy/sweeter food
- · Drink follow last food
- Food remains the same for the first 3 exposures
- Then change 25-50% of foods







Food Hierarchy Desensitisation - Slow and systematic introduction of new and non-preferred foods to a child through exposing a child to a graduated hierarchy of anxiety producing foods that help them overcome their fear of food and eating.

Graduated exposure/systematic desensitisation = re exposure to targeted foods

Reinforcing graduated exposure by - can reduce the likelyhood of reinforcing inappropriate meal time behaviours tries to reduce the motivation to escape the task as food consumption is not required for a correct response.

Calm not controlling- give child some control or let them think they have control

Safe space for child to place food close to table mat move food onto the plate encourage to touch, lick only put in their mouth and eat and chew the food.

Expectation that the food will remain on the plate/place mat.



Based on premise you child will eat what they like!

This method will allow introduction of more food variety with similar.

This method will allow introduction of more food variety with similar flavour, texture of there core foods they are already eating

Tips on 'how to food chain'

- Make a list of foods that have the same features as the foods you child currently eats
- Use the preferred foods to decrease anxiety around new foods
- Use a safe flavour/texture to help introduce a new food
- Only change something at a time e.g shape, brand,colour,texture
- Gradually seperate the preferred and non-preferred food (work towards changing the ratio)
- It may take >20 presentations of a new food for a child to accept it

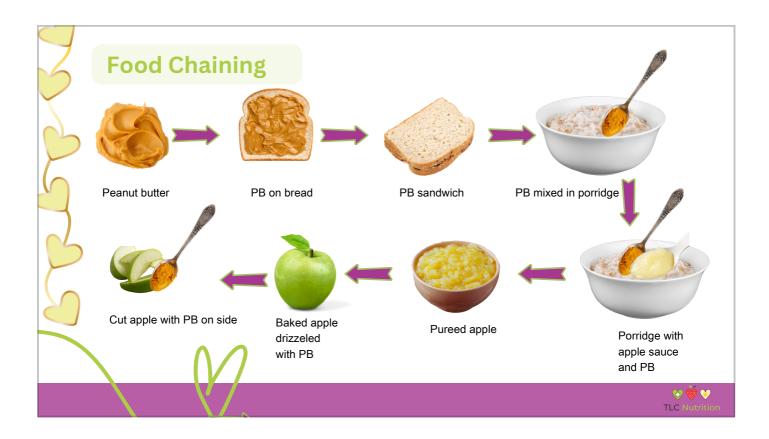


FOOD CHAINING - requires intention /planning



Food Chaining - small changes colour, shape, texture, diff brands eg two chains

- -animal chicken nugget to roast chicken
- -Potato crisps to banana



Food chain originates with an accepted food ends with the goal food! Way to get a selective eater to try new foods! Child still needs access to preferred foods to meet volume but still needs exposure to new foods

A chain is created by making excepted change to the preferred food. May start with child favourite chicken nuggets and end with a baked fish.

Early stages of chain diff brands and shapes gradually as the child begins to routinely accept the new foods. Move onto something similar but completely diff crumbed fish, small changes to colour, texture or shape.





Use the same place for meals

• family dinner table

Create a Routine to the meal

- child help prepare, serve, clean up
- talk about cooking and the food
- family style serving

Present only THREE foods on the child's plate

At least ONE preferred food at every meal

Limit main meals to 30 min and snacks to 15min

• child knows there's an end to the meal

Dont pressure child or force child to eat



Eating Environment



enhance predictability

Familiarise about • Games and songs about food • Painting/drawing food • Grow food - herb/vegetable garden • Messy play indoor/outdoor • Cook food together meals/baking • Supermarket shopping game • Make your own placemat

_ get a set of ingredients out and allow your child to put ingredients in to make their own creation- I tried this with my son - making chocolate muffins creativity- fun - learning

What and how much to feed!

Try not to overload child's plate

Offer 5-6 smaller meals and snacks throughout the day

Avoid preparing seperate meals from the family

1. Ensure foods are child's preferred texture

Include food from all core food groups Healthy Eating Plate 2.Limit milk and dairy foods to 500ml daily Offer water only btw meals

3. Provide your child with two options only (2 diff fruit 2 diff fillings in a sandwich)

Ensure foods are child's preferred texture

Limit juice -decrease appetite

(not to decrease appetite)



1.texture - acceptable struggling with chewy meat try mince cooked veg try raw grated skin - try peeling first

2.limit milk to 500ml milk- prevent decreased appetite

3.options

- respect like/dislikes
- 2 diff sand fillings or 2 diff fruit

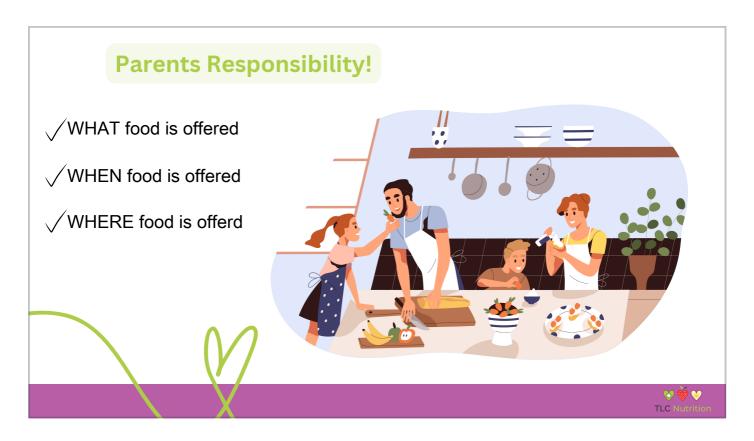


Healthy Guidelines for Children - have some here today you are welcome to take a copy.

Guidelines for nutrients change as the child grows and develops.

Child's fist size - stomach volume at resting capacity. stomachs smaller than adults include small amounts of food groups across all 5 food throughout the day.

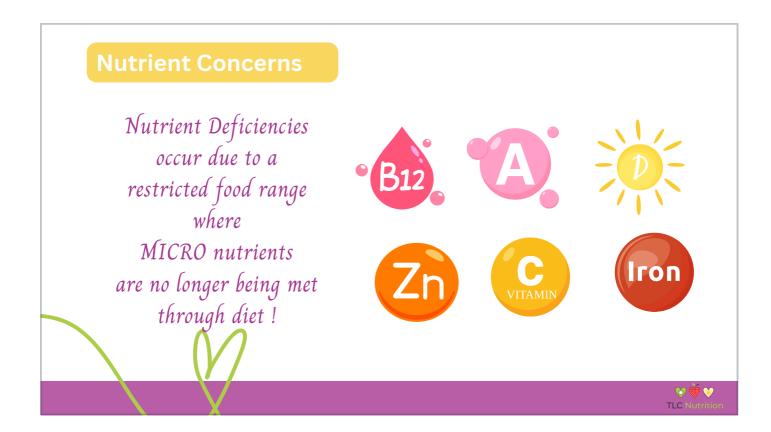
large serving sizes can be overwhelming for younger children



Parent child relationship provides opportunity forming attachments, regulating, emotions socialising
They learn to eat what their parents eat!
Parent trust children



Role modelling is essential part of relationship



MACRO- being met still (growing)

Iron-ferritin

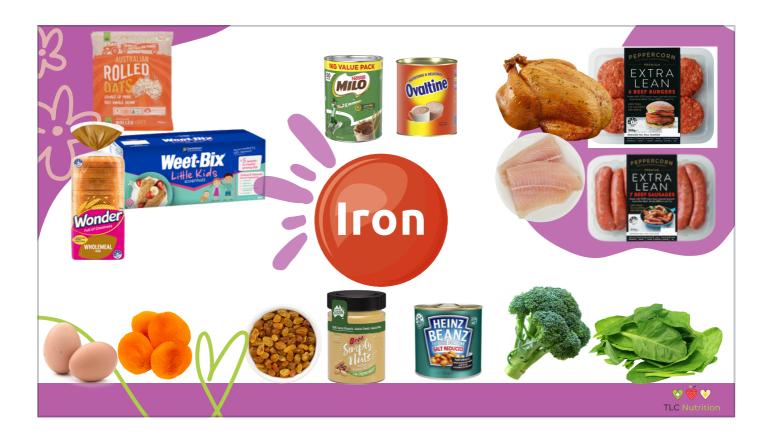
- -Immune response
- -Sleep
- -Growth
- -concentration
- -Fatigue

high intake non-iron rich foods (milk)

Vitamin D
Assist bone development
Best source Sunlight - indoors/sunscreen
reduced exposure

ZINC Immune function sexual maturing

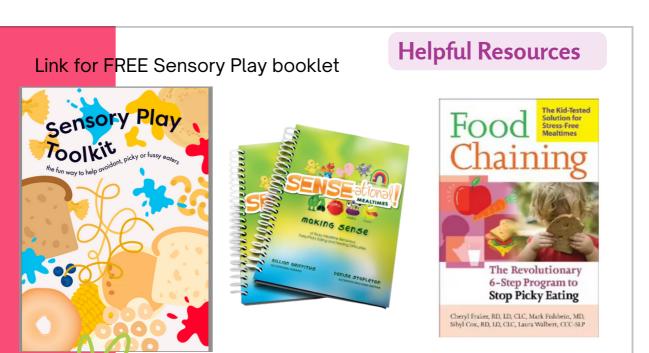
VIT A Immune function night vision B12 Release evergy from food cell growth DNA production



IRON Heam - animal sources

Non- Heam need more to reach requirements

Eat Non- Heam with Vitamin C help absorption



www://sensoryplaytoolkit.weebly.com



