How FSMPs Support Children and Their Families

Twelve case studies

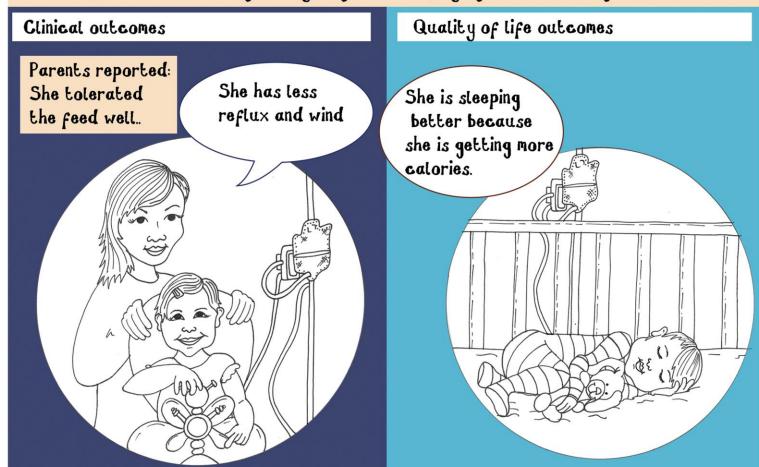


FSMPs are Foods for Special Medical Purposes, and include liquid feed formulas that contain energy, protein, fat, vitamins and minerals, sometimes with fibre. These can be oral nutritional supplements (ONS) in a milkshake or juice style drink, or tube feeds that are delivered by pump or syringe into the patient's stomach.

This booklet summarises the improved clinical and quality of life outcomes of 12 children. Each patient story is taken from a case study using a Nestlé Health Science FSMP, and has been written by a dietitian. The images are for illustrative purposes only, and are not of the actual patient.



1 Intraventricular Haemorrhage is a bleed in the brain resulting in swallowing difficulties, vomiting, delayed gastric emptying and worsening reflux.



2* Eosinophilic oesophagitis (EoE) affects the oesophagus (food pipe) that connects the mouth and stomach. Food refusal, reflux, vomiting, abdominal pain and delayed growth was experienced.



Tracheo-oesophageal Fistula (TOF) and has Oesophageal Atresia (OA) that affects Oesophagus (food pipe) and / or Trachea (airway) are rare congenital birth defects.





I like the smell and taste of this one.

Quality of life outcomes

She doesn't need to be on her pump feed as long, and she can play more after tea.



Cockayne syndrome is a rare disorder characterised by short stature and an appearance of premature ageing. Nutritional intake was less and experienced reflux and poor tolerance to feed.

Clinical outcomes

She's able to have more calories than ever, and is gaining weight



Quality of life outcomes



Her food intake is stable and we can enjoy family meals together.

Global developmental delay is when there is a delay in learning to walk or talk, movement skills. Constipation was causing distress and contributed to epilepsy episodes.



Quality of life outcomes

She is not constipated anymore.



It's helped so much we have one less medication to worry about

I'm relieved my daughter is on the right feed

> She's less hungry now

6 Cerebral Palsy GMFCS level 5 microcephaly. Cerebral palsy affects movement and co-ordination and may experience excessive weight gain due to a slower metabolism.



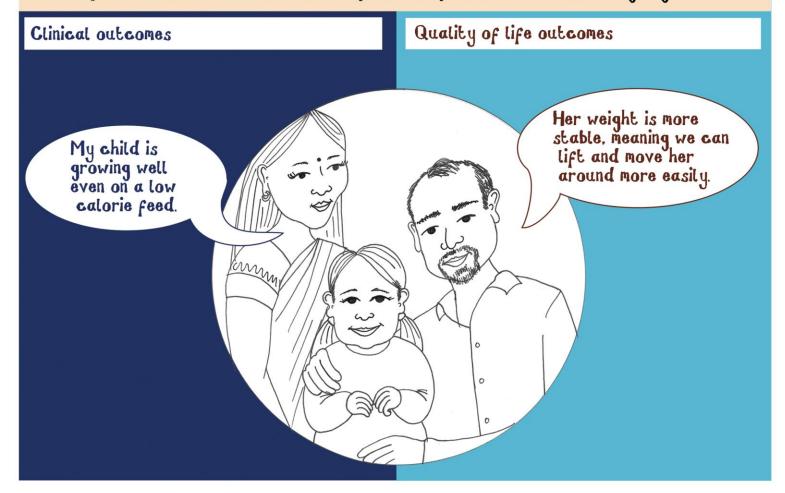
I'm relieved my child is on the right feed and still able to grow

Quality of life outcomes

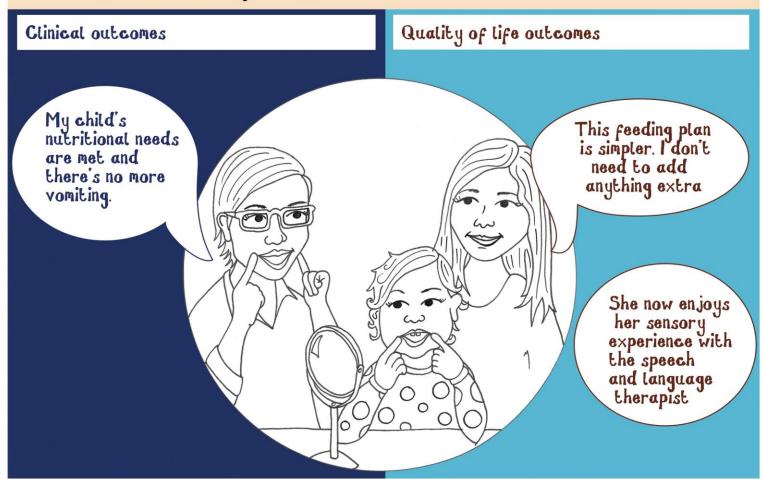
This new feeding plan is so much less time consuming



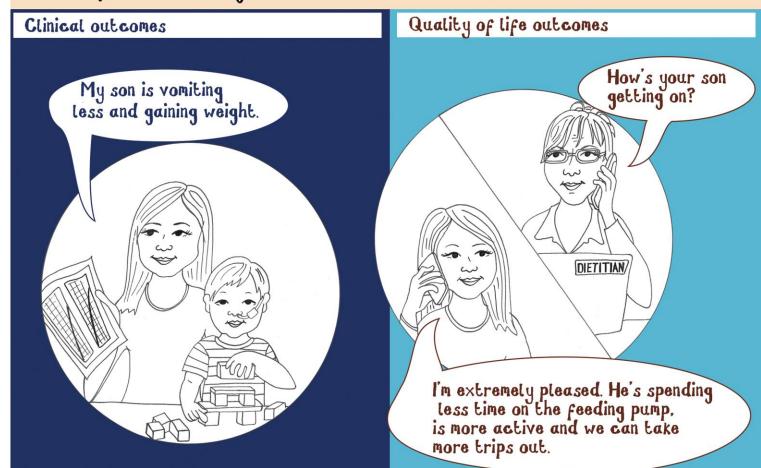
7 Holoprosencephaly, a brain condition resulting from the failure of the forebrain to divide into two hemispheres. Experienced excessive weight gain.



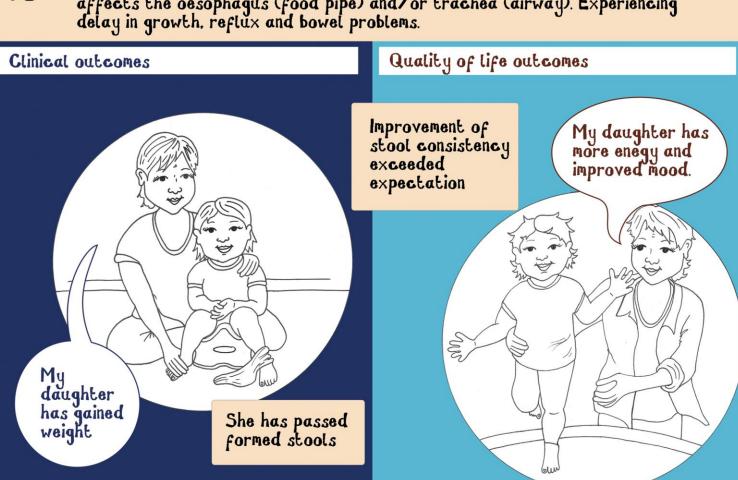
Bronchogenic cysts are lumps in the chest filled with fluid. Experienced vomiting and reflux.



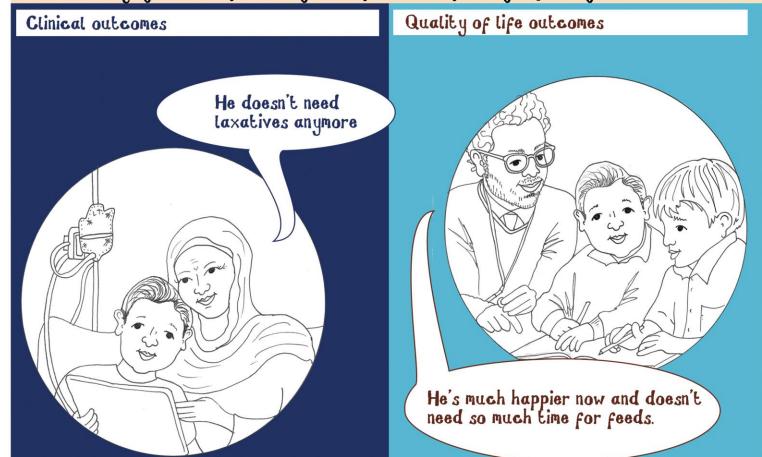
Intrauterine Growth Restriction (IUGR) is a delay in growth. The child also experienced vomiting.



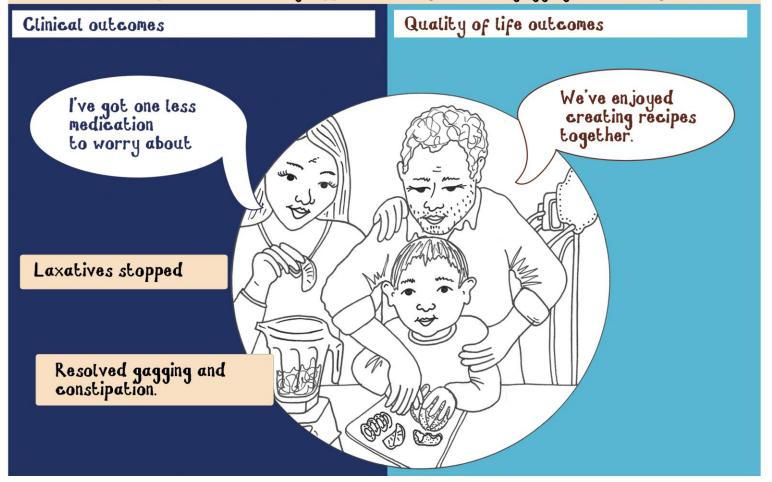
10 Oesophageal Atresia (OA) and Tracheo-oesophageal Fistula (TOF) affects the oesophagus (food pipe) and/or trachea (airway). Experiencing delay in growth, reflux and bowel problems.



Pycnodysostos, is a rare genetic disorder characterised by spontaneous fractures, short stature, facial abnormalities as well as poorly implanted and decaying teeth. Experiencing constipation and prolonged feeding time.



Di George Syndrome can cause a range of lifelong problems, including heart defects and learning difficulties. Experienced gagging and constipation.



REFERENCES

Case studies 1 - 4 Oral Nutritional Supplement

- 1. Simpson K. Nutritional Intervention in Paediatric Gastroesophageal Reflux Disease: Clinical Case Reports.

 J Neonatol Clin Pediatr 2021, 8: 079 DOI: 10.24966/NCP-878X/100079
- 2. Kathryn Simpson. Clinical Case Reports on the acceptability and tolerance of a High Energy whey peptide based Paediatric oral nutritional supplement in children aged over 12 months. Clin Case Rep. 2021;9:e04887. pages 1-7.

Case studies 5 - 8 Enteral Tube Feeding

3. Griffin D. et al.
Benefits of Using of a Low-Calorie Whey Peptide Enteral Formula
in Children with Gastrointestinal Impairment, Complex Condition and Having
Lower Energy Needs - A Series of Clinical Case Reports
J Neonatol Clin Pediatr 2021, 8: 084 DOI: 10.24966/NCP-878X/100084

Cases studies 9 - 12 Enteral Tube Feeding

4. Siddiqui A, et al.
Benefit of Including Food- Derived Ingredients in Enteral Nutrition Formulas:
Practical Experience from Clinical Cases.
J Neonatol Clin Pediatr 2021, 8: 066 DOI: 10.24966/NCP-878X/100066
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Glossary

Did not have cow's milk allergy.

Tolerance is how well the person responds to food This can be a positive experience.

Intolerance is when the person does not respond well to food and may not have a positive experience.

FSMPs are food for special medical purposes and their formulations are regulated to provide energy and specific nutrients for the dietary management of a disease or medical condition. Must be used under medical supervision and consult your HCP for advice.

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