



Moving Food Forward

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Objectives

Participants will be able to discuss:

- What each MannaPack™ product is designed to do to support good nutrition and health
- Examples of how each MannaPack™ product can be used
- How the reformulation of MannaPack™ Rice (MPR) product improves the nutritional value of the product



Guidelines and Recommendations

- Healthy Diet Key Facts
 - Protect against malnutrition and non-communicable diseases
 - Infants/young children
 - Exclusive breast feeding for first 6 months
 - Continued breast feeding until 2 years or beyond
 - Complement beyond 6 months with variety of foods, no added salt or sugars
- Guidelines and Recommendations
 - General:
 - Limit sugars, salt, fat*
 - Maintain intake of fruits and vegetables
 - Specific
 - Evidence-based recommendations for micronutrient intake



**World Health
Organization**

Background: MPR

- Role
 - Supplemental nutrition
 - Helps to fill gaps in calories, protein, micronutrients (vitamins and minerals)
- Features
 - Real food
 - Fortified with micronutrients
 - Easy to prepare
 - Versatile to tailor to local preferences



Uses: MPR*

- Purpose
 - Supplementary nutrition
 - Maintenance of nutrition
 - Possible restoration of mild to moderate nutrition deficiencies
 - *Reformulation meets WHO guidelines and recommendations for micronutrients
- Maximizing value and impact
 - Tailor preparation to local tastes
 - Use as a supplementary food with other local foods to round out nutrition and food group recommendations

MannaPack™ Potato (MPP)



Background: MPP-D

- Role
 - Therapeutic nutrition for diarrhea symptom management:
 - Low residue, prebiotic ingredients, high quality protein, soluble fiber, non-fat, restores micronutrients lost in diarrhea
 - Intermittent use, as needed only
 - *Note: this food is NOT a cure for the causes of diarrhea!!*



Background: MPP-D

- Features
 - Follows dietary recommendations as a follow-on food to complement oral rehydration and reduce symptoms of diarrhea
 - Added nutrients that may typically be deficient (protein, micronutrients)
 - Carefully restart other foods and discontinue MPP-D

Uses: MPP-D

- Purpose
 - Intermittent use to assist in managing diarrhea symptoms
 - Supplementary micronutrients for those typically deficient
- Maximizing value and impact
 - Use to complement oral rehydration
 - Use separately from other foods rehydrating with potable water
 - Reduce and discontinue use as diarrhea symptoms subside

Background: MPP-W

- Role
 - Complementary and weaning food
 - Complements breastfeeding after the typical 6 month period of exclusive breastfeeding (EBF)
 - *Note: is not designed to replace breastfeeding*



Background: MPP-W

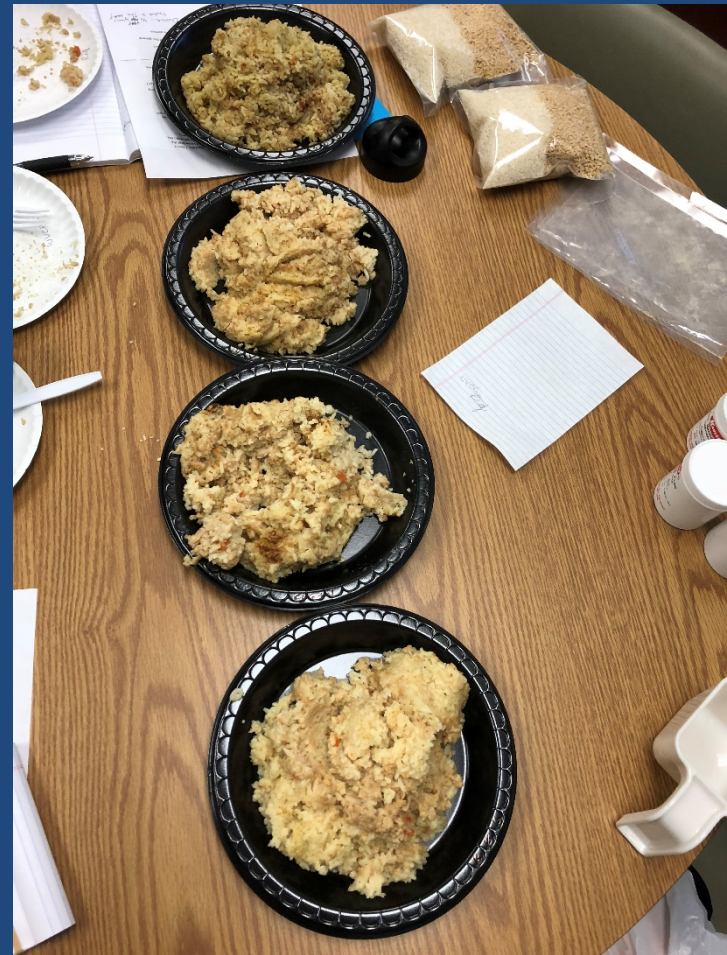
- Features
 - Follows international recommendations for texture and nutrient content for infants 7-12 months of age
 - Easy to prepare
 - Supplements breastfeeding nutrition after EBF period

Uses: MPP-W

- Purpose
 - Supplement nutrients beyond EBF period
 - Designed to meet WHO guidelines for 7-12 month olds
 - Assist in transition to real and solid foods
- Maximizing value and impact
 - Use to complement breastfeeding in infants and children >7 months of age
 - Prepare with potable fluid, use as supplemental nutrition
 - Follow guidelines for introduction of additional and solid foods

Reformulation of MPR

- Why?
 - New evidence-based recommendations and guidelines
 - Revisit each ingredient, partner uses, experiences, preferences



* Recommendations for fat vary by target group

Reformulation of MPR



- What?
 - All ingredients reviewed for universal appeal in a single product
 - Base ingredients remain
 - Micronutrient and sodium content changed to more closely match WHO and other international guidelines

Reformulation of MPR

- Testing
 - Prototypes developed and tested for feasibility in packing, preparation, taste, cost
 - Narrowed to a single prototype to compare to original formula in field taste tests
 - Shelf-life testing planned



Reformulation of MPR



- When?
 - As original product is used up, new product will take its place during 2019
 - Packing start date anticipated for March 2019
 - Continued evaluation of uses, acceptability, and partner experiences will be included

Summary

- MannaPack™ products reviewed include MPR, MPP-D, and MPP-W
 - Additional products include 3-Pack and MP-Lentil
- Each product is designed to minimize complication and maximize value and impact for beneficiaries in three-categories:
 - General supplementary use, management of diarrhea symptoms, and complementary feeding beyond EBF period
- Reformulation of the MPR product better aligns nutrition with current evidence-based guidelines and recommendations



Questions/Discussion



ASCEND
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