[0005a] In one aspect, the present disclosure refers to a use of a nutritional composition in the manufacture of a medicament for treating malnourishment in a moderately malnourished individual suffering from one or more of stunting and wasting, the nutritional composition comprising a carbohydrate blend comprising:

(i) a source of at least one carbohydrate that provides rapidly available glucose;

(ii) a source of at least one carbohydrate that provides slowly available glucose; and

(iii) a source of at least one non-digestible carbohydrate or resistant starch.

[0006] In accordance with the present disclosure, a method of promoting healthy catch-up growth in a moderately malnourished individual is provided. The method includes administering to the moderately malnourished individual a nutritional composition comprising a carbohydrate blend of: (i) a source of at least one carbohydrate that provides rapidly available glucose; (ii) a source of at least one carbohydrate that provides slowly available glucose; and (iii) a source of at least one non-digestible carbohydrate or resistant starch.

[0007] The present disclosure also provides a nutritional composition for use in treating malnourishment in a moderately malnourished individual, the nutritional composition comprising a carbohydrate blend of: (i) a source of at least one carbohydrate that provides rapidly available glucose; (ii) a source of at least one carbohydrate that provides slowly available glucose; and (iii) a source of at least one non-digestible carbohydrate or resistant starch. The malnourishment is treated by promoting healthy catch-up growth.

[0008] The present disclosure also provides use of a carbohydrate blend for the manufacture of a medicament for treating malnourishment in a moderately malnourished individual, the carbohydrate blend comprising: (i) a source of at least one carbohydrate that provides rapidly available glucose; (ii) a source of at least one carbohydrate that provides slowly available glucose; and (iii) a source of at least one non-digestible carbohydrate or resistant starch. The malnourishment is treated by promoting healthy catch-up growth.

[0009] In accordance with the present disclosure, a method of promoting healthy catch-up growth in a moderately malnourished individual is provided. The method includes administering to the moderately malnourished individual a nutritional composition comprising a protein, a fat, and a carbohydrate blend comprising: (i) a source of at least one carbohydrate that

WHAT IS CLAIMED IS:

1. Use of a nutritional composition in the manufacture of a medicament for treating malnourishment in a moderately malnourished individual suffering from one or more of stunting and wasting, the nutritional composition comprising a carbohydrate blend comprising:

(i) a source of at least one carbohydrate that provides rapidly available glucose;

(ii) a source of at least one carbohydrate that provides slowly available glucose; and

(iii) a source of at least one non-digestible carbohydrate or resistant starch.

2. The use according to claim 1, wherein malnourishment is treated by promoting healthy catch-up growth.

3. The use according to claim 1 or 2, wherein the nutritional composition further comprises one or more of a protein and a fat.

4. The use according to claim 1 wherein the nutritional composition comprises:

(a) a protein;

(b) a fat; and

(c) a carbohydrate blend according to claim 1.

5. The use according to any one of claims 1 to 4, wherein the source of at least one carbohydrate that provides rapidly available glucose comprises one or more of:

(i) a monosaccharide;

(ii) a glucose unit and a fructose unit joined by an α-1, β-2 glycosidic linkage;

(iii) a glucose unit and a galactose unit joined by a β (1,4) glycosidic linkage;

(iv) glucose units joined by α (1,4) glycosidic linkages;

(v) glucose units joined by α (1,6) glycosidic linkages; and

(vi) oligosaccharides having a random mixture of α (1,2), α (1,3), α (1,4), and α (1,6) glycosidic linkages.

6. The use according to claim 5, wherein the source of at least one carbohydrate that provides rapidly available glucose comprises one or more of glucose, fructose, tagatose, galactose, mannose, ribose, sucrose, maltose, isomaltose, lactose, isomalto-oligosaccharides, maltodextrin, and starch.

7. The use according to any one of claims 1 to 6, wherein the source of at least one carbohydrate that provides slowly available glucose comprises one or more of:

(i) a glucose unit and a fructose unit joined by an α (1,6) glycosidic linkage;

(ii) two glucose units joined by an α (1,1) glycosidic linkage;

(iii) a glucose unit and a fructose unit joined by an α (1,5) glycosidic linkage; and

(iv) oligosaccharides having alternating α (1,3) and α (1,6) glycosidic linkages.

8. The use according to claim 7, wherein the source of at least one carbohydrate that provides slowly available glucose comprises one or more of isomaltulose, trehalose, sucromalt, and leucrose.

9. The use according to any one of claims 1 to 8, wherein the source of at least one non-digestible carbohydrate or resistant starch comprises one or more of:

(i) oligosaccharides having a random mixture of α (1,2), α (1,3), α (1,4), and β glycosidic linkages;

(ii) saccharides having linear chains of 2 to 60 fructose units or fructose polymers joined by β (2,1) glycosidic linkages; and

(iii) oligosaccharides having a random mixture of α (1,2), α (1,3), α (1,4), and α (1,6) glycosidic linkages.

10. The use according to claim 9, wherein the source of at least one non-digestible carbohydrate or resistant starch comprises one or more of resistant maltodextrin, fructooligosaccharides, inulin, and isomalto-oligosaccharides.

11. The use according to any one of claims 1 to 10, wherein the source of at least one carbohydrate that provides rapidly available glucose provides from 4% to 71% of the total

calories supplied by carbohydrates in the nutritional composition, the source of at least one carbohydrate that provides slowly available glucose provides from 25% to 86% of the total calories supplied by carbohydrates in the nutritional composition, and the source of at least one non-digestible carbohydrate or resistant starch provides from 3% to 20% of the total calories supplied by carbohydrates in the nutritional composition.

12. The use according to any one of claims 1 to 11, wherein the nutritional composition has a caloric density of 1 kcal/mL to 2 kcal/mL.

13. The use according to claim 1, wherein the moderately malnourished individual is an infant or a preterm infant who suffers from stunting, and the stunting is caused by at least one of malnutrition, undernutrition, poor gut health, infectious disease, and compromised immune function.