CLAIMS

What is claimed is:

1. A nutritional composition for enteral administration to preterm infants, comprising:

   a lipid component, wherein the lipid component comprises about 10% to about 20% arachidonic acid and about 15% to about 30% docosahexaenoic acid, wherein the arachidonic acid and docosahexaenoic acid are provided in emulsified form.

2. The nutritional composition of claim 1, wherein the lipid component comprises docosahexaenoic acid from about 20% to about 30%.

3. The nutritional composition of claim 1, wherein the lipid component comprises about 28% docosahexaenoic acid.

4. The nutritional composition of claim 1, wherein the lipid component comprises about 30% docosahexaenoic acid.

5. The nutritional composition of claim 1, wherein the lipid component comprises arachidonic acid from about 15% to about 20%.

6. The nutritional composition of claim 1, wherein the lipid component comprises about 14% arachidonic acid.

7. The nutritional composition of claim 1, wherein the nutritional supplement is formulated to deliver at least about 50 mg/kg/day of docosahexaenoic acid.

8. The nutritional composition of claim 1, wherein the nutritional supplement is formulated to deliver at least about 60 mg/kg/day of docosahexaenoic acid.

9. The nutritional composition of claim 1, further comprising a vitamin component.

10. The nutritional composition of claim ~~11~~9, wherein the vitamin component comprises Vitamin A.

11. The nutritional composition of claim ~~11~~9, wherein the vitamin component comprises Vitamin D.

12. The nutritional composition of claim ~~11~~9, wherein the vitamin component comprises Vitamin K.

13. A method for providing nutritional support to a preterm infant receiving parenteral nutrition, the method comprising:

    enterally administering to the infant a nutritional composition comprising a lipid component, wherein the lipid component comprises about 10% to about 20% arachidonic acid and about 15% to about 30% docosahexaenoic acid, wherein the arachidonic acid and the docosahexaenoic acid are provided in emulsified form.