

What is claimed is:

1. A method for the treatment of Infantile Spasms and/or the prevention of spasms of Infantile Spasms in a subject in need thereof, the method comprising:
5 administering an effective amount of a composition comprising a compound capable of elevating ketone body concentrations in the body of a subject in need thereof.
2. The method of claim 1, wherein the compound capable of elevating ketone body concentrations is a medium chain triglyceride (MCT).
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3. The method of claim 2, wherein the composition is an emulsion comprising at least one MCT.
4. The method of claim 2, wherein the MCT is tricaprilin.
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5. The method of claim 4, wherein greater than 95% of the fatty acids of the MCT are octanoic acid comprised of 8 carbons (C8).
6. The method of claim 1, wherein the composition is administered in an amount effect
20 to treat Infantile Spasms and/or prevent spasms of Infantile Spasm in a subject in need thereof.
7. The method of claim 1, wherein the composition is administered in an amount effective to reduce spasms of Infantile Spasm in a subject in need thereof by at least 50%,
25 when compared to no treatment.
8. The method of claim 1, wherein the composition is administered in an amount effective to reduce spasms of Infantile Spasm in a subject in need thereof by at least 75%,
30 when compared to no treatment.
9. The method of claim 1, wherein the composition is administered orally or intravenously.

10. The method of claim 1, wherein the composition is administered orally as a nutritional supplement.
11. The method of claim 1, wherein the composition is administered in an amount ranging
5 from about 0.01 g/kg/day to about 30 g/kg/day of compound in the composition.
12. The method of claim 1, wherein the composition is administered in an amount ranging from about 0.05 g/kg/day to about 20 g/kg/day of compound in the composition.
- 10 13. The method of claim 1, wherein the composition is administered in single or divided doses.
14. The method of claim 1, wherein the composition is administered once, twice, or three
times daily.
- 15 15. The method of claim 1, wherein the subject is a human.