

Low Carbohydrate Dietary Intervention Improves Insulin, Hormonal Levels and Inflammatory Markers in Early Stage, Postmenopausal Breast Cancer Survivors

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include elevated estradiol levels, hyperinsulinemia, and increased inflammatory group of obese postmenopausal breast cancer survivors.

- 2. Evaluate efficacy of dietary intervention on decreasing serum hormone levels.
- 3. Evaluate efficacy of dietary intervention on decreasing serum insulin and inflammatory markers.



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Results (cont.)

A statistically significant improvement in the CRP level compared to baseline was also demonstrated with a 40% decrease at Week 19 (p=0.0272).



Conclusions

- 1. A low carbohydrate dietary intervention can successfully be implemented in a group of overweight breast cancer survivors to achieve significant amounts of weight loss.
- 2. A rapid and significant reduction in serum hormonal levels and serum inflammatory markers can be achieved with dietary intervention.
- 3. This feasibility study provides additional support for larger trials evaluating the role of carbohydrate restriction in cancer survivors.

References

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