

Multiple Myeloma in Remission after 6 Months of imuno® & Bravo

Patients

71 year old woman with multiple myeloma associated with severe chronic renal (kidney) insufficiency. (Antonucci N, 2019)

Treatment

- Weekly injection of 0.2ml of imuno®
- 50mls of Bravo Probiotic Yogurt twice a day.

Results

1. A dramatic decrease of serum free Kappa light chains from 2,190 to 119.40 mg/L.
2. Kappa/Lambda ratio went from 187 to 3.16.
3. Plasma cell bone marrow infiltration went from 20 to 5%.
4. Kidney glomerular filtration rate increased from 28mL/min to 34 mL/min.

References

Antonucci N, P. S. (2019, Jun 18). Use of an Extremely Biodiverse Probiotic & a Supplement Based on Microbial Chondroitin Sulfate is Associated with a Significant Decrease of Serum Free Kappa Light Chains as well as a Trend Toward Normalization of Kappa/Lambda Ratio & of Plasma Cell Bone Marrow Infiltration in a case of Multiple Myeloma. *American Journal of Immunology*, . <https://thescipub.com/abstract/10.3844/ofsp.12602>.