

**International Workshop
Summaries of Lectures
Presented at the 2004 General Meeting
of the BioBran Study Conference**

Regulation of the Defense Mechanism with Food

- Relationship between Tumor Dormant Therapy and Food Function -

Date: March 14, 2004 (Sunday)

Place: Kokuyo Hall



Dual Attack Therapy for Advanced Cancer

Takashi Omori

Ginza San Espero Omori Clinic

[Background] Cancer therapy is still evolving. Complementary and alternative therapies have attracted attention in Japan for about 10 years as ways of addressing the problem of adverse reactions to standard treatment modalities based on Western medicine. Recently, new therapeutic agents have been actively developed and therapeutic methods that take QOL more fully into consideration have been examined in the context of conventional therapeutic approaches. However, these approaches have just started, and immunity, neovascularization inhibition, and apoptosis can often be successfully assisted through a range of complementary and alternative therapies.

Given this environment, I have proposed the integration of complementary and alternative therapies into the standard therapeutic approaches.

[Methods] The following three major therapies corresponding to standard treatments were selected from various complementary and alternative therapies: immune therapy, neovascularization inhibition therapy, and apoptosis inducing therapy.

Immune therapy and neovascularization inhibition therapy used BioBran and shark lipid extract, respectively.

[Case Report]

- (1) A 52-year-old woman in whom a mass in the left breast had been palpable for several years underwent a close examination at a hospital. It was found to be breast cancer, but the patient refused surgery and left it untreated. The mass gradually became large and invaded the chest skin, with inflamed cells evident on the skin surface. When the patient visited my clinic, a small hemorrhage from the mucosa was noted. Surgery was advised but the patient continued to refuse it. Because she desired complementary and alternative therapy, treatment based on immune therapy and neovascularization inhibition therapy was initiated. About a month after treatment, the externally evident breast cancer tissue began to reduce in size. The patient desired to continue the complementary and alternative therapy, but surgical treatment was advised since hemorrhage from necrotizing cancer cells increased and anemia became worse. She agreed to undergo surgery and since that time the patient's condition has remained stable.
- (2) A 60-year-old man was diagnosed with prostatic cancer metastasized to the spine and underwent radiotherapy and hormonal therapy. Complementary and alternative therapy with BioBran and shark lipid extract was used to prevent recurrence. The level of the tumor marker PSA is stable with only a slight increase.
- (3) A 27-year-old man suffering convulsive seizures was proven to have a brain tumor and underwent treatment with γ -knife. To prevent recurrence, treatment with BioBran and shark lipid extract was used thereafter and is continuing. Symptoms and signs are stable.

[Discussion] I have practiced therapy combining a functional food, BioBran, which has immunopotentiating activity and neovascularization inhibitory effects, and shark lipid extract as a form of cancer therapy. The above results are supportive of complementary and alternative therapy, and their integration with standard treatment should be considered.