

Radiation protection for everyone Results of Prof. Shimotsura's scientific research after the Fukushima nuclear disaster

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INTRODUCTION

The Fukushima Daiichi Nuclear Power Plant (NPP) was severely damaged from the chain reaction of the Great East Japan Earthquake and Tsunami on 11 March 2011, and the consequent meltdown and hydrogen gas explosions. Radiocesium was dispersed from the Fukushima Dai-ichi disaster in March 2011, causing comparatively high radioactive contamination in nearby environments.

Several occupational health interventions were conducted, including setting of new regulatory exposure limits, improving workers' radiation dosimetry, administration of stable iodine, running an occupational health tracking system, and improving occupational medicine and preventative care.

High dose deterministic (tissue reaction) effects result when sufficient numbers of functioning cells are killed, such as in bone marrow depression that can lead to death. Lower dose effects are probabilistic in nature and include an increased risk of cancer later in life and heritable genetic defects.

Radiation protection studies are of diverse populations and include also patients treated with radiation for malignant and non-malignant disease; patients exposed for diagnostic purposes; persons with intakes of radionuclides; workers occupationally exposed; and communities exposed to environmental and accidentally released sources of radiation.

The major unanswered question in radiation epidemiology, however, is not whether radiation causes cancer, but what the level of risk is following low dose (<100 mSv) or low dose rate exposures. Paracelsus is credited with first articulating that the 'poison is in the dose', which for radiation epidemiology translates as 'the lower the dose, the lower the risk' and, an important corollary, the lower the dose, the greater the difficulty in detecting any increase in the number of cancers possibly attributable to radiation. Estimates to date of population doses suggest very low uptakes of radioactive iodine which was a major determinant of the epidemic of thyroid cancer.

RESULTS

Presented in Japan in 2016.

In his research, Prof. Shimotsura compared the effects of different natural therapies in irradiated patients.

Among them are two oils on our recommendation, essential oils of laurel and larch and walnut oil. The results of the study proved the high efficiency of the oil in the elimination of radioactive substances, primarily from the thyroid gland and other tissues.

Measurements were made at the beginning of the study before therapy. The radiation exposure dose was determined.

The therapy was carried out with several preparations (Diagram 1)

To remove the radioactive material, it was implemented Treatment for Radiation Exposition with: Drinking Hydroxyl Ion Water, Cilantro (Chinese Parsley) Tablet, ORT-Spring Tea *Mallotus japonicus*), Fucoidan. Nano Carbon, Bitter Melon, Optimal dose of Ginger & Caprylic Acid, Oil No.10("Laura nobilis", a layman as Bay leaf) Oil No.80 (Walnut oil)(Table 1)

The administration conducted the study. The results of the study, by measuring the amount of radioactivity of the thyroid gland, kidneys, reproductive organs, before and after therapy, indicate that oils containing organic potassium iodide in walnut oil and laurel oil were highly effective in eliminating radioactive cesium and strontium. Compared to other applied therapies, they belong to the most effective therapies. (Picture 1)

Picture 1
Diagnosis of the Patient Exposed by Radiation

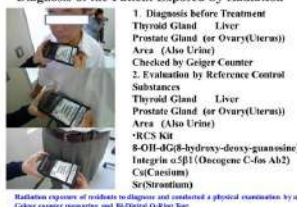


Diagram 1:
An example of the exposure measurement diagram before and after therapy for each patient

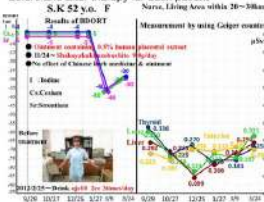


Table 1: Summary Clinical results of various therapies of all patients

| | Age-Range | Effective Rate (%) | |
|--|---------------|--|------------------------------|
| ① 高濃度水素水 (Hydrogen Water) | 10-50 (M1:F7) | 100% (8/8) 75%(6/8) 75.0%(6/8) | 放射線照射で、甲状腺が腫れた。甲状腺の腫れがなくなった。 |
| ② Oje10("Laura nobilis", a layman as Bay leaf) | 24-52(F5) | 100% (5/5) 40%(2/5) 20%(1/5) | セルビアからのオイル(月経痛の薬のオイル) |
| ③ Oje80 (Walnut Oil) | 2-53(F6) | 83.3% (5/6) 83.3%(5/6) 50%(3/6) | セルビアからのオイル(クルミ油) |
| ④ 巖石ホルンフェルス (Conglomerate Hornfels) | 1-65 (M33:F7) | 71.1% (64/90) 36.7%(13/90) 25.6%(12/90) | 産別酸が一番多い |
| ⑤ 竹藪甘藷菓子通 (Syakuyakakanzushito) | 43-72(F3) | 100% (3/3) 33.3%(1/3) 33.3%(1/3) | 10ヶ月まで低下する(1ヶ月-2ヶ月かかる) |
| ⑥ フコイダン (Fucoidan) | 15-58(M11:F1) | 50% (1/2) 50%(1/2) 0%(0/2) | 飲みづらかったら、長期間に飲む人がいなかった。 |

The efficiency in the elimination of radioactive substances with the therapy of bay essential oil was 100%.

Another study measured the amount of thyroid radiation and the effectiveness of walnut oil therapy was 83.3% (Table 1)

Learning objectives

The possibility of protecting the population from radioactive radiation in case of nuclear disasters. Introducing the research done by Prof. Shimotsura and his team and our recommendations on the effectiveness of natural therapies.

CONCLUSION

In the prevention of radiation, there are potassium iodide tablets, inorganic iodides that can have some unwanted effects, especially on the thyroid gland. Many natural therapies are known in the world that were applied and had an effect in the elimination of radioactive substances: Drinking Hydroxyl Ion Water, Cilantro (Chinese Parsley) Tablet, ORT-Spring Tea, *Mallotus japonicus*, Fucoidan. Nano Carbon, Bitter Melon, Optimal dose of Ginger & Caprylic Acid. A very effective therapy is with essential and cold-pressed oils essential oils of laurel and larch and walnut oil.

The results of the research show the possibility of preventive action before an accident occurs. And the most important thing is that this type of prevention is available to everyone, that it is cheap, and has no contraindications and side effects.

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