



# **Colloid Iodine Business scheme**

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## **Colloid Iodine Business purpose**



**The colloid iodine is an epoch-making material that contributes to the improvement and the promotion of health of the intractable disease including AIDS without the side effect.**

**Our company contributes to the promotion of health of people in the world by developing, manufacturing, and selling applied product of the colloid iodine.**

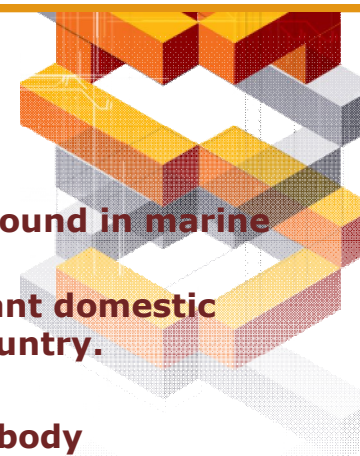
**Provide, without charge, Colloide Iodine as medicine for various intractable diseases such as AIDS to developing countries all over the world**

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# Colloid Iodine Description



## What is Iodine

Iodine is one of the element

The formula is  $I_2$ .

Iodine does not occur in nature in the free state. It is found as a organic compound in marine animals or be found trace amount in seawater.

It is eccentrically located underground trace amount in seawater. It is important domestic resource for Japan which does not have enough resources to export for the country.

Iodine is one of the 15 ultrafine trace elements which is necessary for human body

There are 29 kinds of elements consisting in our human body.

The majority of our body is made from water. Human body consists of 60% hydrogen atom, 25.5% carbon atoms, oxygen molecules, 10.5% carbon molecules, 2.4% nitrogen molecule. 98.7% of human body consists of these 4 kinds of elements.

Total percentage of the rest of 25 kinds of elements is 1.3% which is very small amount.

However they all are necessary for human body. One of the necessary trace element of them is Iodine.

## What is Colloid Chemistry

To understand what Colloid Chemistry, you might need to understand that there are about 60 billion cells building tissues or organs in human body. The life force (energy) for these cells are coming from minerals, metallic elements including iron, colloid, manganese and copper. These are almost same amount of trace minerals and trace metallic elements in human body which has about 32 minerals and metallic elements.

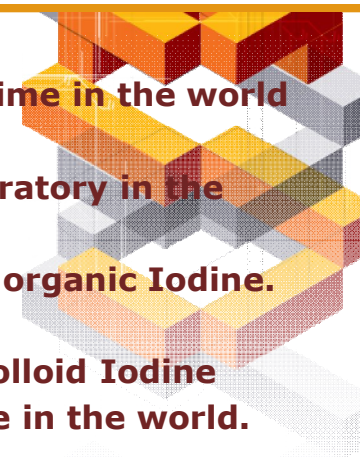
Colloid Chemistry is the chemistry to make these materials to micro particles and convert them to the size that bio cells are able to use.

These materials are supplied to the cell by the colloidal state in the natural situation.

It became possible to produce colloid state materials at experimental laboratories.

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## Profile of Kazuyoshi Satoh



**Profile of Chemist, Kazuyoshi Satoh who developed Colloid Iodine for the first time in the world**

- ❖ **Date of birth: 1941/5/25 Birth place: Niigata prefecture, Japan**
- ❖ **1980: Researched ultrafine metal Colloid chemistry at Atkinson research laboratory in the U.S.A.**
- ❖ **1990: started to research the process of the conversion inorganic Iodine into organic Iodine. Succeed to trace completely first time in the world (next year). This led him to the success of developing colloid iodine preparation=Colloid Iodine which is higher quality than organic Iodine. This was also the first time in the world. He also established stable processing technology. After that, he has stated to produce oral drugs and test reagents of Colloid Iodine solutions.**
- ❖ **1996: Passed the oral toxicity test on rats.**
- ❖ **2000: developing eye drops for eye trouble such as glaucoma, cataract, whole body cleansing wash for eczema, skin disease and iodination basic skin care products. Developed the colloid iodine with the effect of anti-cancer and the immunization efficacy through a lot of development results.**
- ❖ **2004: has been provided the authority by WHO (World Health Organization) to perform clinical examinations by organic Iodine to save several million people suffering from HIV/acquired immune deficiency syndrome especially a serious problem in developing countries. He performed clinical examinations (drug trial) cooperating with Thai Red Cross hospital in Thailand.**
- ❖ **2005: To the treatment of the intractable disease in a for drinking oral and the injection with the Colloid Iodine solution in a private practice under the doctors' instruction in Japan. About 700 patients' clinical trials are done.**

# History of the development



## History of the development of converting inorganic Iodine to organic Iodine

- ❖ **1811** French scientist, Bernard Courtois discovered Iodine. Gay-Lussac from France confirmed it is an element.
- ❖ **1828** development of iodine tincture. It is used as antiseptic for injury.
- ❖ **1919** A guru of pharmacy, Tamizou and Chiyozou Makino brothers succeed to reveal medicinal effect and manufacturing of Iodine.
- ❖ **1921** M.D. Tamizou Makino developed the technique of conversion inorganic Iodine to organic Iodine.
- ❖ **1950** Contributed treat to save atomic bomb patients in Hiroshima for one year. It was proved that Iodine has a great effect on radiation exposure.
- ❖ **1953** Established a drug company in Osaka by patrons' financial support. Started manufacturing and selling Iodine. medicinal effect permit items at this time were below. tuberculous disease, gastrointestinal disease, heart disease, kidney disease, peritonea, jaundice, asthma, neuralgia, brain blood, endometritis.
- ❖ **1968** Osaka Iodine drug corporation has received Medicine manufacturing approval permission by the ministry of Health and Welfare
- ❖ **1980** Kazuyoshi Satoh has researched ultrafine particle metal colloid chemistry for 2 years at Atkin research company in California, U.S.A.

# History of the development



- ❖ **1981** and after ...M.D. Noboru Iijima who is an emeritus professor of Saint Marianna University School of Medicine paid attention to the great medicinal effect of organic Iodine, researched originally for more than 10 years and worked on clinical medicine. He administered organic Iodine to intractable disease patients, confirmed a remarkable effect and left a lot of cases. The medicinal effect which any new medicine was not able to reach was admitted especially the cases such as high-blood pressure, arteriosclerosis, leukemia, gastric ulceration, duodenal ulcer, asthma, dysfunction of the liver, recovery after the brain disorder, cancer (stage1, stage2), antimetastatic, dementia.
- ❖ **1990** Kazuyoshi Satoh started to research the process of the conversion inorganic Iodine into organic Iodine and succeed to trace completely first time in the world about in one year. This led him to the success of developing colloid iodine preparation=Colloid Iodine which is higher quality than organic Iodine. This was also the first time in the world. He also established stable processing technology and also started to produce new test reagent.
- ❖ **1996** It was proven that it is innocuous at oral toxicity test on rats.
- ❖ **2000** developing eye drops for eye trouble such as glaucoma, cataract, whole body cleansing wash for eczema, skin disease and basic skin care products.
- ❖ **2003** started clinical test overseas because there is not public clinical test about iodine preparation in Japan. Clinical test for Colloid Iodine at Thai Red Cross hospital.
- ❖ **2004** WHO (World Health Organization) assumed they are able to expect the result for any kind of intractable disease such as HIV, cancer based on the amazing result on clinical test overseas and received clinical test permission by them. Applied permission to FDA (Food and Drug Administration) in the U.S.A. by the result of the clinical test.
- ❖ **2010** Significant treatment result for victims of HIV/AIDS by oral drink and injection solution treatment with Colloid Iodine solution was approved at Thai Ted Cross hospital.

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