

Down Syndrome & Autism

There is hope for them!

It may now be apparent that people with Down syndrome were born with seriously under-developed facial expression muscles (they have very weak lip closure strength). This is why all their faces show an open-mouth & chubby face expression. They normally encounter problems like Sleep Apnea, Swallowing, Speech disorders and Hearing difficulties. If they were to start lip-training exercises to strengthen the orbicular muscle of their mouth by using the Patakara Lip Trainer, change and improvement will be apparent sooner or later.

Autism

We do have positive reports on the effect of the Lip Trainer on Autistic children and we encourage you to seriously consider trying the device for any Autistic child that you may know of. Since Autism is a disorder related to brain function, the Patakara effect of blood flow to the brain (creating new synapses) and the stimulation of the parasympathetic nervous system cannot be overlooked.

We are confident of the positive effects of the Patakara. Please feel free to contact us, if you have any comments or need clarifications and assistance.

Just try to get the patients to increase their lip closure strength. It is a truly achievable goal!

Real-Life Cases for Down Syndrome

(See pictures below)

When a mother saw the result of using the Patakara on her Down syndrome child for nearly a year, she was very happy.

In fact, when the intelligence index inspection was carried out on the child after half a year of using Lip Trainer Patakara®, there was no numeric change. But suddenly, it was reported that the numerical value had improved greatly. But, the doctor explained that such a change at this age (about 10 years old) was very rare and as the numeric change of this time may be a mistake, he told the parent not to expect too much.

However, the child was monitored every day. When he was made to go through an intellectual operation which was different from a former one, he seemed to have greater confidence even before the inspection time.

At the time of the first medical examination, the hyperkinesias peculiar to the Down's syndrome was strong and he did not pay any attention to the surroundings in the waiting room. However, by continuously doing the Patakara exercise for 3 months, there was a change in his behaviour, though a small one. He even waited quietly in the waiting room, and was able to utter greetings to people

at the time of meeting and also after the examination was over. He came to be known as "Mr Clever".

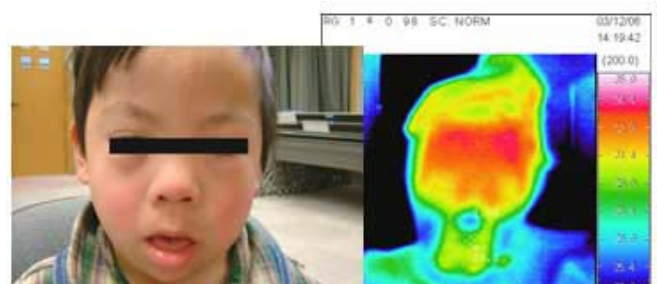
Genetic Defects could be circumvented after all

It is said that the Down's syndrome occurs because of chromosomal abnormality and it was assumed that the condition could not be changed. Though they may be born of normal parents, all persons with Down's syndrome have similar facial configuration. Moreover, it is reported that their intelligence stops at a level of about a three-years-old.

Besides this they have bigger than normal tongues, open dental arch, swallowing difficulty, articulation disorder and thick necks. Besides these, there are no other limitations. However, with the changes like those mentioned above, which occurred with the use of Lip Trainer Patakara, it is clear that even genetic defects may be circumvented through appropriate stimulations of the para-sympathetic nervous system.

The latest report from Japan (Feb.24.2005) indicated that Down syndrome patients who are using the Lip trainer showed improvement with IQ behaviour and hearing difficulty after 4, 6 and 8 months based on traceable data. Some parents intended to have their Down syndrome children go to normal school rather than go to special classes (for the education of physically or mentally handicapped children), once they see improvement through the use of this Myofunctional Therapy Device (Lip Trainer Patakara).

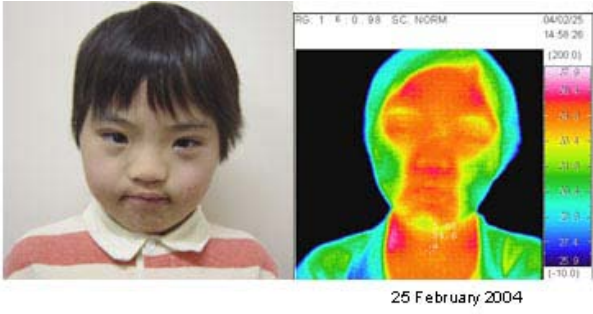
Thermography of typical 9 year old Down Syndrome child who has not used the device before.



Down Syndrome 10 years old boy who used the device.



Temperature at face and neck
after strengthening facial muscle
for 17 months



Posture of Down Syndrome boy who goes to normal
school now, after 3 years

