

トンガ王国における学校歯科保健プログラム —マリマリプログラム—

竹内麗理^{1, 2}, 河村康二^{2, 3}, 河村サユリ^{2, 3},
遠藤眞美^{2, 4}, 内田千鶴^{2, 3}, 横山恭子^{2, 3},
内野和顕^{2, 5}, Sisilia Fusi Fifita^{2, 6}

¹日本大学松戸歯学部生化学・分子生物学講座, ²南太平洋医療隊
³カワムラ歯科医院, ⁴日本大学松戸歯学部障害者歯科学講座
⁵横浜市立大学医学部, ⁶トンガ王国保健省VAIOLA病院

緒 言

南太平洋医療隊は1998年からトンガ王国において**子供たちへの口腔保健活動**（マリマリ（笑顔）のプログラム）を実施している。

マリマリプログラムは、**最初小さな事業であったが国際的事業へと成長**し、トンガ王国全土へ一様に広まり、現在は日本人の手から離れ、**トンガ人が自立して行え**、大人に対しても実施されるものに拡大された。

本報告では、マリマリプログラムを近年の成果とこれからの方向性ととともに紹介する。

マリマリアプログラム

☆ 学校歯科保健事業

- フッ化物洗口
- フッ化物配合歯磨剤での歯磨き指導
- 歯科検診, etc.

☆ Oral Health Festival

- 街での, 歯科検診, フッ化物応用, etc.

☆ 広報

- TV, ラジオ, 新聞, インターネットでの広報

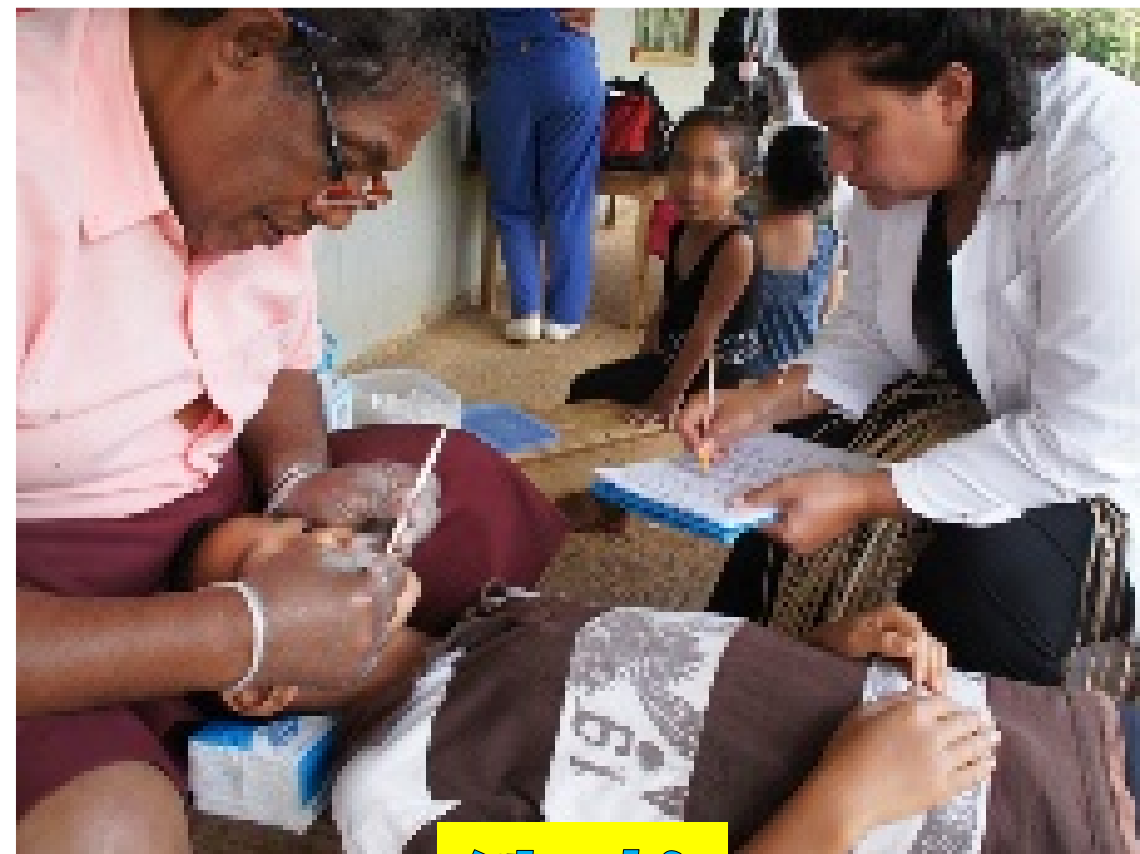
学校歯科保健事業



フッ化物洗口



教育



健診

Oral Health Festival





寄付

Workshop



障害者施設 歯ブラシ立て

ALL CATEGORIES

- Home
- ELECTION
- GENERAL
- GOVERNMENT
- INTERNATIONAL RELATIONS
- AID PROGRAMS
- APPOINTMENTS
- WHO'S WHO
- MIC ARCHIVES

PHOTO GALLERY

Click to view LATEST ALBUM



HAVE YOUR SAY:

'Ikale Tahī
Go 'Ikale Tahī ! Make us all proud!

Number 8

Show More Testimonials
Add A Testimonial

WEATHER WATCH



Who's Online

We have 370
guests online

Malimali program continues to improve school-based oral health in Tonga

Sunday, 21 August 2011 00:00 [NEWS TODAY](#) - [Community-based](#)

19 August 2011 In coinciding with the launch and hand-over of five hundred copies of five illustrated children's books on oral health care and nutrition, a team of dental experts and hygienists are currently in Tonga to conduct school visits under the 'Malimali Program', to promote the importance of oral health care.

The Malimali Program movement was first initiated by the Mr. and Mrs. Kawamura in 1998. In 2006, the program then became known as the Malimali Program.

For over 13 years now, the program has achieved significant improvement of oral health among active participants of the program from May 2006 to March 2009 under JICA's support.

In November 2009, the Ministry of Health together with the Ministry of Education, Women Affairs and Culture and in collaboration with SPMT under JICA Partnership Program signed the Minutes of Meeting to continue the strengthening the school-based oral health in the Kingdom of Tonga.

This year, on 4 August, WHO Director and University Professor Murray Thompson and Dr Sayuri Kawamura, Dr Seigo Kobayashi (Professor of public and dental Health in Nihon University); Dr Reiri Takeuchi(Dentist Pharmacology); Dr Mami Endo; Dr Nobuko Nihei and a Medical Dr Kazunori Uchino arrived in Tonga to hold a workshop at Vaiola Hospital as well as making kindergarten and primary school visits.



Founder of Malimali; Dr. Mrs. Kawamura

The Malimali team also visited the Alonga Center, health centers in Ha'apai and primary schools in 'Atata.

The program also involved much-needed parents and teachers' consultations, who both plays a major role in encouraging young children to brush teeth regularly, reduce sweets food and drink intake and the teaching of proper brushing habits and dental treatments.

Health and Education are main priority areas in Japan's Official Development Assistance programs in Tonga.

The Government of Japan, through JICA, approved to continue assistance in promoting Oral Health Activity programs for school children and lower age groups around four islands groups.

The Malimali Program is to promote oral health care throughout kindergartens and primary schools Tongatapu, Vava'u, Ha'apai and 'Eua until March 2012.

ENDS

Issued by the: Ministry of Information and Communications, Nuku'alofa, 2011.

Last Updated (Monday, 29 August 2011 23:51)

'i ai foki mo e ngaahi me'a makehe 'oku tokanga ki ai 'a e Komiti,
15- 'Oku to e faka'amu pe 'a e komiti ke fakahoko atu 'emau ta'efiemalie ki he polokalama 'a e 'Ofisi Palemia he efiati

na'e 'oatu 'a e tohi ni kia Paula Ma'u, Sekelitali Pule Le'ole'o mo Sekelitali Le'ole'o ki he Kapineti.

Foki e Timi Nifo 'a'ahi mei Siapani



Na'e mavahe atu 'i 'Akosi 18 e Timi Ngāue Fakafaito'o ki he Pasifiki Tonga mei Siapani, hili ia ha'anau 'a'ahi mai ki Tonga ni talu mei 'Akosi 6.

Ko e Timi ni, na'e Taki mai ai 'a Toketā Kawamura

foki, ko e kongā ia 'enau fakakakato 'a 'enau polokalama 'a'ahi fakata'u mai ki Tonga ni..

Na'e lava mai foki e timi ni ia, mo ha ngaahi polosi fulunifo, kilimi fulunifo, ngaahi folōlaite ki he nifo

Sililo Tomiki.

Ko e ta'u hokohoko'aki eni 'e 6 e kamata 'a e Polokalama ni, ka ko e ta'u'aki pē 'e fa e toki kau atu 'a Tonga ni ki ai, 'o makatu'unga mei ai 'a e folau hokohoko mai ko eni e Timi ni ke fengae'aki



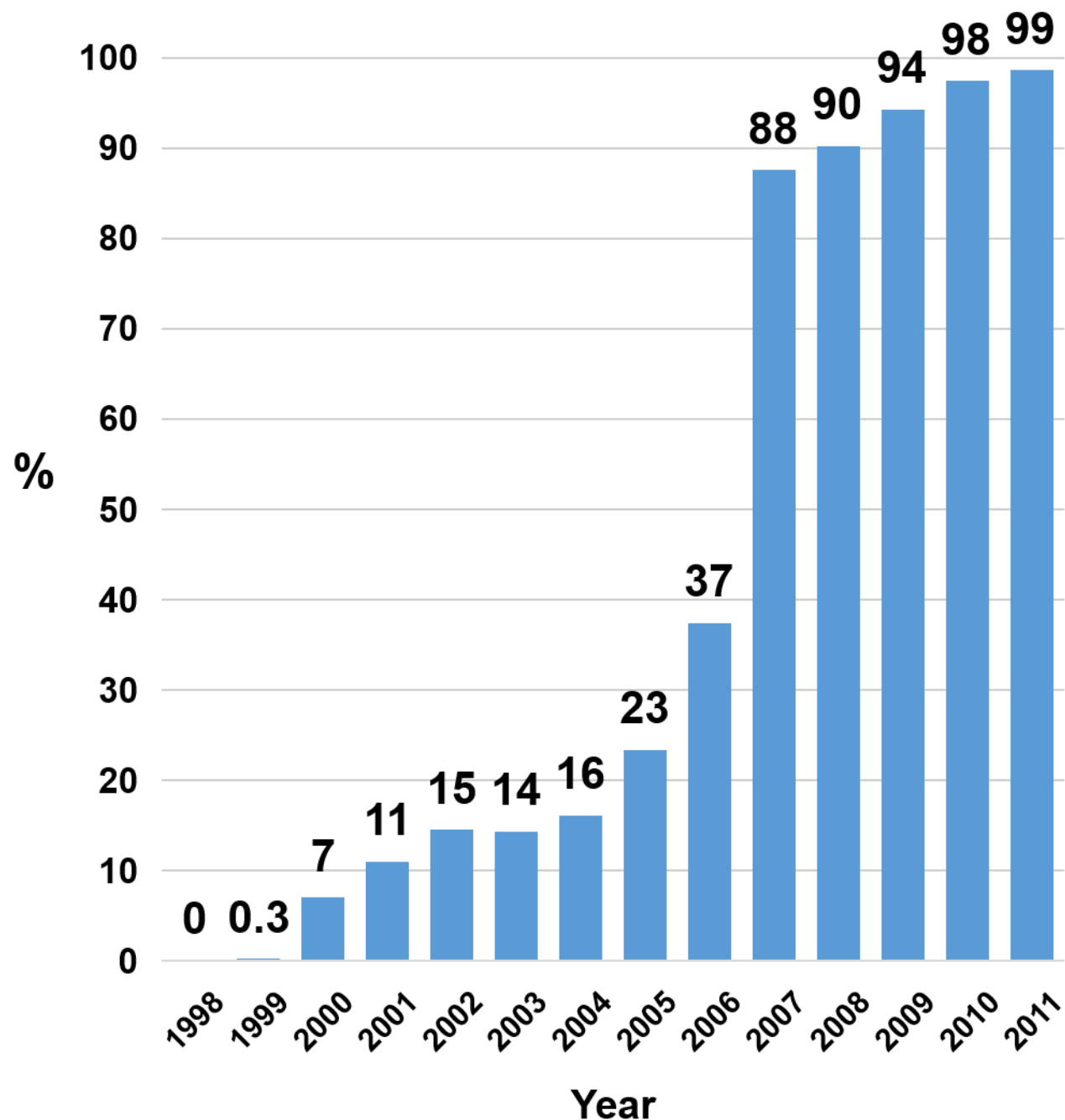


Figure 1 Percentage of the children enrolled in the MaliMali Program by year in the Kingdom of Tonga

Table 1 Prevalence of caries in 12-year-old children in the Kingdom of Tonga, 2001 and 2011

	Sex	Year	
		2001	2011
Mean DMFT	Boys	4.40	2.08
	Girls	5.81	2.38
	Total	4.86	2.20
DMF person rate (%)	Boys	89	65
	Girls	91	73
	Total	90	68

N = 51 (boys), 25 (girls), 2001;
133 (boys), 90 (girls), 2011

さあ、みんなで、
マリマ〜リー（笑ってー）



トンガ王国の国土 720 km² (東京23区 621 km²)

人口：10万5千人 (14歳以下の子供 38%)
病院：4施設
歯科医師
デンタルセラピスト
デンタルナース

Tonga Islands
約170の島々

トンガタプ本島
259 km² 人口7万人

首都ヌクアロファ