

# ROTARY CLUB OF BALLARAT WEST



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CHARTERED 1986

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Dr. Adam Friedrich  
Pahran Dental  
228 Malvern Rd  
Pahran 3181  
27/4/2017

Dear Adam

I am writing to thank you for your donation of a Lisa Type B autoclave. This valuable piece of equipment is now on its way to the Tonga Dental Department at the Vaiola National Hospital in Nuku'alofa where it will be the first of its type there and will prove to be very useful.

We have had a dental biomedical engineer Joe Manu here for a month's refresher training course with Cale Ziola at Dentequip. Our Rotary club trained Joe to look after the dental equipment in Tonga over 10 years ago and he is the only such indigenous trained person in the South Pacific and we keep in regular contact. Joe now does an outstanding job keeping all the dental equipment operating on all the islands and will set up the Lisa to work at the Vaiola Hospital, Nuku'alofa.

I have attached an article on his visit in which you will see a picture of Joe and your autoclave along with a selection of dental spare parts we put together for Tonga. These were shipped along with other donated items from St John of God Hospital Ballarat earlier this month.

On behalf of the Rotary Club of Ballarat West, the Tonga MOH and myself we thank you again Adam for your generous donation which will be put to good use.

Kind regards

A handwritten signature in blue ink that reads 'David'.

David Goldsmith

## **Report on Mr Sioeli Uho Manu's Dental training attachment with the Rotary Club of Ballarat West March 3rd to April 1st 2017**

A one month refresher course on dental equipment maintenance and repairs was arranged by Tonga CDO Dr 'Amanaki Fakakovikaitau between the Dental Department of the Tonga Ministry of Health and the Rotary club of Ballarat West, Australia. This is a continuation of a well established dental equipment training and installations program which dates back to 2001 between Mr Sioeli Manu and Australian dental equipment engineers Peter Copp and Cale Ziola as Rotary volunteers.

Mr Manu (Joe) has made several visits to Australia to update his skills but the latest one was back in 2006. There have been many changes in dental equipment over the past 10 years so this was a welcome opportunity for Mr Manu to upgrade his skills.

This maintenance twinning arrangement has been enormously successful and was followed up by unpaid volunteer team visits to Tonga in most of the years between 2001 and 2014. This collaboration with Mr Manu and particularly PHF Mr Peter Copp has resulted in the supply and installation of something like 20 dental chairs with the upgrading of dental clinics, a dental caravan, prosthetic facilities and other dental infrastructure in Tongatapu, Ha'apai and Vava'u as well as the supply of tools and spare parts over a period of many years.

This has resulted in the smooth running of the dental department's equipment needs throughout Tonga including some of the outer islands by the only such trained indigenous dental biomedical engineer in the South Pacific. Being largely self sufficient in this area is something Tonga can be justly proud of and something that has saved the MOH in Tonga a large amount of money and equipment down time and ensured continuity of dental services to the community. A less tangible but important and satisfying result has also been the goodwill and friendship that has resulted from this twinning visits which date back to 1995.

This visit was arranged with accommodation close to Cale Ziola's Dentequip company's premises in Werribee Victoria. This was ideal as the program involved travelling around a large number of geographically diverse dental practices in Victoria so they were able to travel together. Mr. Cale Ziola and Joe Manu work well together so the visit proved to be not just instructive but also a very harmonious one. The days were long and the work quite intensive but this has proven to be the best way to gain much useful experience in the short time available

Mr Manu also met with Peter Copp continuing a long established connection dating back to the 1990s and obtained a useful collection of donated spare parts suitable for Tonga. Cale Ziola added to this targeted collection which is now on its way to Tonga in a Rotary shipping container along with a large consignment of goods from St John of God Hospital in Ballarat c/o John MacDonald.

Attached is a list of Joe's work experiences for the first 3 weeks

* Suction Repairs at Abbotsford * Repair Split Suction hose at Camberwell	* Re Install Chair	* Inspection of leaks at Lalor * Load Van & Trailer for Major Install on Thursday 23/03	* Install 3 x Chairs at Swan Hill	* Site clean at Maidstone
<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
* Building Handpiece unit with Fibre Optics & Scaler from Scratch	* Inspect/ Replace suction hosing at Ferntree Gully	* Building Handpiece unit with Fibre Optics & Scaler from Scratch	* Building Handpiece unit with Fibre Optics & Scaler from Scratch	* 2 x Chair Service, Inspect Suction issue, Inspect expose wire on ultra sonic at Glen Waverly
<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
* Cattani Training	* Cattani Training	* 2 x Chair Service at Springvale	* Handpiece Training (Learning repairs)	* Handpiece Training (Learning repairs)
<b>Monday</b>	<b>Tuesday</b>	<b>Wednesday</b>	<b>Thursday</b>	<b>Friday</b>
* Assessment in the field	* Assessment in the field	* Assessment in the field	* Assessment in the field	* Assessment in the field

These are some of the experiences Cale has identified that Mr Manu will have benefitted from as a result of this visit

- 1) Better understanding of complete network of hydraulic, pneumatic & electro-valves internally covering a vast array of dental equipment.
- 2) Improved trouble shooting techniques & testing procedures
- 3) Isolation of faults & corrective repair measures.
- 4) Preventative maintenance across a vast array of different types of dental equipment.
- 5) Involvement in the design & planning of surgery set ups.
- 6) Discussions on future equipment needs for Tonga, especially for some planned outer island clinics

We are very grateful to Cale Ziola and Dentequip for the time and expertise so generously donated to the project, to Peter Copp and to Dentequip for spare parts donations, and also to Kava Tu'imeiuta and family for their help with the attachment

Thank you to the Dental Department and the Tonga Ministry of Health for sponsoring Mr Manu's visit and we look forward to further cooperation in the future.

Kind regards

David Goldsmith



Some pictures from the attachment; March 2017



Mr Sioeli Manu working in dental practices with Mr. Cale Ziola in Victoria



Spare parts for Tonga

With Peter and Mary Copp and more dental spare parts for Tonga



Joe & DG; Social get together for all the hosts and families in Melbourne; Cale Ziola & wife Chloe are on the right

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