



President's Message

On behalf of the committee of ACLAPA I would like to welcome you to this our first "newsletter". I hope you find it interesting and valuable. I would encourage all members to contribute to the newsletter. Any announcements, conference reviews, collaborative research proposals or other articles you would like included in the newsletter can be forwarded directly to me or any of the other Committee members. Newsletters will be released once every 3 or 4 months. Without your support the newsletter will not succeed.

Last year's ACALAPA meeting was combined with the Royal Children's Hospital, Melbourne, Paediatric Plastic Surgery course, and was a great success. The feedback I received was all positive and I would like to congratulate the Convenors, Associate Professor Andrew Heggie and Dr Heather Cleland and their organising committee. Pre-Conference symposia were held for Speech Pathologists, Orthodontists and ENT Surgeons.

At the AGM in Melbourne it was agreed that ACLAPA meetings should be held on a second yearly basis. The next meeting

will be held in Queensland in 2009. More information on this will be included in the next newsletter. The following ACLAPA meeting, in 2011, will be a combined meeting of the Australasian Cleft Lip and Palate Association and the Asian Pacific Cleft Lip and Palate Congress. Arrangements have commenced for this meeting to be held in Perth.

The Australasian Cleft Lip and Palate Research and Education Fund was established after the 7th International Congress on Cleft Palate and Related Craniofacial Anomalies in Broadbeach in 1993. This fund was set up to support cleft related research and to bring local and international speakers to our meetings. The Chairman of the Research and Education Fund is David Fitzsimons. Any applications for support of research projects should be directed to David. A *Grant Application Form* will soon be available to download from the ACLAPA website: (<http://cleft.org.au/>).

Australia is large in size but small in population. If we are to improve the care we provide

for our patients with cleft related deformities we must improve communication both between individual practitioners and between specialist Cleft Lip and Palate Units. Improved communication will hopefully lead to better collaboration between Units, better research into patient care and ultimately improved patient outcomes. This is where I believe ACLAPA has an important role to play. ACLAPA can provide regular newsletters and also meetings every second year. The committee strongly believes that the time has come for us in Australia and New Zealand to review our patient outcomes in a standardised fashion (as was done in the UK in the CSAG Project. Sandy et al Cleft Care in the UK. Cleft Palate – Craniofacial Journal, January 2001, Vol 1.38 No.1)

In each newsletter one Cleft Unit will tell us a little about their history, team structure and management protocols. In this first newsletter, we, the Princess Margaret Hospital, in Perth, Cleft Lip and Palate Unit, will present our story.

DAVID GILLET
ACLAPA President

ACLAPA ENDORSED MEETINGS

APRIL 2008

American Cleft Palate / Craniofacial Meeting will be held from April 14-18 2008 in Philadelphia, Pennsylvania.

www.acpa-cpf.org

JUNE 2008

The Goslon Yardstick Training Course will be held June 23 -25, 2008 at the Bayview on the Park Hotel, Melbourne. The course will be presented by Mike Mars and has received a significant response. There are only a few places left for those interested in this training.

A course flyer can be emailed on request from the following address:
wendy.nicholls@health.wa.gov.au

APRIL 2009

The 2009 ACLAPA Meeting will be held in conjunction with the College of Surgeons Meeting at the Brisbane Convention Centre. The exact date and theme for the Meeting will be announced shortly.

SEPTEMBER 2009

The 11th International Congress on Cleft Palate and Related Craniofacial Anomalies

will be held September 6 - 11, 2009 in Fortealeza, Brazil. The preliminary scientific program has been released and more information is available on the website
www.agoraeventos.com.br/cleft2009

2011

The Asian Pacific Cleft Lip and Palate Congress will be held in conjunction with the ACLAPA Meeting in Australia in 2011. Exact dates and theme to be announced in following newsletters.



ACLAPA COMMITTEE

President	David Gillett (Plastic Surgeon) WA Email: davidgillett@plastic-surgeon.com.au
Vice-President	David Fitzsimons (Speech Pathologist) NSW Email: davidf@chw.edu.au
Secretary	Wilma McBain (Unit Co-ordinator) WA C/- Cleft Lip and Palate Unit Princess Margaret Hospital GPO Box D184 PERTH WA 6840 Phone: 08 9340 8573 Wk Fax: 08 9340 8135 Email: wilma.mc Bain@health.wa.gov.au
Treasurer	Peter Southall (Orthodontist) WA Email: psouthall@westnet.com.au
Committee	Shyan Vijayasekaran (ENT surgeon) WA Email: shyan@entkids.com.au Wendy Nicholls (Research Associate) WA Email: wendy.nicholls@health.wa.gov.au

ARTICLE

The use of PSO

The Orthopaedic Appliance is a dental plate that is individually designed by the paediatric dentist.

It facilitates feeding by creating an effective seal over the cleft and encourages normal tongue posture whilst restoring the oro-facial functional matrix.

The aims of Pre-surgical Orthopaedics include:

- Improvement of skeletal and soft tissue alignment prior to surgery to facilitate surgical management of the cleft lip and nasal deformity
- Facilitation of feeding
- Encouragement of normal tongue posture
- Restoration of orofacial functional matrix
- Psychological support for the parents



PRINCESS MARGARET HOSPITAL—Cleft Lip & Palate History

The Princess Margaret Hospital Cleft Lip and Palate Unit was established in 1954 by Harold McComb, Plastic Surgeon. He was assisted by Speech Therapists Neil O'Halloran and Dorothy Adams. Kevin Henderson was the first Orthodontist involved in the care of cleft children in Perth. In 1966 Bill Brogan, Orthodontist, and Lindsay Gray, Ear, Nose and Throat Surgeon, joined the cleft team.

Harold McComb and Bill Brogan worked closely for many years, developing the role of pre-surgical orthopaedics and primary rhinoplasty in the management of children with cleft lip and palate.

Harold McComb and Bill Brogan were also instrumental in the creation of ACLAPA and bringing the first International Congress on Cleft Lip and Palate to Australia in 1993 in Broadbeach. The late 1970's saw the appointment of a Clerical/Clinical Co-ordinator.

Harold McComb was the first Chairman of the CL&P Unit from its inception until his retirement in 1989. Tony Baker, Plastic Surgeon, joined the Cleft Lip and Palate Team in 1977, taking on the role of Chairman upon Harold McComb's retirement and remained chairman of the CL&P Unit until his retirement in 2006.

Other Plastic Surgeons involved in the management of the cleft patients at Princess Margaret Hospital include C.V. Thomas, Mark Allison, and Fiona Wood.

Pre-surgical orthopaedic management within the Team was initially undertaken by Bill Brogan. Bill Brogan was the Senior Orthodontist in the Unit from 1966 until his retirement in 1998. Other Orthodontists playing an important role included Peter Dillon and Kim Mezger.

In the early development of the Cleft Team Dennis Clements and Lindsay Gray from the Ear, Nose and Throat

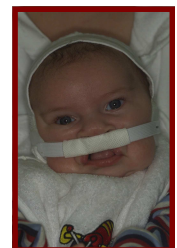
Surgery Department were closely involved with the development of the Team. Associate Professor Harvey Coates joined the Team as the Senior Ear, Nose and Throat Surgeon in 1977.

Speech Therapy, subsequently re-named as Speech Pathology has always played a very important role in our management.

Nikki Blond, Speech Pathologist, worked very closely with Harold McComb and Bill Brogan for many years and was Head of Department.

Jan Raphael and Ros Barnes played very important roles in establishing speech protocols and record taking at Princess Margaret Hospital.

We acknowledge and thank the many individuals who, over the years have given their skills and expertise to the Unit.





PMH CLEFT LIP AND PALATE UNIT



Approximately 50 new babies are born per year with cleft lip and palate deformities in Western Australia.

The patients are transferred within the first 72 hours of delivery to the neonatal Unit at Princess Margaret Hospital. Patients' with isolated cleft lip deformities present within the first 2-3 weeks of birth at the Cleft Clinic. All patients requiring Pre-surgical Orthopaedics are seen no later than 72 hours with the plate and bonnet to be worn from that time. The Time Line on Intervention is outlined below.

Cleft Lip and Palate Clinics were initially held on a fourth-weekly basis on a Friday morning. In 2006 due to the increasing number of patients, the frequency of the clinics was increased to three in two months. We also hold a monthly Orthognathic Planning meeting, a monthly Bone Graft Clinic and a monthly Craniomaxillofacial meeting.

The PMH Cleft Lip and Palate Team are regular attendees at both National and International meetings. The Team has been represented at all meetings of the Australasian Cleft Lip and Palate Association and also all meetings of the International Cleft Lip and Palate Association meetings since Toronto in 1977. The inaugural meeting of the Australasian Cleft Lip and Palate Association was held in Perth in 1989 and the International Cleft Lip and Palate Association meeting held in Broadbeach in 1993 was organised and run by the Perth Cleft Lip and Palate Unit.

Recent Research Papers have been published from the Unit on:

- *Antenatal Diagnosis of Cleft Lip and Palate*
- *Mandibular Distraction: the management of Pierre Robin Sequence*

- *Distraction Osteogenesis for Cleft Related Deformities.*

Ongoing Research projects include:

- A soon to be published cross-sectional- longitudinal cross section Management of Unilateral Cleft Lip and Palate with particular reference to dental arch forms – GOSLON Yardstick.
- A cross-sectional – longitudinal review of Bilateral Cleft lip and nose results with particular reference to the nasal growth and development.
- A 3-Dimensional Facial Profile study in West Australian children from infancy to Adulthood to establish a normative reference range.

PMH CLEFT LIP AND PALATE UNIT—Current Team

Position	Name
Plastic Surgeon	David Gillett, Timothy Hewitt
Orthodontist	Steven Singer, Peter Southall
Paediatric Dentist	John Winters, Peter Readman, John Camacho, Vanessa William, Mark Foster
Prosthodontist	David McNamara, Ian Lander
Periodontist	Albert Tan
Oral Surgeon	Ian Rosenberg, Evan Kakulas
Dental Therapist	Alison Rodoreda
Otolaryngologist	Harvey Coates, Francis Lannigan, Kwong Lew, Tim Cooney, Shyan Vijayasekaran
Audiologist	Jye Krishnaswamy
Speech Pathologist	Terry Washbourne, Jan Raphael, Narelle Pearce, Rose Phillips
Research Scientist	Mark Walters
Research Associate	Wendy Nicholls
Cleft Lip & Palate Unit Coordinator	Wilma McBain

Also included are the following members of staff:

Plastics Registrar,
Dental Registrar,
Social Worker
Genetic Counsellor
Neonatal Paediatrician
Visiting Nurses/ Aboriginal Liaison
Psychiatrist/Psychologist



PMH Cleft Lip and Palate Protocol

Age	Records			Reviews				Comment
	Photos	Models	X-rays	Plastics	Speech	Dental	ENT	
Antenatal				✓				
Birth	✓	✓ *		✓		✓		*Pre-surgical orthopaedics
3 months	✓	✓ *		✓				Surgical Lip Repair/ anterior palate. Pre-surgical impressions.
3-6 months				✓	✓ *			* Parent counselling
6 months							✓	Initial assessment
9 months	✓	✓ *		✓			✓ *	Complete palate repair *grommets as required. Pre-surgical impressions.
12 months				✓	✓ *	✓ *	✓	*assessments
18-24 months				✓	✓	✓	✓	Reviews as required
3 years	✓			✓	✓	✓	✓	Reviews/ Pharyngoplasty as required
6 years	✓	✓	✓	✓	✓	✓	✓	Reviews/ initial orthodontics as required
9 years	✓	✓	✓	✓	✓	✓	✓	Reviews/ alveolar bone graft as required
12 years	✓ +3D		✓	✓	✓	✓	✓	Reviews/ permanent dentition orthodontics as required
15 years	✓		✓	✓	✓	✓	✓	Reviews as required
18 years	✓	✓	✓	✓	✓	✓	✓	Reviews/orthognathic surgery as required



ABN: 59 665 583 905

PMH CLEFT LIP AND PALATE UNIT— Profiles



Terry Washbourne

Terry Washbourne is the Head Cleft Speech Pathologist at PMH, and a valued member of the Cleft Team, specialising in cleft lip and palate and cranio-facial anomalies.

Terry began in the Speech Department in 1994 and was asked to join the Cleft Team in 1995. Her wealth of skills and experience include working with both paediatrics and adults in a variety of settings which have included country and metropolitan hospitals, community health and disability services.

For the past fourteen years Terry has concentrated on developing and refining her skills in the specialty areas of cleft lip and palate, velopharyngeal dysfunction and cranio-facial anomalies

Mark Walters

In 2001 Cranio-Maxillo-Facial Research Scientist Mark Walters was appointed to the Unit to set up a Cranio-Maxillo-Facial Research and Development Laboratory.

We have since incorporated 3-Dimensional surface scanning (3DMD) into our record taking protocols. Our orthognathic and cranio-facial planning is facilitated by virtual reality surgery and 3D model and splint manufacture.

