

LEE EXCELL

TWELFTH REPORT OF THE
AUSTRALIA AND NEW ZEALAND
COMBINED DIALYSIS AND TRANSPLANT REGISTRY
(ANZDATA)

EDITED BY DR. A.P.S. DISNEY

JUNE 1989



SPONSORED BY THE AUSTRALIAN KIDNEY FOUNDATION

**TWELFTH REPORT OF THE
AUSTRALIA AND NEW ZEALAND
DIALYSIS AND TRANSPLANT REGISTRY
(ANZDATA)**

JUNE 1989

EDITED BY DR. A.P.S. DISNEY

CANCER REPORT BY PROF. A.G.R. SHEIL

PAEDIATRIC SURVEY BY DR. PAUL ROY

ABORIGINAL PATIENT REPORT BY DR. D.J. PUGSLEY

**THE AUSTRALIAN KIDNEY FOUNDATION
GRATEFULLY ACKNOWLEDGES THE ASSISTANCE OF**

**THE NEW ZEALAND GOVERNMENT
THE QUEEN ELIZABETH HOSPITAL
SANDOZ PHARMA LTD. NEW ZEALAND**

IN SPONSORING THE REGISTRY

**ADDITIONAL SUPPORT FOR THE REGISTRY
HAS BEEN MADE AVAILABLE FROM THE
NATIONAL HEALTH AND MEDICAL RESEARCH COUNCIL.**

**PRINTED AND PUBLISHED AT
THE QUEEN ELIZABETH HOSPITAL, WOODVILLE. SOUTH AUSTRALIA**

ISSN0727-3738

Ring Word Perfect

LIST OF PARTICIPATING HOSPITALS

QUEENSLAND

9 *WATMOOK*
Goldcoast Hospital
Greenslopes Repatriation Hospital
Princess Alexandra Hospital
Rockhampton Hospital
Royal Brisbane Hospital
Toowoomba Hospital
Townsville Hospital
WESLEY HOSPITAL

NEW SOUTH WALES

16
Blacktown Hospital
Canberra Hospital
Concord Repatriation General Hospital
Lidcombe Hospital
Mater Misericordiae Hospital
The Prince Henry Hospital
Royal Alexandra Hospital for Children
Royal Newcastle Hospital
Royal North Shore Hospital
Royal Prince Alfred Hospital
St. George's Hospital
St. Vincent's Hospital
Sydney Adventist Hospital
The Westmead Hospital
Wollongong Hospital
TAMMORTH

VICTORIA

The Alfred Hospital
The Austin Hospital
Fairfield Infectious Diseases Hospital
Geelong Hospital
Heidelberg Repatriation General Hospital
Prince Henry's Hospital
Royal Children's Hospital
Royal Melbourne Hospital
St. Vincent's Hospital
Victorian Paediatric-Monash Medical Centre

TASMANIA

Launceston Hospital
Royal Hobart Hospital

SOUTH AUSTRALIA

The Adelaide Children's Hospital
Flinders Medical Centre
The Queen Elizabeth Hospital
Royal Adelaide Hospital

NORTHERN TERRITORY

Royal Darwin Hospital

WESTERN AUSTRALIA

Perth Medical Centre
Princess Margaret Hospital for Children
Royal Perth Hospital

NEW ZEALAND

Auckland Hospital
Christchurch Hospital
Dunedin Hospital
Waikato Hospital
Wellington Hospital

SATELLITE CENTRES

Cairns
Keperra
Mackay
Sandgate

07 2402 111

Jim Blair (Logan) next opens May 90.

Canberra Community
Dialysis Centre

Gosford
Grafton

Lismore

Tamworth

Wagga Wagga

SHELL HARBOUR

MARRICKVILLE

ORANGE

LANCELEY (HOSPITAL GROUNDS)
02 4388257

John Mackay

Brunswick

Caulfield

East Preston

North Melbourne

Gavin Beaton

03 3477 111

North Adelaide

Port Augusta

Wayville

Community Health,

Alice Springs

Nightcliff Community

Quintie House

John Mackay
Kelvin

INTRODUCTION

The Twelfth Report from the Australia and New Zealand Dialysis Transplant Registry is again testimony to the commitment and skills of Alex Disney ably supported by Lee Excell. The discerning reader will notice we have moved into a somewhat more sophisticated style of desk top publishing with our own graphics package, printer/plotter and laser printers. As a result the quality of production has improved. We continue however, to prefer to spend our precious dollars on increased content and to produce the analyses promptly rather than pay attention to style and gloss. This Report contains a wealth of information mainly drawn from the survey period ending 31st. October, 1988 and appearing only seven months later.

ANZDATA has accepted an invitation from the Transplant Coordinators to house a donor data base for all organ donors. This will be run separately from the kidney data base but will, through its existence, allow for more sophisticated output on kidney donors than has previously been possible. This exciting new venture will significantly contribute to the analysis of donation rates and the appropriate utilisation of organs throughout Australia.

The critical issue at the time of writing is that of adequate funding for the Registry. Funding for the last three years (up to December, 1989) has come in approximately equal amounts from the Australian Kidney Foundation and the NHMRC. We have applied again for a three year grant in aid from the NHMRC and hold high hope of continued funding. However, additional funds are needed if we are to cope with the increasing size and complexity of the data base and to further extend the analyses undertaken. It seems unreasonable to expect the AKF to divert more of its research dollars to this cause. In recognition of the enormous contribution the Registry has made to Health Planning, a submission has been made to the Commonwealth Government for additional funds.

We have been blessed through the years with a remarkable stability in staffing and this happy state continues. Nichola Amiss, (a part time computer programmer) has been joined by Leigh Roeger (part time programmer) to assist in computing aspects. Lee Excell has been with us from the start and has been supported for the last twelve months by Irene Armstrong on a part time basis. I have often described the Registry operation as being "on a shoe string" - as our staff numbers increase and our space allocation by The Queen Elizabeth Hospital remains static, perhaps a shoe box would be a more apt description.

ANZDATA Registry is the responsibility of the Registry Subcommittee of the Joint Dialysis and Transplant Committee of the AKF and the Australasian Society of Nephrology. The annual meeting of the committee will be in Sydney in July at which time constructive criticism and new ideas will be welcome from all contributors.

This Report is posted to a large mailing list throughout Australia, New Zealand and overseas. Should you know of anyone who wishes to join the mailing list, please let us know.

TIMOTHY H. MATHEW
CHAIRMAN - ANZDATA REGISTRY

TABLE OF CONTENTS

	<u>Page</u>
<u>AUSTRALIA</u>	1
SUMMARY	3
NEW PATIENTS	11
PRIMARY RENAL DISEASE	19
ANALGESIC NEPHROPATHY	21
LIKELIHOOD OF TRANSPLANTATION	23
REHABILITATION/QUALITY OF LIFE	26
DEATHS	28
DIALYSIS	31
TRANSPLANTATION	49
<u>SPECIAL SECTIONS</u>	81
PAEDIATRIC SURVEY	83
ABORIGINAL PATIENT REPORT	91
CANCER REPORT	99
<u>NEW ZEALAND</u>	111
<u>APPENDIX:</u> Detailed stock and flow summary	135
<u>STATISTICAL METHODS</u>	164
<u>INDEX</u> of previous Registry Reports	168

Further detail of contents precedes each major section.