

PAEDIATRIC NURSING IN AUSTRALIA AND NEW ZEALAND

Third edition

The health of babies, children and young people is fundamentally different from that of adults, so their healthcare must reflect their unique needs and respectfully engage their parents, family members and communities. *Paediatric Nursing in Australia and New Zealand* introduces nursing students to the care of infants, young children, children, young people and their families in a range of clinical and community settings across Australasia.

This third edition has been expanded to include content on paediatric nursing in New Zealand and includes an increased focus on families. New chapters in this edition cover the health services available for Aboriginal, Torres Strait Islander and Māori children, the transition to parenthood for new families, children's sleep patterns and behaviours, and paediatric health in school settings. Case studies and reflective questions throughout the book introduce students to scenarios they will encounter throughout their careers and encourage them to develop their critical thinking and problem-solving skills.

Written by an expert team of nurses and nursing academics, *Paediatric Nursing in Australia and New Zealand* is an essential resource that equips future nurses with the knowledge and skills to provide evidence-based care to babies, children and their families.

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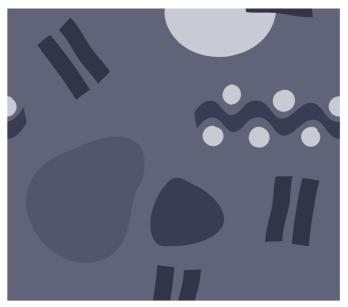


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Cambridge University Press acknowledges the Māori people as *tangata whenua* of Aotearoa New Zealand. We pay our respects to the First Nation Elders of New Zealand, past, present and emerging.









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Third edition

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Preface

This third edition of *Paediatric Nursing in Australia and New Zealand* expands the focus and content of the two previous editions. This was driven by an understanding of the substantial developments that have occurred not just in paediatric nursing, but also in child health nursing. The book now includes New Zealand content as well as Australian acute care and community health content. A number of broad changes have been made in working with infants, children, families and young people throughout Australian and New Zealand paediatric and child healthcare contexts. The most significant and exciting addition is an emphasis on health services for New Zealand Māori and Australian Aboriginal and Torres Strait Islander children and young people. Cultural safety is fundamental to the nursing care provided across paediatric and child health settings. A new chapter has been created and written by New Zealand Māori and Aboriginal and Torres Strait Islander authors to contribute to building the capacity of our discipline to enable all practitioners to understand and respect the importance of cultural safety in providing equitable healthcare.

This third edition has been written in three parts: Part A examines the contexts of nursing care in Australia and New Zealand; Part B explores nursing infants, young children and their families; and Part C focuses on nursing children and young people. We welcome a number of new authors, including the Māori and Aboriginal and Torres Strait Islander writers who are so committed to the discourse of cultural safety in paediatric and child healthcare. We are most grateful for the ongoing contribution of previous contributors and the improvements they have made in response to feedback and review.

We thank Cambridge University Press for continuing to support us and for publishing this expanded edition of the book. We would also like to particularly thank those who gave their time so generously to provide feedback, reviews and copy editing. The COVID-19 pandemic presented many challenges throughout 2020 as we adapted to new ways of living and working. Completing this edition of the textbook at this time, in its expanded form, with authors from across Australia and New Zealand, could not have been possible without the dedication and strong commitment of all those who contributed. We are very pleased to present this third edition.

Jennifer Fraser, Donna Waters, Elizabeth Forster and Nicola Brown



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Acronyms and abbreviations

ABS Australian Bureau of Statistics

ACAMS Australian Congenital Anomalies Monitoring System

ACARA Australian Curriculum, Assessment and Reporting Authority

ACCHS Aboriginal Community Controlled Health Service

ACCYPN Australian College of Children and Young People's Nurses

ACHS Australian Council on Healthcare Standards

ACI Agency for Clinical Innovation

ADHD Attention Deficit Hyperactivity Disorder
AEDI Australian Early Development Index

AFSNA Australian Family Strengths Nursing Assessment AHPRA Australian Health Practitioner Regulation Agency

AHRC Australian Human Rights Commission

AHRQ Agency for Healthcare Research and Quality (US)
AIDA Australian Indigenous Doctors' Association
AIFS Australian Institute of Family Studies
AIHW Australian Institute of Health and Welfare

AITSL Australian Institute for Teaching and School Leadership

AMS Aboriginal Medical Service

AN Anorexia Nervosa

ANMF Australian Nursing and Midwifery Federation

ANZCOR Australian and New Zealand Committee on Resuscitation

AOM acute otitis media

APA American Psychiatric Association

APAGBI Association of Paediatric Anaesthetists of Great Britain and Ireland APREGN Australian Paediatric Research Ethics and Governance Network

ARACY Australian Research Alliance for Children & Youth

ARC Australian Research Council

AVPU alert, verbal, responding to pain or unconscious

AWCH Association for the Wellbeing of Children in Healthcare

BFHI Baby-Friendly Health Initiative BiPAP bilevel positive airway pressure

BMI body mass index
BN Bulimia Nervosa
BP blood pressure
BZP benzylpiperazine

CCHEWS Cardiac Children's Hospital Early Warning Score

CD Conduct Disorder

CDCP Centers for Disease Control and Prevention
CEWT Children's Early Warning Assessment Tool



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CHA Children's Hospitals Australasia
CHI Children's Headline Indicators
CHQ Children's Health Queensland

CIOMS Council for International Organizations of Medical Sciences

CNC clinical nurse consultant CNS central nervous system

COAG Council of Australian Governments

CP cerebral palsy

CPAP continuous positive airway pressure

CPG clinical practice guidelines
CT computerised tomography
CTZ chemoreceptor trigger zone
CVAD central venous access device
CYFS Child, Youth and Family Services

CYMC Child and Youth Mortality Review Committee

DHB District Health Board

DSM-5 Diagnostic and Statistical Manual of Mental Disorders, 5th edition

EBM evidence-based medicine EBP evidence-based practice

EBPG evidence-based practice guidelines

ED emergence delirium

EPDS Edinburgh Postnatal Depression Scale

EU European Union

FLACC Face Legs Arms Cry Consolability
FPS-R Faces Pain Scale – Revised
GCS Glasgow Coma Scale

GENCA Gastroenterological Nurses College of Australia

GI gastrointestinal

GRADE Grading of Recommendations, Assessment, Development and Evaluations

HDEC Health and Disability Ethics Committees

HFNC high-flow nasal cannula
HIB Haemophilus influenza type B
HIV human immunodeficiency virus
HPS Health Promoting Schools
HPE Health and Physical Education

HPV human papilloma virus
HRC Health Research Council (NZ)
HREC Human Research Ethics Committee

KTA Knowledge to Action

LASC Longitudinal Study of Australian Children

LMP last menstrual period

LSIC Longitudinal Study of Indigenous Children

MCEECDYA Ministerial Council for Education, Early Childhood Development and Youth

Affairs

MET Medical Emergency Team



Acronyms and abbreviations

ΧVΪΪ

MMR measles, mumps and rubella MSD Ministry of Social Development

MVA motor vehicle accident

NACCHO National Aboriginal Community Controlled Health Organisation

NASN National Association of School Nurses NEAC National Ethics Advisory Committee

NHMRC National Health and Medical Research Council
NICE National Institute for Health and Care Excellence

NICU neonatal intensive-care unit

NP nasopharyngeal

NPMDC National Perinatal Mortality Data Collection

NRS numerical rating scores

NSAID non-steroidal anti-inflammatory drug

NSCDC National Scientific Council on the Developing Child

NYAS National Youth Affairs Scheme

NZDPMC New Zealand Department of the Prime Minister and Cabinet

NZHQSC New Zealand Health Quality and Safety Commission

NZMHC New Zealand Mental Health Commission

NZMoH New Zealand Ministry of Health

NZMYD New Zealand Ministry of Youth Development

NZNO New Zealand Nurses Organisation ODD Oppositional Defiant Disorder

OECD Organisation for Economic Cooperation and Development

ORT oral rehydration therapy
PACU post anaesthesia care unit

PARIHS Promoting Action on Research Implementation in Health Services

PCA patient-controlled analgesia

PEDS Parents' Evaluation of Developmental Screening

PEWS Paediatric Early Warning Score
PHAA Public Health Association of Australia

PICU paediatric intensive care unit

PKU phenylketonuria

PREDIC Paediatric Research in Emergency Departments International Collaborative

PSNZ Paediatric Society of New Zealand

QFCC Queensland Family and Child Commission
RACGP Royal Australian College of General Practitioners

RACP Royal Australasian College of Physicians

RANZCP Royal Australian & New Zealand College of Psychiatrists

RSV Respiratory Syncytial Virus

SCAN Suspected Child Abuse and Neglect SDQ Strengths and Difficulties Questionnaire

SIDS Sudden Infant Death Syndrome SMA Spinal Muscular Atrophy

SPOC Standard Paediatric Observation Chart SUDI Sudden Unexpected Death in Infancy



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UNOHCHR United Nations Office of the High Commissioner of Human Rights

URTI upper respiratory tract infection

VARK visual, aural, read/write and kinaesthetic

VAS visual analogue scales

VICTOR Victorian Children's Tool for Observation and Response

WHO World Health Organization WMA World Medical Assembly