Sleep DownUnder 2014 Sleep Frontiers

Sleep DownUnder 2014 Perth

Perth Convention & Exhibition Centre
Thursday, 9 October 2014
to
Saturday, 11 October 2014
Tuesday 7 October 2014

Oral Sleep Medicine Course: In the Jaws of Time 08:00 AM – 06:00 PM
Meeting Room 1

Sponsored by

Wednesday 8 October 2014

Oral Sleep Medicine Course: In the Jaws of Time 08:00 AM – 06:00 PM
Meeting Room 1

Short Course 1: Managing Alertness in Industry – Minimising Risk and Optimising Productivity

Sponsored by

Australian Government
Civil Aviation Safety Authority

08:15 AM – 05:00 PM
Meeting Room 2

Short Course 2: A Practical Approach in the Use of Psychology in Managing Sleep Disorders

08:50 AM – 04:00 PM
Meeting Room 3

Early Career Researchers Seminar: Art of selling sleep

04:00 PM – 05:00 PM
Meeting Room 3

Welcome Drinks 06:00 PM

Sponsored by

Thursday, 9 October 2014

Numbers relate to abstracts published in Sleep & Biological Rhythms
* Registration for Breakfast Sessions is an additional cost

Fun Run 06:30 AM

Sponsored by

Meet at the grassed area on the western edge of Perth Convention Centre, between Convention Centre & Freeway
Breakfast Session 1: When the pressure for ventilation becomes continuous - managing the ventilator dependant patient non-invasively
Cost $60 – Pre-booking essential
07:00 AM – 08:15 AM
Meeting Room 2
Amanda Piper, Mark Howard, James Douglas

Breakfast Session 2: Future challenges of oral appliance therapy in the management of obstructive sleep apnoea
Cost $60 – Pre-booking essential
07:00 AM – 08:15 AM
Meeting Room 1
Marie Marklund

PLENARY
08:30 AM – 10:00 AM
Riverside Theatre

Helen Bearpark Memorial Plenary Session
Sleep and Mental Health - Making sense of the bidirectional relationship
Chaired by Sarah Biggs and Michelle Short

8:30am 001 Sleep and Development in Infants and Toddlers
Jodi Mindell

8:50am 002 Sleep and emotions in children: A bidirectional complicated dance
Avi Sadeh

9:10am 003 Sleep and depressed mood at the transition to University: Role of Genotype
Mary Carskadon

9:30am 004 Sleep disturbance, circadian rhythms and chronic mood disorder trajectories - a therapeutic target or a furphy
Nick Glozier

Morning Tea
10:00 AM – 10:30 AM

New Investigator Presentations
Selected from submitted abstracts
10:30 AM - 12:15 PM
Riverside Theatre
Chaired by Danny Eckert and Chris O’Donnell

10:30am 005 Testing a cognitive vulnerability model on sleep and mood in adolescents under restricted and extended sleep opportunities
Bei Bei, Joshua Wiley, Nicholas Allen, John Trinder

10:45am 006 Airway physiology changes moving from the lateral to supine sleeping position in OSA patients
Simon Joosten, Bradley Edwards, Andrew Wellman, Anthony Turton, Thilini Samarasinghe, Elizabeth Skuza, Philip Berger, Garun Hamilton

11:00am 007 CPAP use improves sexual function in men with OSA and erectile dysfunction (ED): A randomised controlled study
Kerri Melehan, Camilla Hoyos, Brendon Yee, Shamus O’Meagher, Garun Hamilton, Rob McLachlan, Martin Ng, Ron Grunstein, Peter Liu

11:15am 008 Performance and fatigue after waking from 10 min and 30 min night-time naps
Cassie Hilditch, Stephanie Centofanti, Jillian Dorian, Hans Van Dongan, Siobhan Banks

11:30am 009 Effect of sleep disordered breathing and inspired carbon dioxide on work and cost of breathing during sleep in humans with heart failure
Kirk Kee, Scott Sands, Christopher Stuart-Andrews, Bradley Edwards, Elizabeth Skuza, Teanau Roebuck, Bruce Thompson, Garun Hamilton, Philip Berger, Matthew Naughton

11:45am 010 Mandatory sleep time in childcare associated with increased day-time napping and decreased duration of night-time sleep
Sally Staton, Cassandra Pattinson, Simon Smith, Karen Thorpe

Invited Presentation, Chinese Sleep Research Society
12:00pm 226 Clinical manifestation of narcoleptic patients with family history
Han Yan
Thursday, 9 October 2014

Lunch
12:15 PM – 01:30 PM

Special Interest Group Meetings
12:30 PM - 01:30 PM
Dental & Orofacial
Meeting Room 1
Neurology
Meeting Room 2
Insomnia & Sleep Health
Meeting Room 3
Occupational Health, Safety & Performance
River View Room 4
Discussion Re: Group to support the practice of state of the art, multidisciplinary care of patients with sleep disorders
Riverside Theatre

CONCURRENT SYMPOSIA

S1: Why does the upper airway close?
01:30 PM – 03:00PM
Meeting Room 2

Chaired by Kristina Kairaitis and Jennifer Walsh

1:30pm
Upper airway obstruction - The moment of truth
Safwan Badr

1:50pm
012 The pharyngeal hydrostat model of the upper airway
Kristina Kairaitis

2:10pm
013 Dynamic upper airway patency: The influence of OSA, BMI and posture
Lynne Bilston

2:30pm
014 Factors perpetuating upper airway obstruction
Peter Catcheside

2:50pm
Putting it all together
Safwan Badr

S2: Actigraphy use in Sleep Diagnostics - time to take another look
01:30 PM – 03:00PM
Riverside Theatre

Chaired by Sarah Biggs and Avi Sadeh

1:30pm
An overview of the history of actigraphy use in sleep medicine
Avi Sadeh

2:00pm
018 Actigraphy for overnight sleep and daytime napping in infants and pre-school aged children
Barbara Galland, Kim Meredith-Jones

2:20pm
019 The validity of actigraphy to measure sleep in children and adolescents
Michelle Short

2:40pm
Does actigraphy have a place in adult sleep medicine
Garun Hamilton

S3: Oral appliances - Past, present and future
01:30 PM – 03:00PM
Meeting Room 1

Chaired by Christopher Kosky and Ramesh Balasubramaniam

1:30pm
021 Oral appliances - Past, present and the future
Marie Marklund

2:00pm
022 Oral appliance therapy for sleep disordered breathing in children
Joachim Ngiam

2:30pm
Prediction of oral appliance treatment outcome in OSA
Andrew Chan

S4: Clinical Case History Session: Respiratory measures - are they reliable?
01:30 PM – 03:00PM
River View Room 4

Chaired by Teanau Roebuck and Chloe Parsley

1:30pm
024 Scoring oxygen desaturation events: do we have a standard and reliable methodology?
Thomas Churchward

1:50pm
025 Transcutaneous carbon dioxide monitoring in the sleep lab
Nicole Verginis

2:10pm
026 Respiratory measures - oh the strain, the effort!
Angela Campbell

2:30pm
Panel Discussion
Thomas Churchward, Nicole Verginis, Angela Campbell
S5: Sleep Medicine and the Law 01:30 PM – 03:00PM
Meeting Room 3

Chaired by Peter Buchanan and David Cunnington

1:30pm 027 Sleep medicine and the law: Introductory overview
Peter Buchanan

1:45pm 028 Automatism in law: What is it and how it relates to sleep disorders and criminal acts
Hayley Cormann

2:00pm Too drowsy to drive? Keeping on the right side of the law
Mark Howard

2:15pm 030 A case-based review of sleep-related criminal behaviours, treatment and outcomes
Dev Banerjee

2:30pm Panel discussion
Peter Buchanan, Hayley Cormann, Mark Howard, Dev Banerjee

Afternoon Tea 03:00 PM – 03:30 PM

CONCURRENT YEAR IN REVIEW SESSIONS

YIR 1: Dental and Orofacial 03:30 PM – 04:30 PM
Meeting Room 1

Bruxism
Ramesh Balasubramaniam
Oral appliance Therapy
Peter Cistulli

YIR 2: Insomnia and Sleep Health 03:30 PM – 04:30 PM
River View Room 4

Moira Junge and Sean Cain

YIR 3: Alertness and Fatigue Management 03:30 PM – 04:30 PM
Riverside Theatre

Shantha Rajaratnam and Tracey Sletten

Annual General Meeting of the Australasian Sleep Association 04:30 PM - 05:30 PM
Riverside Theatre

Annual General Meeting of the Sleep Health Foundation 05:30 PM - 06:00 PM
Riverside Theatre
Friday, 10 October 2014

* Breakfast Session 3: Nurse led pathways for the diagnosis and management of OSA from both sides of the Tasman
Cost $60 – Pre-booking essential
07:00 AM - 08:15 AM
Meeting Room 1

Sally Powell, Deirdre Stewart, Nick Antic, Michael Hlavac

* Breakfast Session 4: Complexities of sleep of children with Cerebral Palsy (CP) and similar Neurodevelopmental Disorders (NDDs): medical and home-based considerations
Cost $60 – Pre-booking essential
07:00 AM - 08:15 AM
Meeting Room 2

7:10am The diverse medical and physiological factors that form the clinical picture of children with NDDs
Katherine Langdon

7:25am The impact of respiratory complications in children with NDDs
Andrew Wilson

7:40am The challenges of managing the sleep of children with NDDs in the home environment
Ms Susan McCabe

ResMed Breakfast Symposium: OSA in Women and New Therapy Options

Nigel McArdle, Jeff Armitstead

An Update on the ASA Adult Sleep Guidelines
No cost or pre-registration required
07:45 AM - 08:30 AM
Riverside Theatre
Chaired by Nick Antic

PLENARY SESSION

Hypopnoeas - Is that one? What matters?
Chaired by Teanau Roebuck and Chloe Parsley

8:30am 031 Hypopnoeas: Precipitating and terminating factors
Peter Catcheside

9:00am 032 Are worse outcomes associated with apnoeas v hypopnoeas, greater degree of desaturation hypopnoeas with arousal?
Craig Phillips

9:30am 033 Upper airway obstruction in children - how does it differ from adults?
Yvonne Pamula

Invited Presentation, Co-Chair World Congress on Sleep Medicine 2015

10:00am Neuroimaging study in sleep disorders
Seung Bong Hong

Morning Tea

10:15 AM – 10:45 AM

CONCURRENT SYMPOSIA

S6: Twitch and snore but no melatonin - sleep, breathing and spinal cord injury
Chaired by David Berlowitz and Peter Cistulli

10:45am Sleep disordered breathing in patients with spinal cord injury
Safwan Badr

11:15am 035 Limbs that go twitch in the night
David Berlowitz

11:35am 036 Circadian rhythm disturbances in spinal cord injury
Jo Spong

11:55am CPAP and SCI: What's it really like
Carolyn Beaver
S7: Advancements in geriatric sleep medicine

Chaired by Nikolaus Netzer and Sonia Ancoli-Israel

10:45am Prevalence and socioeconomic importance of sleep and breathing disorders in the elderly
    Nikolaus Netzer

11:10am 039 CPAP treatment in geriatric patients
    Sonia Ancoli-Israel

11:35am 040 The effect of dentures on sleep and breathing in the elderly
    Marc Braem

11:55am 041 Treating geriatric sleep apnoea patients with oral appliances
    Susanne Schwarting

S8: How much sleep do we need? Data from adults and children

Chaired by Sarah Blunden

10:45am 042 The complexities of defining optimal sleep
    Barbara Galland, Sarah Blunden

11:05am How much sleep do adults really need: data from sleep restriction and extension studies
    Siobhan Banks

11:25am Optimal sleep in children: data from a sleep restriction and extension study in Israel
    Avi Sadeh

11:55am 045 Optimal Sleep in Children age 5 – 12 years: meta-analysis of worldwide data
    Sarah Blunden

S9: Women’s sleep health

Chaired by Dr Jeremy Goldin and Darren Mansfield

10:45am 046 Gender differences in upper airway physiology and collapsibility
    Danny Eckert

11:10am Sleep and Menopause
    Martha Hickey

11:35am 048 Is teen sleep gendered? The influence of biology, family and psychosocial factors
    Michelle Short

11:55am 049 Body fat distribution - Gender effects on sleep apnoea
    Laila Simpson

S10: Clinical Case History Session: Insomnia - Management approaches in 2014

Chaired by Dr David Cunnington and Simon Frenkel

10:45am 050 Hyper-arousal model of insomnia
    David Cunnington

11:15am Circadian factors in insomnia
    Sean Cain

11:45am Non-drug management of insomnia
    Moira Junge

Lunch

12:15 PM – 01:30 PM

Special Interest Group Meetings

Respiratory
    Meeting Room 1

Chronobiology
    Meeting Room 2

Paediatrics
    Meeting Room 3

ENT
    River View Room 4
Friday, 10 October 2014

Poster Blitz Sessions

Poster Blitz: Clinical aspects of sleep disordered breathing 01:30 PM - 03:30 PM
Concurrent - Selected from submitted abstracts
Poster presentations 01:30pm – 02:30pm, Riverside Theatre
Poster viewing 02:30pm - 03:30pm, Pavilion 1
Chaired by Alan Young and James Douglas

1:30pm 053 Occurrence of undiagnosed obstructive sleep apnea and insomnia in hypertensive primary care patients - association with sleep complaints, depressive symptoms and self-rated health
   Anders Brostrom, Martin Ulander, Ola Sunnergren, Eva Svaborg, Peter Johansson

1:33pm 054 The relationship between gastroesophageal reflux and body fat distribution
   Vijeysadhmi Ganasan, Kelly Shepherd, James Ockelford, Hooi Ee, Richard Holloway, David Hillman, Peter Eastwood

1:36pm 055 The effect of Obstructive Sleep Apnoea on sleep-related Gastroesophageal reflux
   Kelly Shepherd, William Orr

1:39pm 056 Do clinical sleep measures predict vulnerability to vigilance impairment following sleep loss in patients with OSA
   Haider Naqvi, Hannah Openshaw, Andrew Vakulin, David Stevens, Angela D'Rozario, Keith Wong, David McEvoy, Ron Grunstein

1:42pm 057 25 years of Diagnostic and CPAP Services at a Large Metropolitan South Australian Hospital
   Emily Viret, Sonya Johnston, Ratomir Antic, Chien Haider Naqvi, Hannah Openshaw, Andrew Vakulin, David Stevens, Angela D'Rozario, Keith Wong, David McEvoy, Ron Grunstein

1:45pm 058 Modafinil and armodafinil in obstructive sleep apnoea. A systematic review and meta-analysis
   Julia Chapman, Andrew Vakulin, Brendon Yee, Nathaniel Marshall

1:48pm 059 Continuous monitoring of head position during sleep - validation of a novel device
   Jennifer Walsh, Phillip Terrill, Craig Freakley, Kathleen Maddison, David Hillman, Peter Eastwood

1:51pm 060 Chronic cough and OSA in patients undergoing polysomnography : A cross sectional study
   Amirthan Vinay, Kate Galloway, Cameron Stewart, Vijaya Sundararajan, Andrew Kyoong

1:54pm 061 The effect of extended wakefulness on postural control in obstructive sleep apnoea patients
   Christopher Gordon, Hannah Openshaw, Christopher Miller, Ron Grunstein, Andrew Vakulin

1:57pm 063 Autobiographical Memory bias in patients with obstructive sleep apnoea
   Melinda Jackson, Vivien Lee, Sherin Kangen, Rachel Pickersgill, John Trinder

2:00pm 064 Relationship between sleep-disordered breathing in pregnancy and Edinburgh Postnatal Depression Scale (EPDS).
   Karen Redhead, Christopher Griffin, Jennifer Walsh, David Hillman, John Newnham, Peter Eastwood

2:03pm 065 Clinical and polysomnographic predictors of sleep hypoventilation
   Anam Khan, Christopher Kosky, Ivan Ling

2:06pm 066 Performance of pre-test questionnaire components at predicting the presence of sleep apnoea
   Elizabeth Tilson, Scott Phung, Ivan Ling

2:09pm 067 Prevalence, clinical significance and predictors for sleep-related hypoventilation among obese Asians with obstructive sleep apnoea syndrome
   Muventhiran Rurhanesan, Naricha Chirakalwasan

2:12pm 068 Characteristics of REM-related Obstructive Sleep Apnoea in a Southeast Asian Cohort
   Yun Xuan Celestine Tay, Thun How Ong, Leong Chai Leow, Siti Raudha Bte Serin, Pei Rong Song

2:15pm 069 Positional central sleep apnoea
   Anisha Sekaran, Rextord Muza

2:18pm 070 Obstructive Sleep Apnoea (OSA) in People with Down Syndrome (DS) Compared with Matched Control Subjects
   Emily Viret, Sonya Johnston, Parmijit Singh, Chien-Li Holmes-Liew, Dien Dang, Aneas Yeo

2:21pm 071 Comparison of the tongue size in OSA patients with CPAP intolerance to to CPAP stable patients and normal controls
   Alok Mohorikar, June Huang, Stuart Mackay, Sue Ellen Holmes, Alexander Petersen, Andrew Jones

2:24pm 072 Health communication and obstructive sleep apnoea: are we effectively informing the Australian public?
   Melissa Cava, Scott Coussens, Victoria Leitch, Mark Kohler

Poster Blitz: Measurement of Sleep Disordered Breathing 01:30 PM - 03:30 PM
Concurrent - Selected from submitted abstracts
Poster presentations 01:30pm – 02:30pm, Meeting Room 1
Poster viewing 02:30pm - 03:30pm, Pavilion 1
Chaired by Kath Maddison and Peter Rochford

1:30pm 073 Accuracy of patient perception of supine sleep
   Peter Wallbridge, Tom Churchward, Christopher Worsnop

1:33pm 074 Cortical arousal patterns in patients with sleep disordered breathing
   Antonius Steven, Ivan Ling, David Hillman

1:36pm 075 The relationship between the apnoea-hypopnoea index (AHI) and the respiratory disturbance index (RDI) with respect to obstructive sleep apnoea and anthropometric predictors
   Shavita Kuckreja, Lynette Reid-Price, Anne Marie Southcott, Lata Jayaram
1:39pm 076 The effect of arousal and subsequent hypocapnia on genioglossus muscle activity in obstructive sleep apnoea
   Jennifer Cori, Therese Thornton, Peter Rochford, Fergal O'Donoghue, John Trinder, Amy Jordan

1:42pm 077 Comparison of the quality of home sleep study set up in sleep lab vs set by patient at home
   Antonio Ambrogetti, Alan Lucas, Katja McGuire

1:45pm 078 Agreement between sleep scoring with limited PSG vs. full PSG
   Antonio Ambrogetti, Katja McGuire, Keiran Phillips

1:48pm 079 Laser-based calliper assessment of pharyngeal width: measurement accuracy and capacity to predict obstructive sleep apnoea severity
   Ashleigh Becu, Joshua Goldman, Stewart Cullen, David Hillman, Jennifer Walsh, Peter Eastwood

1:51pm 080 Snoring during pregnancy: Questionnaire results versus objective measurement (AHI).
   Annette Robertson, Pamela Johnson, Annemarie Hennessy, Colin Sullivan

1:54pm 081 A comparison of sleep stages and sleep disordered breathing identification between a portable monitoring device and in-lab polysomnography (PSG)
   Andrew Perkins, Mai Tran, Jackie Eritaia

1:57pm 082 Utility of ABG vs VBG in respiratory failure: exploring clinician opinions
   Dinithi Samaratunga, James Douglas, Stephen Fahey

2:00pm 083 Automated detection of sleep disordered breathing in patients undergoing Holter monitoring
   Scott Phung, Kate Boulton, Christopher Hummel, Philip Currie, Ivan Ling

2:03pm 084 Drug induced natural sleep - dexmedetomidine versus propofol
   Jennifer Walsh, Kathleen Maddison, Kelly Shepherd, Brad Lawther, Peter Platt, Peter Eastwood, David Hillman

2:06pm 085 Does poor sleep quality worsen the accuracy of actigraphy?
   James A Slater, Leon M Straker, Jennifer H Walsh, Peter R Eastwood

2:09pm 146 Assessing sleep in hospitalised patients - what tools can nurses use?
   Lynn Hoey, Paul Fulbrook, James Douglas

2:12pm 087 Performance of automated detection of sleep disordered breathing using Holter monitoring in patients undergoing diagnostic polysomnography
   Ivan Ling, Kate Boulton, Christopher Hummel, Philip Currie, Scott Phung

2:15pm 088 Modification and validation of a motor-response dependent measure of sleepiness (OSLER-2) for use in spinal cord injury
   Jo Spong, Jayne Roberts, David Berlowitz

2:18pm 089 Verifying the accuracy of Actigraphy in measuring total sleep time and sleep efficiency
   Jackie Eritaia, Mai Tran, Andrew Perkins, Jeremy Goldin

2:21pm 090 Phenotyping obstructive sleep apnoea
   Muventhiran Ruthranesan, Abdul Razak Muttalif

2:24pm 091 Prevalence of EEG abnormalities in patients undergoing sleep studies
   Justin Ng, Jeremy Mercer, Nick Antic, Vinod Aiyappan

2:27pm 205 Using a chinstrap for mouth leak: help or hindrance?
   Matthew Leong, Lynn Hoey

---

**Poster Blitz: Treatment of Sleep Disordered Breathing**

**Concurrent** - Selected from submitted abstracts

**Poster presentations** 01:30pm – 02:30pm, Meeting Room 2

**Poster viewing** 02:30pm - 03:30pm, Pavilion 1

Chaired by Alister Neill and Jeremy Mercer

---

1:30pm 093 Clinical outcomes for obstructive sleep apnoea patients requiring high pressure using non-invasive ventilation
   Joseph Churton, Craig Hukins

1:33pm 094 The upper airway sleep apnoea clinic: A new, multidisciplinary model of care between ENT and sleep medicine
   Joy Lee, Darren Mansfield, Garun Hamilton, Glen Burgess, Andrew Hays, Sarah McLeod, Michael Ho

1:36pm 095 Continuous positive airway pressure (CPAP) adherence in obstructive sleep apnoea (OSA) patients
   Jibin Thomas, Christopher Worsnop, Tom Churchward, Julie Tolson

1:39pm 096 Rhinomanometry as Predictor of CPAP Interface Choice
   Mohd Shahrirramri Mohd Shif, Dimitar Sajkov, Vinod Aiyappan, Amanda McKenna

1:42pm 098 AHI outcomes are superior after contemporary airway surgery in adult CPAP failure patients
   June Huang, Alok Mohorikar, Sue Ellen Holmes, Stuart Mackay

1:45pm 099 Study of a novel APAP algorithm for the treatment of Obstructive Sleep Apnoea in women
   Nigel McArdle, Stuart King, Kelly Shepherd, Dinesh Ramanan, Sahisha Ketheswaran, Peter Bateman, Alison Winms, Jeff Arnside, Glenn Richards, David Hillman, Peter Eastwood

1:48pm 100 Long term compliance and predictors of compliance to CPAP therapy
   Shyamala Pradeepan, Brooke Emmet, Jeff Pretto, Michael Hensley

1:51pm 101 Improvements of quality of life between CPAP and APAP treatment in obstructive sleep apnoea
   En-Ting Chang, Hsiu-Mei Wang
1:54pm 102 Assessment of a new nasal pillows mask in patients receiving CPAP
   Alisa Pham, Sahisha keteeswaran, Jeff Armistead

1:57pm 103 Development of a model of care for Australian Community pharmacies providing obstructive sleep apnoea services
   Carissa Hanes, Keith Wong, Bandana Saini

2:00pm 104 Factors determining the acceptance of CPAP therapy
   Antonius Steven, Ivan Ling, Gavin Sturdy, Ashleigh Becu, Thomas Ansell, Bhajan Singh

2:03pm 105 Comparison of OSA and CPAP therapy requirements in Chinese versus non-Chinese population
   Yee Tung (Eric) Kuo, Denise O'Driscoll, Frank Thien, Alan Young

2:06pm 106 CPAP adherence in patients with obstructive sleep apnoea syndrome - critical situations influencing the treatment initiation from the personnel's perspective
   Anders Brostrom, Susanne Karlsson, Maria Elfström, Ola Sunnergren, Bengt Fridlund, Martin Ulander

2:09pm 107 Craniofacial assessment of oral appliance treatment responders and non-responders using cone beam computed tomography (CBCT)
   Kate Sutherland, Anel Blignaut, Oyku Dalci, Andrew Chan, Ali Darendeliler, Peter Cistulli

2:12pm 108 The degree of nasal flow following nasal spray is not associated with subjective perception of nasal congestion
   Maria Zerella, Saul Gilbert, Michael Bowes, Alison Teare, Michael Chia

2:15pm 109 A modest supine-avoidance conditioning effect following positional therapy in snorers
   Peter Catcheside, Sophie Hamilton, Jeremy Mercer, Nick Antic, Doug McEvoy, Emily Peake, Melanie Heath, Maree Barnes, Stephen Quinn

2:18pm 110 Classification of Mandibular advancement appliances
   Timothy Gibbs

2:21pm 111 Influence of Maxillary Width and Obesity Measures on OSA Severity
   Anna Mohammadieh, Kate Sutherland, Peter Cistulli

2:24pm 112 Audit of acute non invasive ventilation (NIV) at Wellington Regional Hospital
   Sankaran Kannamangalam Ramakrishnan, Alister Niell

---

**Poster Blitz: Sleep Disordered Breathing in Children**

01:30 PM - 03:30 PM  
River View Room 4

Concurrent - Selected from submitted abstracts

**Poster presentations 01:30pm – 02:30pm, River View Room 4**  
**Poster viewing 02:30pm - 03:30pm, Pavilion 1**

Chaired by Gillian Nixon and Karen Waters

---

1:30pm 113 Preschool-aged children who have resolved sleep disordered breathing demonstrate improved autonomic function in the long term
   Lisa Walter, Lauren Nisbet, Aidan Weichard, Samantha Hollis, Vicki Anderson, Gillian Nixon, Margot Davey, Rosemary Horne

1:33pm 114 Nocturnal heart rate and respiratory rate of healthy infants over the first 24 months of life
   Philip Terrill, Gordon Williams, Maggie Yuill, Carolyn Dakin

1:36pm 115 Telehealth-supported paediatric home based polysomnography
   Amanda Mukushi, Fiona tabart, Anne-Marie Gibson, Mary Roberts, Susan Jury, Penelope Bryant, Sarah Ranganathan, Amanda Griffiths

1:39pm 116 Refining the OSA-18 questionnaire for prediction of OSA in children - can we improve it?
   Gillian Nixon, Natasa Cikor, Kathy Rowe, Margot Dvaey, Rosemary Horne, Lisa Walter

1:42pm 117 Rates of sleep disorders among high school students in New Zealand
   Chinthaka Samaranayake, Gareth Roberts, Bruce Arroll, Antonio Fernandez

1:45pm 118 Sleep disturbance and asthma in adolescents and young adults: can one predict the other?
   Mark Garden, Sadasivam Suress, Michael O'Callaghan

1:48pm 119 Parent perspectives on child sleep practices in a large community sample
   Hayley Etherton, Sarah Blunden, Sophia Rainbird, Yvonne Hauck

1:51pm 120 Sleep oxygen saturation profile at discharge predicts the number of healthcare encounters in neonates born <26 weeks GA
   Philip Terrill, Joanna Maclean, Kristie DeHann

1:54pm 121 A systematic review of movement in sleep assessment of children
   Scott Coulssens, Charmaine O'Reilly, Alex Chatburn, Melissa Cava

1:57pm 122 Use of Bi-level positive airway support (BPAP) with average volume assured pressure support (AVAPS) in sleep to successfully manage severe sleep-related respiratory insufficiency: case presentations.
   Natalie Gentin, Bruce Williamson, Ganesh Thambipillay, Arthur Teng

2:00pm 124 Symptoms of obstructive sleep apnoea in children with a parent diagnosed with obstructive sleep apnoea
   Shelley Mather, Angela Campbell, Dawn Elder

2:03pm 125 Preschool children with sleep disordered breathing exhibit increasing surges in HR with increasing durations of repetitive respiratory event episodes
   Lisa Walter, Aidan Weichard, Gillian Nixon, Margot Davey, Rosemary Horne
Friday, 10 October 2014

2:06pm 126 Evaluation of respiratory muscle strength in children with polysomnography (PSG) diagnosed obstructive sleep apnoea (OSA)
        Jasneek Chawla, Andrew Coates, Kiara Sclip, Carolyn Dakin
      
2:09pm 128 Relationship between sleep deficiency and poor behaviour in children with Autism spectrum disorder
        Simonne Cohen, Kim Cornish, Shantha Rajaratnam, Steven Lockley, Russell Conduit
      
2:12pm 129 Evaluation of the benefits of play therapy with CPAP initiation and compliance
        Natalie Gentin, Nicola Mooney, Ganesh Thimbipillay
      
2:15pm 130 A description of central sleep apnoea in a cohort of children under one year of age
        John Wong, Nitin Gupta, Yvonne Pamula, James Martin, Declan Kennedy
      
2:18pm 131 A randomised controlled trial using overnight video in the home to compare a culturally derived infant sleep device (wahakura) with a standard bassinet
        Sally Baddock, Sheila Williams, David Tipene-Leach, Angeline Tangiobra, Raymond Jones, Barry Taylor
      
2:21pm 132 Constructing a composite measure of disease severity in children with sleep-related upper airway obstruction
        Scott Coussens, Melissa Cava, Yvonne Pamula, David Saint, Mark Kohler

Poster Blitz: Non Respiratory Sleep Disorders, Chronobiology and Fatigue Management

Concurrent - Selected from submitted abstracts

Poster presentations 01:30pm – 02:30pm, Meeting Room 3 01:30 PM - 03:30 PM
Meeting Room 3
Poster viewing 02:30pm - 03:30pm, Pavilion 1

01:30pm 133 REM-related bradyarrhythmia syndrome: a case report
        Jordan Cunningham, Robyn O'Sullivan
      
01:33pm 134 Sleep disorders among tertiary students: a cross sectional study
        Chinthaka Samarayanayake, Bruce Arroll, Antonio Fernando
      
01:36pm 135 Implications of poor sleep symptoms in South Sudanese Australians for Post-Traumatic Stress Disorder (PTSD)
        Dorothy Bruck, Santino Atem Deng, Bichok Wan Kot, Michele Grossman
      
01:39pm 136 Sleep duration and ethnicity in a large population based sample of adult canadians
        Sutapa Mukherjee, Mandeep Singh, Woganee Flate, Matt Kovgier, Lyle Palmer
      
01:42pm 137 To drug or not to drug: An exploration of insomnia treatment preferences among the treatment-naïve and treatment-experienced
        Janet Cheung, Delwyn Bartlett, Tracey-Lea Laba, Carol L. Armour, Bandana Saini
      
01:45pm 138 The relationship between repetitive negative thought, insomnia and obstructive sleep apnoea-risk in older adults
        Sherilyn Tan, Michelle Olathe, Lara Bertolino, Edward Watkins, Romola Bucks
      
01:48pm 139 The construction and validation of the restless legs syndrome cognitions questionnaire
        John Swieca, Yin Ling Sim, Ken Greenwood, David Cunningham
      
01:51pm 140 Auditory disruption of sleep continuity and the subsequent effect on sleep dependent motor skill learning
        Shane Landry, Clare Anderson, Russell Conduit
      
01:54pm 141 Sleep quantity and quality during planned burn operations
        Grace Vincent, Brad Aisbett, Sally Ferguson
      
01:57pm 142 The physiological stress response to an emergency alarm and mobilisation: is time of day or night important?
        Sarah Hall, Brad Aisbett, Jamie Tait, Anne Turner, Sally Ferguson, Luana Main
      
2:00pm 143 Screening for OSA risk in remote mining employees
        Rhonda Russo
      
2:03pm 144 Objective measures of sleep and subjective symptoms in patients evaluated for chronic insomnia and grouped by three different depression criteria
        David Cunningham, Daniel Levendowski, Philip Westbrook, John Swieca
      
2:06pm 145 Does general repetitive negative thinking predict insomnia severity? Exploring psychological distress as a Mediator
        Lara Bertolino, Michelle Olathe, Sherilyn Tan, Edward Watkins, Romola Bucks
      
2:09pm 092 Characterising sleep dysfunction following post-acute traumatic brain injury: A meta-analysis
        Natalie Grima, Jennie Ponsford, Shantha Rajaratnam, Darren Mansfield, Matthew Pase
      
2:12pm 244 Exploratory factor analysis of the Parkinson’s Disease sleep scale: Is there an association between sleep disorder and cognitive dysfunction in Parkinson's disease?
        Maria Pushpanthan, Andrea Loftus, Caitlin Timms, Meghan Thomas, Natalie Gasson, Romola Bucks
      
2:15pm 148 Development of sleep related education resources for the community
        Angela Campbell, Alister Neill
      
2:18pm 149 Daytime sleepiness significantly influences sustained attention in older adults with mild cognitive impairment
        Anna Scovelle, Sharon Naismith, Zoe Terpening, Simon Lewis, Clare Anderson
      
2:21pm 150 Awareness of drowsy driving in young adults: effects of an educational intervention program
        Suzanne Flouni, Emily Li, Clare Anderson
Friday, 10 October 2014

2:24pm 151 Ocular measures of sleepiness are increased in night shift workers tested at an adverse circadian phase
Suzanne Flouni, Tracey Sletten, Christian Nicholas, David Kennaway, Steven Lockley, Shantha Rajaratnam

2:27pm 152 Chronotherapy workshop improves awareness and attitudes in final year pharmacy students
Gagandeep Kaur, Craig Phillips, Keith Wong, Bandana Saini

Afternoon Tea 03:30 PM – 04:00 PM

Oral Presentation Management of Sleep-related Respiratory Disorders 04:00 PM - 05:30 PM
Concurrent - Selected from submitted abstracts
Chaired by Darren Mansfield and Doug McEvoy

4:00pm 153 Multimodal phenotyping for prediction of oral appliance treatment outcome in obstructive sleep apnoea
Kate Sutherland, Andrew Chan, Peter Singh, Joachim Ngiam, Oyku Dalci, Ali Darendeliler, Peter Cistulli

4:15pm 154 Do sympathetic activity markers predict weight loss within a randomised controlled trial of weight maintenance therapy following very low energy diet in treated and untreated sleep apnoea patients?
Elizabeth Cayanan, Nathaniel Marshall, Yasmina Djavadkhani, Keith Wong, Brenon Yee, Camilla Hoyos, Ronald Grunstein

4:30pm 155 Use of the STOP-BANG Questionnaire in a pre-operative population undergoing surgery at Westmead Hospital to screen for Obstructive Sleep Apnoea and post-operative complications
Brian Chuong, Peter Klineberg, Richard Halliwell, Giles Miller, Peter Wu, Sharon Lee, John Robert Wheatley

4:45pm 156 Predictors of obstructive sleep apnoea severity in patients enrolled in the Sleep Apnoea Cardiovascular Endpoint "SAVE" trial

5:00pm 157 Polysomnographic findings in motor neuron disease patients with respiratory symptoms
Karina Falland, Lesley Howard, John Wheatley, Peter Wu

5:15pm 158 Quantitative sleep EEG parameters in Parkinson's Disease: A case-control study
Anna Mullins, Simon Lewis, Nathaniel Marshall, Angela D'Rozario

Oral Presentation Physiology of Sleep and Breathing 04:00 PM - 05:30 PM
Concurrent - Selected from submitted abstracts
Chaired by Peter Eastwood and Denise O'Driscoll

4:00pm 159 CPAP use, weight change and metabolic outcomes: a patient-level meta-analysis of data from 3 randomised controlled trials
Swati Murugan, Camilla Hoyos, Kerri Melehan, Elizabeth Cayanan, Keith Wong, Brenon Yee, Craig Phillips, Peter Liu, Ronald Grunstein, Nathaniel Marshall

4:15pm 160 Testing for reverse causality in the 'sleep causes obesity' hypothesis: Does deliberate weight loss cause changes in actigraphically-measured sleep duration inside a clinical trial of weight loss for obese moderate-severe sleep apnoea
Julia Chapman, Alessandra Booth, Elizabeth Machan, Keith Wong, Brendon Yee, Ron Grunstein, Nathaniel Marshall

4:30pm 161 Slow wave activity during sleep as a marker of impaired vigilence after sleep loss in obstructive sleep apnoea
Andrew Vakulin, Angela D'Rozario, Haidar Naqvi, Hannah Openshaw, David Stevens, Keith Wong, Jongwon Kim, Doug McEvoy, Ronald Grunstein

4:45pm 162 Assessing upper airway collapsability during sleep and general anaesthesia - comparison of two techniques
Kathleen Maddison, Jeremy Ong, Gabby Touyz, Peter Platt, David Hillman, Peter Eastwood, Jennifer Walsh

5:00pm 163 Respiratory sensation during wakefulness is related to the respiratory arousal threshold during sleep in obstructive sleep apnoea
Michael Keller, Lauren Fisher, Jayne Carberry, Jane Butler, David McKenzie, Danny Eckert

5:15pm 164 EEG activation in OSA patients treated with modafinil and placebo during acute CPAP withdrawal
David Wang, Xiao Xue Bai, Shaun Williams, Shu Cheng Hua, Jong Won Kim, Nathaniel Marshall, Angela D'Rozario, Ron Grunstein

Oral Presentation Sleep in Children 04:00 PM - 05:30 PM
Concurrent - Selected from submitted abstracts
Chaired by Adelaide Withers and Rosemary Horne

4:00pm 165 Slow wave activity is associated with executive function deficits in children with sleep disordered breathing
Sarah Biggs, Chloe Lappin, Jessica Goodin, Gillian Nixon, Margot Davey, Rosemary Horne

4:15pm 166 Preschool children with sleep disordered breathing have more repetitive respiratory events compared to isolated respiratory events, concomitant with increased heart rate during sleep
Lisa Walter, Aidan Weichard, Gillian Nixon, Margot Davey, Rosemary Horne

4:30pm 167 A randomised controlled trial to investigate infant sleep risks and benefits when using a culturally-appropriate sleep device compared to a standard bassinet
Sally Baddock, Barry Taylor, David Tipene-Leach, Emily Macleod, Sheila Williams, Angeline Tangiara, Raymond Jones
A prediction model for the presence of moderate/severe obstructive sleep apnoea in childhood based on clinical findings and oximetry
Gillian Nixon, Sanjeeva Ranasinha, Aidan Weichard, Margot Davey, Rosemary Home

Preterm infants exhibit greater variability in cerebrovascular control compared to term infants
Rosemary Home, Karinna Fyfe, Alexandria Odoi, Stephanie Yiallourou, Flora Wong, Adrian Walker

Does the Multiple Sleep Latency Test (MSLT) change with clinical improvement in children with narcolepsy-cataplexy on drug treatment?
Natalie Gentin, Bruce Williamson, Arthur Teng

Motivated to sleep: A randomised controlled trial of motivational school-based sleep interventions for adolescents
Neralie Cain, Daniel Bonnar, Lynnette Moseley, Anne-Marie Coughlin, Michelle Short, Michael Gradisar

Does napping on night-shift benefit driving performance on the commute home?
Stephanie Centofanti, Cassie Hilditch, Jillian Dorrian, Hans Van Dongen, Siobhan Banks

Randomised controlled trial of the efficacy of a blue-enriched light intervention to improve alertness and neurobehavioural performance in night shiftworkers
Tracey Sletten, Suzanne Floumi, Christian L Nicholas, Michelle Magee, Ron Grunstein, Sally Ferguson, David J Kennaway, Darren O’Brien, Steven W Lockley, Shantha M W Rajaratnam

Feedback Blunting: A novel mechanism underlying deficits in real-world decision making due to sleep loss
Melinda Jackson, Paul Whitney, John Hinson, Hans Van Dongen

Changes in inflammatory cytokine production are associated with performance impairments induced by 49hrs of sustained wakefulness
Maja Pajcin, Gemma Paech, Chris Della Vedova, Crystal Grant, Katie Tooley, Gary Kamimori, Jason White, Siobhan Banks

Circadian rhythm analysis of voluntary running wheel activity in diverse mouse strains: a platform for identifying modifying genes controlling rest and activity patterns
Adriana Messineo, Naomi Rogers, Jiajia Ma, Jordan Boutilier, Elyshia McNamara, Royston Ong, Ramesh Ram, Munish Mehta, Nigel Laing, Grant Morahan, Kristen Nowak

Coping strategies mediate the effects of insomnia symptoms on maternal depression during pregnancy and following childbirth
Liora Kempler, Delwyn Bartlett, Louise Sharpe

Depressive symptoms in late pregnancy are associated with sleep duration, quality and symptoms of sleep disorders
Leigh Signal, Sarah-Jane Paine, Bronwyn Sweeney, Diane Muller, Monique Priston, Alexander Smith, Mark Huthwaite, Kathryn Lee, Philippa Gander

EEG characteristics of Wake and NREM sleep in patients evaluated for chronic insomnia and either on or off anti-depressant medications
John Swieca, Daniel Levendowski, Philip Westbrook, David Cunnington

Efficacy of cognitive behavioural therapy for insomnia: a systematic review and meta-analysis
David Cunnington, James Trauer, Mary Qian, Joseph Doyle, Shantha Rajaratnam

Online insomnia treatment for patients waiting for treatment from a public hospital insomnia clinic
Hailey Meaklim, Jo Abbot, Gerard Kennedy, Gregory Murray, Britt Klein, Imogen Rehm

Chronotype and improved sleep quality independently predict depressive symptom reduction after a group CBT for insomnia intervention
Bei Bei, Shanthakumar Rajaratnam, Rachel Manber
Breakfast Session 5: Surgical management of adult OSA - A case-based session
Cost $60 – Pre-booking essential
07:00 AM - 08:30 AM
Meeting Room 1
Nasal surgery for adult OSA
Narinder Singh
Sleep surgery cases in adult OSA, including live demonstration of nasendoscopic evaluation of the upper airway
Stuart Mackay, Richard Lewis
Attendees are invited to submit cases in advance – send to Stuart Mackay

Breakfast Session 6: Sleep Service Accreditation Update
07:00 AM - 08:30 AM
Meeting Room 2

Poster Discussion: Sleep and Breathing in Adults
08:30 AM - 10:30 AM
Riverside Theatre
Concurrent - Selected from submitted abstracts
Poster viewing 08:30am - 9:30am, Pavilion 1
Poster presentations 09:30am - 10:30am, Riverside Theatre
Chaired by Amanda Piper

Poster Thematic: Sleep and Breathing in Adults
Non-sleep apnoea diagnoses are common in patients referred to sleep services
Mary Qian, Anne Marie Southcott, John Swieca, Simon Frenkel, David Cunnington

Poster Discussion: Sleep and Breathing Measurement and Treatment in Adults
08:30 AM - 10:30 AM
Meeting Room 1
Chaired by Eli Dabscheck

9:30am 193 The impact of the 2007 AASM scoring criteria on sleep apnoea indices in people with Acute Quadriplegia
Julie Tolson, Rachel Schembri, Jo Spong, Bronwyn Stevens, Warren Ruehl, Peter Rochford, David Berlowitz

9:39am 194 Cranofacial phenotyping using quantitative photography in a Hong Kong sleep clinic population
Kate Sutherland, Richard Lee, Tat On Chat, Peter Singh, Susanna Ng, David Hui, Peter Cistulli

9:42am 195 Comparative study of determining the sites of airway obstruction in patients with OSAHS by real-time CT imaging and laryngofiberscope technique
Jian Jun Sun, Zhi Qiang Yan, Wei Yuan, Lei lei Yu

9:48am 196 Mechanism of central sleep apnoea resolution via carbon dioxide stimulation in patients with heart failure
Scott Sands, Bradley Edwards, Kirk Kee, Christopher Stuart-Andrews, Elizabeth Skuza, Teanau
Heart rate variability during treatment with two auto-titrating CPAP devices
Anthony Turton, Eugene Zilberg, Garun Hamilton

The predictive role of APAP titration download data for early (week 4) CPAP therapy outcomes
Nigel McArdle, Bhajan Singh, Christine Maguire, Sarah Mutch, David Hillman

Mechanism of biphasic inspiratory waveforms in NIV
Joseph Churton, Brett Duce, Craig Hukins

Usability testing of a new mixed mode ventilator
Sahisha Ketheeswaran, Etienne Veschambre, Dion Martin, June Mendoza, Julia Lord, Alison Wimms

Development of the usability of a new PAP system
Rhys Thompson, Jamie Wehbeh, Sahisha Ketheeswaran, Jeff Armistead

Calf exercise while sitting reduces snoring
Bhajan Singh, Azadeh Yadollahi, Hisham Alshaer, Owen Lyons, Douglas Bradley

Poster Thematic: Sleep and Breathing Measurement and Treatment in Adults

Retrospective audit of the efficacy of the mandibular advancement splint (MAS)
Rosianna Wee

Continuous Positive Airway Pressure (CPAP) adherence of patients commencing therapy at a private clinic with intensive support and choice of equipment manufacturers
Helen Gilbert, Andrew Mair

Factors influencing continuous positive airway pressure therapy acceptance at a physician and technologist therapy clinic
Gavin Sturdy, Thomas Ansell, Ashleigh Becu, Liam Coffey, Ivan Ling

Poster Discussion: Sleep in Children

Concurrent - Selected from submitted abstracts
Poster viewing 08:30am - 9:30am, Pavilion 1
Poster presentations 09:30am - 10:30am, Meeting Room 2
Chairied by Sadasivam Suresh and Sarah Biggs

9:30am 207 Breath shape as a clinical marker in paediatric sleep-related breathing disorders
Chloe Parsley, Sadasivam Suresh, Philip Terrill

9:36am 208 Gestational age at birth affects the maturation of baroreflex sensitivity
Rosemary Home, Karrina Fyfe, Stephanie Yallourou, Flora Wong, Alexandinia Odoi, Adrian Walker

9:42am 209 Long-term cardiovascular impairment in preschool-aged children with unresolved sleep disordered breathing
Lisa Walter, Lauren Nisbet, Aidan Weichard, Samantha Hollis, Vicki Anderson, Gillian Nixon, Margot Davey, Rosemary Home

9:48am 210 Can neck and waist circumference be used as indicators of paediatric obstructive sleep apnoea severity?
Lauren Nisbet, Lisa Walter, Margot Davey, Gillian Nixon, Rosemary Home

9:54am 211 Does sleep loss accumulate over an entire school term? Objective data in adolescent boys
Sarah Blunden, Larissa Clarkson, Bree Drew, Siobhan Banks, Amelia Searle, Tim Olds

10:00am 212 Photographic assessment of craniofacial phenotype in children with OSA: a feasibility study
Joachim Ngiam, Aidan Weichard, Kate Sutherland, Parminder Singh, Margot Davey, Rosemary Horne, Peter Cistulli, Gillian Nixon

10:06am 213 Sleep and wake assessment with a movement detector: improving actigraphy for children with fragmented sleep
Philip Terrill, Marnie Lampretch, Chloe Parsley, Sadasivam Suresh, Andrew Bradley

10:12am 214 Comparison of cognitive breathing and sleep in toddlers and preschool aged children with sleep disordered breathing or behavioural insomnia of childhood
Rachael Spooner, Mark Kohler, Kurt Lushington, Hannah Keage, Declan Kennedy, Sarah Blunden, David Wabnitz, Mark Schembri

10:18am 215 Can the use of home nocturnal oximetry assist in the prioritisation of polysomnograms
Natalie Gentin, Claire Blackburn, Arthur Teng

10:24am 216 Utility of postural changes in spirometry to detect sleep disordered breathing in children with neuromuscular diseases
Chetan Pandit, Brendon Kennedy, Karen Waters, Helen Young, Kristi Jones, Dominic Fitzgerald

Poster Thematic: Sleep in Children

217 Sleep Disordered Breathing (SDB) in Children with Obesity
Rubina Kassim, Helen Heussler, Margaret Harris, Gary Leong

218 Sleep issues for children with Cerebral Palsy: Why are children and their parents awake at night? A pilot study
Sacha Petersen, Dinha Reddihough, Fiona Newall
Saturday, 11 October 2014

219 Sleep and weight status of Australian children: The effects of day, night and total sleep
Sally Staton, Cassandra Pattinson, Simon Smith, Karen Thorpe

220 A case report - Nocturnal tongue biting in two young siblings
Bradley Martin, Payal Mandalia, Rob Smith, Helen Cornwell, Bruce Whitehead

Poster Discussion: Insomnia and Sleep Behaviours
08:30 AM - 10:30 AM
Meeting Room 3

Concurrent - Selected from submitted abstracts

Poster viewing 08:30am - 9:30am, Pavillion 1
Poster presentations 09:30am - 10:30am, Meeting Room 3
Chair by Dorothy Bruck and Shantha Rajaratnam

9:30am 221 The mediating role of pre-sleep arousal in the relationship between life stress and sleep onset latency in restricted and extended sleep opportunities in adolescents
Bei Bei, Nicholas Allen, John Trinder

9:36am 222 Sleep misperception in insomnia: An exploratory assessment of changes in the subjective estimation of sleep compared to actigraphy through 5 weeks of sleep restriction therapy
Christopher Gordon, Sylvia Pietkiewicz, Simon Kyle, Delwyn Bartlett, Ron Grunstein, Christopher Miller

9:42am 223 Psychological factors contributing to the maintenance of insomnia in people with psychosis
Vivian Chiu, Robert Harvey, Nancy Sloan, Melissa Ree, Flavie Waters

9:48am 224 Sleep and cognition in Paroxysmal disorders: Cases admitted for epilepsy monitoring
Jessica Patti, Michael Saling, Terence O'Brien, Dennis Velakoulis

9:54am 225 Male South Sudanese Australians are at high risk for sleep and psychological difficulties
Dorothy Bruck, Bichok Wan Kot, Santino Alem Deng, Michele Grossman

10:00am 226 Enhancing CBT for chronic insomnia: An RCT of additive components of mindfulness or cognitive therapy
Melissa Ree, Mei Yin Wong, Christopher Lee

10:06am 227 Changes in sleep across the pre and peri-natal period for Maori and non-Maori women in Aotearoa/New Zealand
Diane Muller, Bronwyn Sweeney, Leigh Signal, Sarah-Jane Paine, Monique Priston, Alexander Smith, Mark Huthwaite, Kathy Lee, Philippa Gander

10:12am 228 The relationship between gastroesophageal reflux and sleep quality
James Ockelford, Dezmi Ganasan, Hooi Ee, Richard Holloway, David Hillman, Peter Eastwood, Kelly Shepherd

10:18am 229 Gender differences in association between self-reported sleep duration and psychological distress in home-dwelling elderly
Martin Ulander, Anders Broström, Åke Wahlin, Peter Johansson

10:24am 230 Sleep problems associated with social drug use: A hidden harm?
Rowan Ogeil, James Phillips, Shantha Rajaratnam, Jillian Broadbear

Poster Thematic: Insomnia and Sleep Behaviours

233 Difficulties in treating sleep problems reported by counsellors working with survivors of sexual assault
Dorothy Bruck, Jessica Darvell, Gerard Kennedy

Poster Discussion: Circadian Rhythm Abnormalities and Other Non-Respiratory Sleep Disorders
08:30 AM - 10:30 AM
River View Room 4

Concurrent - Selected from submitted abstracts

Poster viewing 08:30am - 9:30am, Pavillion 1
Poster presentations 09:30am - 10:30am, River View Room 4
Chair by Naomi Rogers

9:30am 234 Retrospective application of the ICSD-3 diagnostic criteria for Narcolepsy
Kelli Rixon, Joseph Churton, Conchita Rego, Brett Duce, Craig Hukins

9:36am 235 Anxiety and depression symptoms in patients being referred for an in-laboratory polysomnography
Sanjeevan Muruganandan, Melinda Jackson, Tom Churchward, Julie Tolson, Christopher Worsnop

9:42am 236 Neurobiobehavioural effects of 'catch-up' sleep in men with lifestyle driven, chronic, intermittent sleep restriction
Roo Killick, Camilla Hoyos, Kerri Melehan, Delwyn Bartlett, Keith Wong, Tracey Sletten, Shantha Rajaratnam, Ron Grunstein, Peter Liu

9:48am 237 The effect of hypnotics on auditory arousal thresholds in older adults
Dorothy Bruck, Chris Lykiardopoulos, Michelle Ball

9:54am 238 The impact of sleep restriction on acute inflammatory stress responses to simulated physical firefighting work
Alexander Wolkow, Brad Aisbett, Sally Ferguson, Luana Main

10:00am 239 Occular indicators of sleepiness in shift workers
Suzanne Ftouni, Tracey Sletten, Steven Lockley, Shantha Rajaratnam
Saturday, 11 October 2014

10:06am 240 Alcohol use and sleep in shiftworkers
Jillian Dorrian, Georgina Heath, Charli Sargent, Will McIntosh, Siobhan Banks, Alison Coates

10:12am 241 High dose caffeine does not have an additive effect on impaired glucose control during extended wakefulness
Crystal Grant, Gemma Paech, Chris Della Vedova, Maja Pajcin, Jill Dorrian, Alison Coates, Siobhan Banks

10:18am 242 Acute and chronic alcohol consumption disturbs sleep architecture in late adolescence
Caitlyn Gourlay, Hayley Ayton, Julia Chan, Abbie Couchman, Ian Colrain, John Trinder, Christian Nicholas

10:24am 268 Mood and daytime functioning in intrinsic and extrinsic phenotypes of Delayed Sleep Phase Disorder
Jade Murray, Tracey L Sletten, Michelle Magee, Christopher Gordon, Nicole Lovato, Delwyn Bartlett, David Kennaway, Leon C Lack, Ron Grunstein, Steven W Lockley, Shantha Rajaratnam

Poster Thematic: Circadian Rhythm Abnormalities and Other Non-Respiratory Sleep Disorders

245 Do individual differences affect performance during shift work?
Alexandra Agostini, Cassie Hilditch, Stephanie Centofanti, Michelle Short

Morning Tea 10:30 AM – 11:00 AM

CONCURRENT SYMPOSIA

S11: Asia Pacific Paediatric Sleep Alliance Symposium: Childhood sleep - A review across cultures
11:00 AM – 12:30 PM
Meeting Room 1

Chaired by Arthur Teng and Daniel Goh

11:00am 246 Introduction to the Asia Pacific Paediatric Sleep Alliance (APPSA)
Daniel Goh

11:05am 247 Child and maternal sleep: a worldwide perspective
Jodi Mindell

11:30am 248 Childhood sleep downunder - comparison with the rest of the world
Arthur Teng

12:00pm 249 Sleep-related breathing disorders and its related problems - the Asia-Pacific aspect
Albert Li

S12: Sam Robinson Memorial Symposium Session: OSA Surgery
11:00 AM – 12:30 PM
Meeting Room 2

Chaired by Stuart MacKay and Richard Lewis

11:00am 250 Choice of procedure in OSA Surgery
Richard Lewis

11:35am 251 Outcome measures in OSA surgery - Beware numerical enslavement
Stuart MacKay

12:10pm Panel discussion
Richard Lewis, Stewart Mackay

S13: Ageing and sleep apnoea phenotypes - One size doesn’t fit all
11:00 AM – 12:30 PM
River View Room 4

Chaired by Denise O’Driscoll and Sonia Ancoli-Israel

11:00am 252 Overview of OSA in the elderly (community prevalence)
Sonia Ancoli-Israel

11:15am 253 Effects of ageing on upper airway physiology: Implications for upper airway collapse
Danny Eckert

11:40am Clinical symptoms and cognitive decline with OSA in the elderly
Garun Hamilton

12:05pm 255 Cardiovascular risk of Obstructive Sleep Apnoea in the elderly: Does it exist?
Denise O’Driscoll
S14: Does OSA cause metabolic consequences - where are we at now?

11:00 AM – 12:30 PM
Riverside Theatre

Chaired by Camilla Hoyos and Brendon Yee

11:00am  257 Mechanistic pathways linking OSA with metabolic dysfunction
Chris O'Donnell

11:20am  OSA and metabolic dysfunction: Evidence from prospective clinical and population based studies
Nigel McArdle

11:40am  Does OSA cause metabolic dysfunction? Evidence from randomised controlled studies
Nathaniel Marshall

12:00pm  The effects of CPAP on glucose control in Diabetics - A randomised controlled study
Matthew Naughton

12:20pm  Putting it together from a clinical perspective
Brendon Yee

S15: Clinical Case History Session - Clinical case studies of the treatment of circadian sleep disorders

11:00 AM – 12:30 PM
Meeting Room 3

Moderated by Shantha Rajaratnam

11:00am  Panel Discussion
Moira Junge, Kurt Lushington, Delwyn Bartlett

Lunch 12:30 PM – 02:00 PM

Research Committee Session

NHMRC project and ARC Discovery Grants: Insight from the Experts
Riverside Theatre

PLENARY SESSION

02:00 PM – 03:30 PM
Riverside Theatre

Central Sleep Apnoea - determinants, pathophysiology and treatment
Chaired by Maree Barnes and Fergal O’Donoghue

2:00pm  Mechanisms of central sleep apnoea and interactions with OSA
Saifwan Badr

2:30pm  Targeting ventilatory control for sleep apnoea resolution
Scott Sands

2:50pm  Management options for adults with CSA
Prof Matthew Naughton

3:10pm  264 Should we be worried about paediatric central sleep apnoea?
Rosemary Horne

Afternoon Tea 03:30 PM – 04:00 PM

CONCURRENT YEAR IN REVIEW SESSIONS

YIR 4: Physiology and Measurement

04:00 PM – 05:00 PM
Meeting Room 1

Angela Campbell and Craig Phillips

YIR 5: Sleep and Breathing Clinical

04:00 PM – 05:00 PM
Riverside Theatre

Michael Hlavac and Matthew Naughton

YIR 6: Paediatrics

04:00 PM – 05:00 PM
River View Room 4

Barbara Galland and Dawn Elder