

PORTABLE DIAGNOSTIC SERVICES

PORTABLE DIAGNOSTICS

SIMPLE DEPLOYMENT

HIGH QUALITY

VALIDATED

RAPID TURNAROUND

COST EFFECTIVE

EASY TO USE

IDEAL FOR REMOTE USE

**To learn more about this service
or order a test visit:**

www.sleepsydney.org/diagnostic.htm

P +61 2 9351 0900

F +61 2 9351 0914

E diagnostic@woolcock.org.au

The Sleep and Circadian Group at the Woolcock Institute of Medical Research has been using portable diagnostics for several years. The ability to rapidly evaluate nocturnal breathing or sleep wake patterns has been a valuable asset to the management of clinical and research patients.

These services are now available to clinicians and researchers in Australia. Using a web-based ordering system, a simple-to-use airflow monitor is delivered directly to the patient. After use, the monitor is returned via self addressed postal delivery for immediate analysis. Summary reports are sent to the referring clinician / researcher with additional information available on-line.

Professional education and consulting are facilitated via the web-based software.

Clinicians are allowed to perform screening studies without the need for in-office personnel, equipment or maintenance. An internet connection and a password are all that is required to order, read, review and manage portable diagnostic study data from the Woolcock Institute of Medical Research.

Diagnostic tools which are developed to support research programs are necessarily robust and reliable. This research focus allows clinical users to enjoy a highly reliable and effective domiciliary recording methodology.

AIR FLOW MONITOR SLEEP-RELATED BREATHING



FlowWizard® is a registered trademark of DiagnoselT Pty Ltd

- TGA approved device (Flow Wizard®)
- Direct to patient service
- Easy to use
- Up to 3 Nights of patient data
- Robust recording auto analysis
- Complete waveform data available
- Specialist review available
- Web-based ordering and reporting (including a web-access to raw data)
- Useful for screening (e.g., for Research, to rule-in or rule-out)
- Useful in the clinical management of OSA
- Simple tool for patient follow-up
- Ideal for regional remote areas
- Validated⁽¹⁾

ACTIVITY MONITORS SLEEP WAKE PATTERNS



Actiwatch® is a registered trademark of Respironics Inc.

- TGA Approved Actiwatch®
- Waterproof durable home recording for up to 11 days
- Lightweight comfortable ergonomics
- Initialized and downloaded by professionals
- Summary statistics generated and reported
- Professional over-read and interpretation available when requested.
- Useful in clinical insomnia diagnosis and management.
- Available for chronobiology, circadian rhythm and continuous operations research.

UNBURDENED ORDERING

The clinician orders the study as he/she would for almost any diagnostic



REFERRING
PHYSICIAN



WOOLCOCK
INSTITUTE of MEDICAL RESEARCH
PORTABLE DIAGNOSTIC SERVICES



PATIENT/
SUBJECT

- No equipment/disposables stock
- No capital investment
- Fully web-enabled portability
- Data sharing with other clinicians
- Access to sleep clinician over-read
- Home studies
- Measurement in non-laboratory environment
- Technical support hotline
- Web-enabled FAQ and guide

(1) Wong K, Jankelson D, Reid A, Unger G, Dungan G, Hedner J, Grunstein R. Diagnostic test evaluation of a nasal flow monitor for obstructive sleep apnea detection in sleep apnea research. Behavior Research Methods, in press.

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WOOLCOCK
INSTITUTE of MEDICAL RESEARCH

| leaders in breathing and sleep research |