

Compumedics vista

A COMPUMEDICS CLIENT UPDATE, ISSUE 17

**Come and see us at Booth 12
at the Australian & New Zealand
Association of Neurologists Annual
Scientific Meeting in
Christchurch, NZ.**

Get to know Innovations from Compumedics

Compumedics has been bringing Innovations to the world of Sleep Diagnostics and Neurology for over 22 Years. Compumedics is proud to introduce **ProFusion EEG 4** our latest continuing innovation and significant advance in Clinical and Long Term Monitoring software. In addition we are also excited to announce release of our **NEW Neuvo EEG** amplifier system providing exciting new capabilities to expand your lab. Of course, Neuvo is the perfect complement to ProFusion EEG 4 software. Compumedics was the first with IP addressable amplifiers, and from there we have added wireless amplifiers utilizing WiFi and Bluetooth technologies. We innovate because we realize that a single solution is rarely the best way to meet the needs of every individual lab requirement.

This is also why we develop all of our own software in-house. We continually update and enhance our software as we learn and integrate what our customers need and request. Advanced research, Clinical EEG, Long-term monitoring or home sleep testing, the Compumedics and the new **ProFusion EEG 4** software suite has you covered in every instance.

Compumedics completes the total lab with our **ProFusion NeXus LMS** with optimized solutions for lab management, scheduling, HIPPA compliance and data integration via HL7 interface options. Our innovations go beyond mere features and gimmicks to provide sound, total lab solutions - no matter what your area of focus.

**Contact Compumedics today and get to know
Innovations from Compumedics.**



CELEBRATING
over
20
YEARS
of SLEEP
DIAGNOSTICS
EXCELLENCE
1987 - 2007

INSIDE

- **Build your ideal EEG Lab - It's easy with Compumedics** ②
- **NEW Neuvo - HD EEG** ②
- **NEW Updated Siesta802-Advanced Wireless Technology** ③
- **Compumedics Neuroscan - Innovations in Research** ④
- **Compumedics DWL - Innovations in TCD** ④

Neuvo HD EEG
• High Channel Count,
high Sampling rates
• True DC Coupling
• Research Grade Capabilities
in your clinical or
EMU environment

**Updated Siesta802
Advanced Wireless
Technology in EEG
Data Recording.**
... Just got even better!



COMPUMEDICS
'Defining Life's Signals'



Building your EEG lab is as easy as...

Let us show you how.

No matter what your needs are for an EEG or sleep lab, Compumedics has everything you require to build a great facility. Compumedics has the hardware and software solutions you can rely on to run your lab efficiently, effectively and reliably. In addition, Compumedics through our Neuroscan division can reliably meet all your EEG research needs.

1. Choose your hardware...



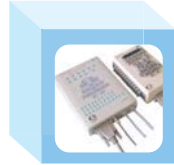
Neuvo EEG
High-Definition
EEG/LTM Amplifier



Siesta (★)
Revolutionary PSG & EEG
Diagnostics for
a Wireless World



Safiro (★)
Diagnostic Excellence
in Ambulatory
PSG & EEG



E-Series (★)
Comprehensive,
Network-linked Amplifier
System for PSG & EEG

2. Choose your software...



NEW - ProFusion EEG 4
World Class Acquisition, Review
& Analysis Software for EEG.
NOW fully supported in CURRY
Source reconstruction
analysis software.



ProFusion PSG (★)
World Class Acquisition, Review
& Analysis Software for PSG



**ProFusion neXus Lab
Management System (★)**
Complete laboratory
management system for total
patient data & laboratory control



Digital video (★)
Superior capabilities with full 720
x 486 resolution at 30 frames
per second. MPEG 4
compression.

3. Add some options...



CURRY
World renowned, Gold Standard
software in multi-modal
neuroimaging and source
reconstruction analysis.



ECGfree (★)
Quickly and easily remove any
ECG artefact from any trace with
ECGfree technology without
compromising your raw data.



neXus Remote Access (★)
Get easy web or network access
to sleep studies from anywhere,
with the confidence of full
data security

★ - Supports PSG too

NEW EEG/LTM Innovations only from Compumedics at the 2009 American Association of Neurology.

neuvo™

The Ultimate Long-term EEG Monitoring System

EEG/LTM in High Definition

- High Definition 24-bit resolution
- High channel counts for depth and grid recordings
- True DC coupled inputs (DC to 3500Hz)
- Research grade for your clinical and LTM environments
- Convenient Bedside impedance checking
- Lightweight 64 Channel Jackbox for patient comfort
- Unprecedented sampling rates up to 10,000 Hz

Fully integrated digital monitoring system Control Box

Centralised system display and control unit allows connections for Strobe, Event Button, Camera, Microphone and other external devices.



Wall Configuration

Bedside control from touchscreen LCD Display

- Unique Integrated LCD Display and Control Panel
- Bedside patient information for centralised operation at your fingertips
- Convenient calibrations and impedance checking in the room

Passive Headbox

- 64-channel light-weight and compact patient worn passive jack box

Design derived from the SynAmps2 Clinical Amplifier

- Ultimate amplifier technology platform for brain research
- High speed amplifier sampling up to 10,000Hz all channels
- High channel counts up to 256 channels
- True DC amplifier (bandwidth DC to 3500Hz)
- No stimulus artifact
- Superior quality EEG with our "Active Noise Cancellation" technology
- Grid and surface recordings
- 64 referential EEG inputs per amplifier
- 4 bi-polar inputs per amplifier
- Up to 4 amplifiers per system unit

Neuvo components also function perfectly with our SynAmps2 'Research' Amplifier (available for evaluation of high frequency and high sampling rates data up to 20,000Hz). Use with Neuvo software for ERP.



S I E S T A
802™

The updated Siesta802- re-setting the benchmark, now more capable and powerful.

The World's first Wireless PSG/EEG system, the Compumedics **Siesta802** is again setting new benchmarks. The team at Compumedics has now enhanced the Siesta802 to be even more capable and powerful.

Compumedics has now armed the Siesta802 with the full complement of 802.11 standards a, b and g. This new development allows for the first time, the potential of the 5GHz band to be tapped for your benefit.

Enjoy these benefits with the updated Siesta802:

- higher transmission fidelity with less interference
- 5 times greater bandwidth capable up to 54Mbps allows more robust networking and sharing
- full channel complement for neurology applications and research at maximum sample rate
- improved range for increased versatility
- longer battery life with reduced power consumption

Compumedics has also included more user-friendly features including a programmable recording start time for convenience and increased study success.

Digital Video performance has been elevated with the updated Siesta802 enhanced video synchronisation.

The updated Siesta802- re-setting the benchmark, now more capable and powerful.

Contact Compumedics today for more information !

See us at ANZAN ASM - Booth 12:



Compumedics Innovations in Research from Neuroscan

This year at AAN stop by to see the latest research Solutions from Neuroscan.
CURRY will be featured and we're happy to provide information on our NEW MagLink RT, SYNAMPS RT and SynAmps Wireless devices! Visit us on the web at **Neuroscan.com** to see our new host of online support tools to help you get the most from the Neuroscan product line.



Compumedics DWL at AAN - Innovations in TCD

Stop by our booth to see the latest Doppler tools from Compumedics DWL.
Whether you are searching for compact mobile devices for in-office use or multi-channel OR monitoring or research systems, DWL has the right system for your specific application. Or visit **DWL.DE** for specifics on any of our systems.



ABOUT COMPUMEDICS



Since 1987, Compumedics Limited has emerged as a world leader in the design, manufacture, and sales of diagnostic sleep, neurophysiology, research and transcranial Doppler systems. Compumedics' design expertise in the area of portable recorders and wireless data transmission is just one reason for our continued double digit growth in the USA year after year. Compumedics is improving people's lives through products, exceptional service and a full range of consumables and accessories brought to you by dedicated people who care.

THE COMPUMEDICS DIVISIONS *Defining Life's Signals*

Compumedics' operations consist of five divisions - each with its own product focus



CONTACT www.compumedics.com

If you would like to receive the Compumedics Vista Update via Email, please send your details and email address to Marketing@compumedics.com.au

Compumedics Limited, Australia:
Headquarters
30-40 Flockhart Street
Abbotsford VIC 3067, Australia
Ph: +61 3 8420 7300
Fax: +61 3 8420 7399
Free Call: 1800 651 751

Compumedics USA, Limited:
6605 West WT Harris Blvd, Suite F
Charlotte, NC 28269
Toll Free: +1 877 717 3975
Ph: +1 704 749 3200
Fax: +1 704 749 3299

Compumedics Germany GmbH:
Global HQ for Compumedics DWL
Josef-Schüttler-Strasse 2
D-78224 Singen, Germany
Ph: +49 7731 79 76 9-0
Fax: +49 7731 79 76 9-99

