

e3 Easy[®] III



When you purchase Easy® III PSG for your sleep lab, you aren't just acquiring a piece of quality, flexible equipment.

You're caring for your patients with a time-tested and user-friendly system that gives you clear signals.

You're implementing efficient and flexible software with live remote viewing, concise reporting, and complimentary upgrades.

And you're building a team of qualified, informed support personnel who have your back.



CADWELL®
Helping you help others



Remote Input Box

Using the compact and lightweight headbox protects your amplifier from accidental drops during the night, ensures recording integrity and provides patient convenience.

Easy III Amplifier

Record crystal clear signals with the 4kHz sampling rate and perform impedances bedside. Amplifier inputs remain active even when using the Remote Input Headbox.

Channels: 32 (7 Active/Ref pairs)
DC: 8 (+10V to -10V)
EasyNet: Connect up to 12
Connection: 1.5mm touchproof
Sampling: 4 kHz (200 Hz DC)

Storage: 250 Hz (200 Hz DC)
Noise: <2 μ V
Sensitivity: 0.5-1000 μ V/mm
LFF: 0.032-10 Hz

HFF: 1-100 Hz
Notch: 50 or 60 Hz
Dimensions (HxWxD):
 4.5 x 23 x 15 cm
 1.8 x 9.1 x 5.9 in

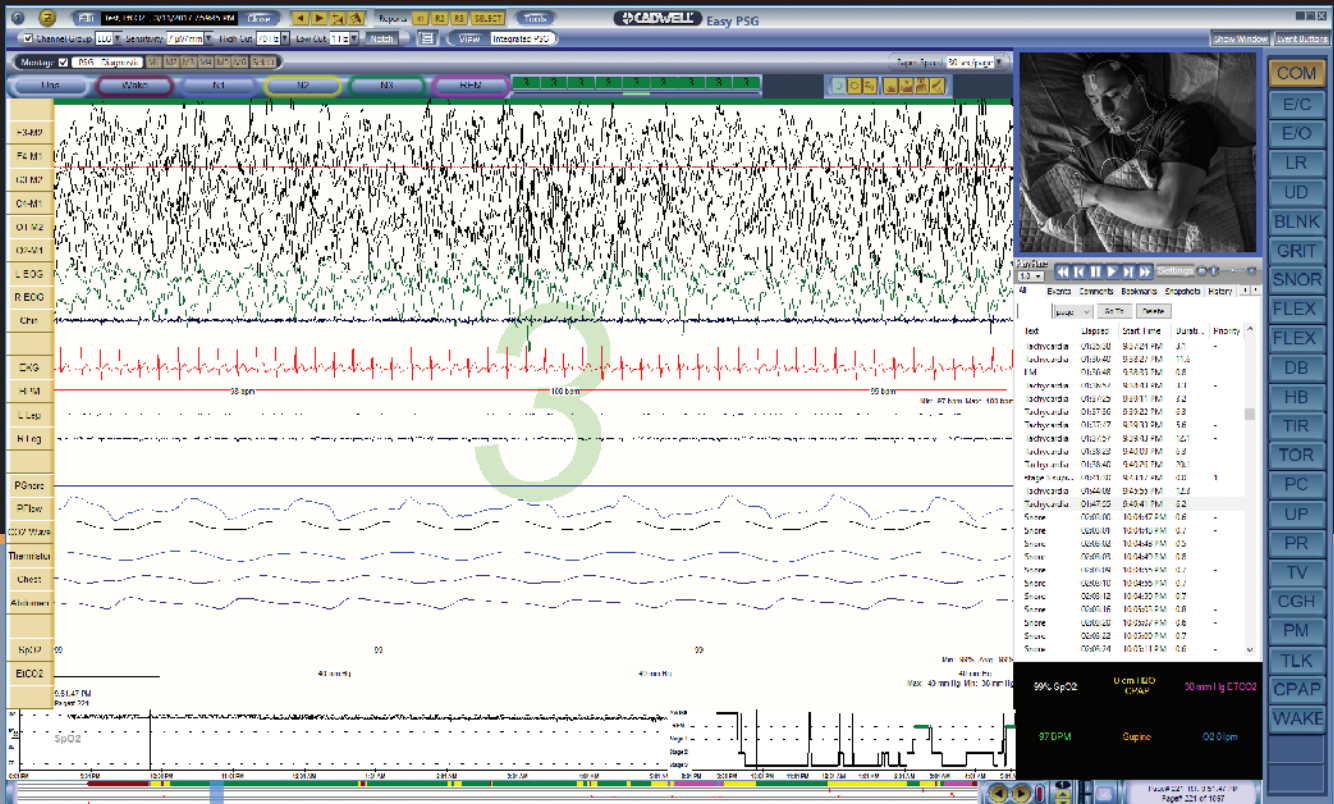
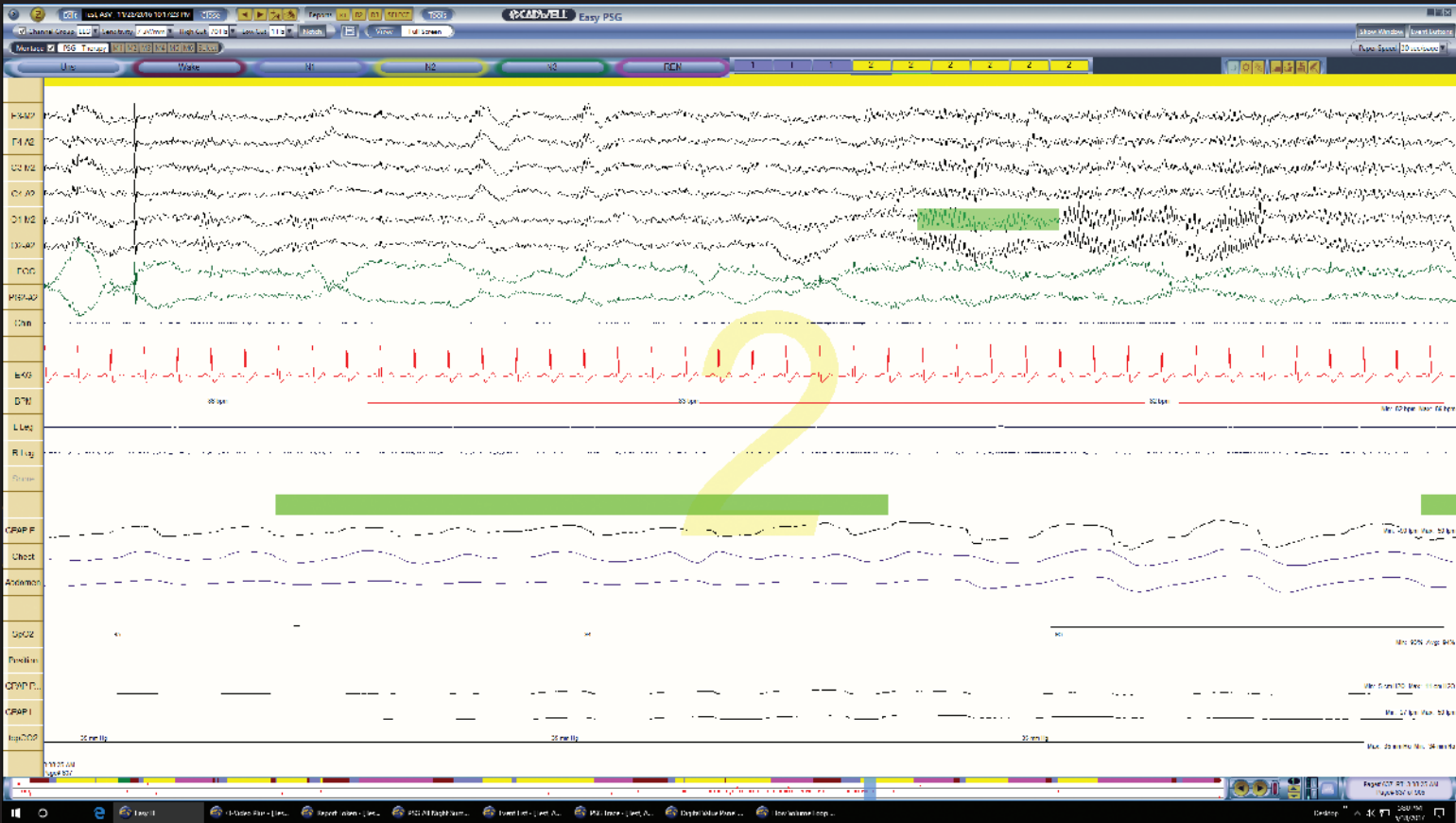


EasyNet® Patient Modules

Place your signals at the amplifier or on the patient with EasyNet Patient Modules for nasal pressure, oximetry, body position or limb movement actigraphy.

A FLEXIBLE WORKSPACE

Role-based, personalized software behaves the way you want and can be modified on-the-fly.

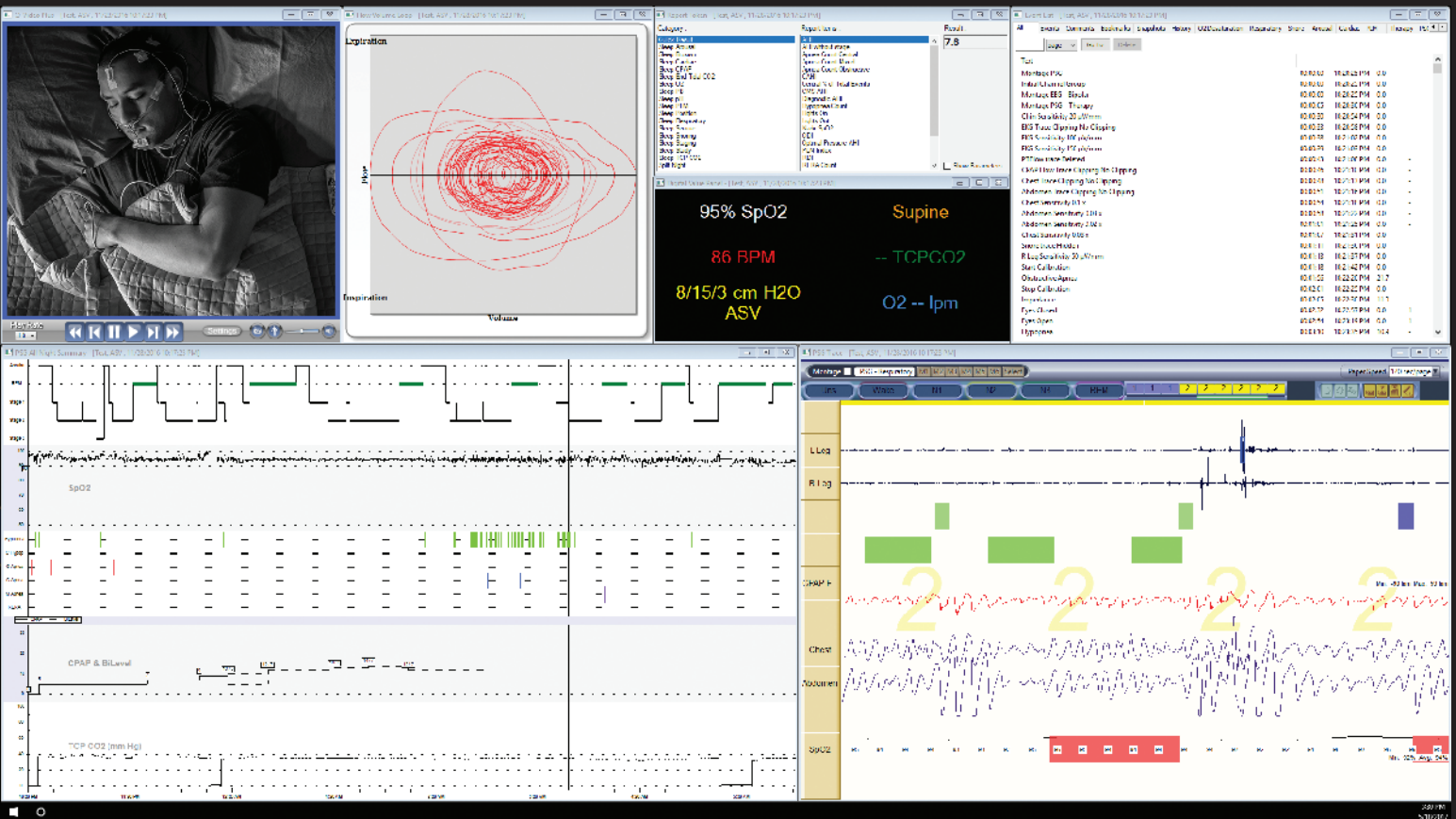


Configure your recording workspace to see everything on a single monitor.

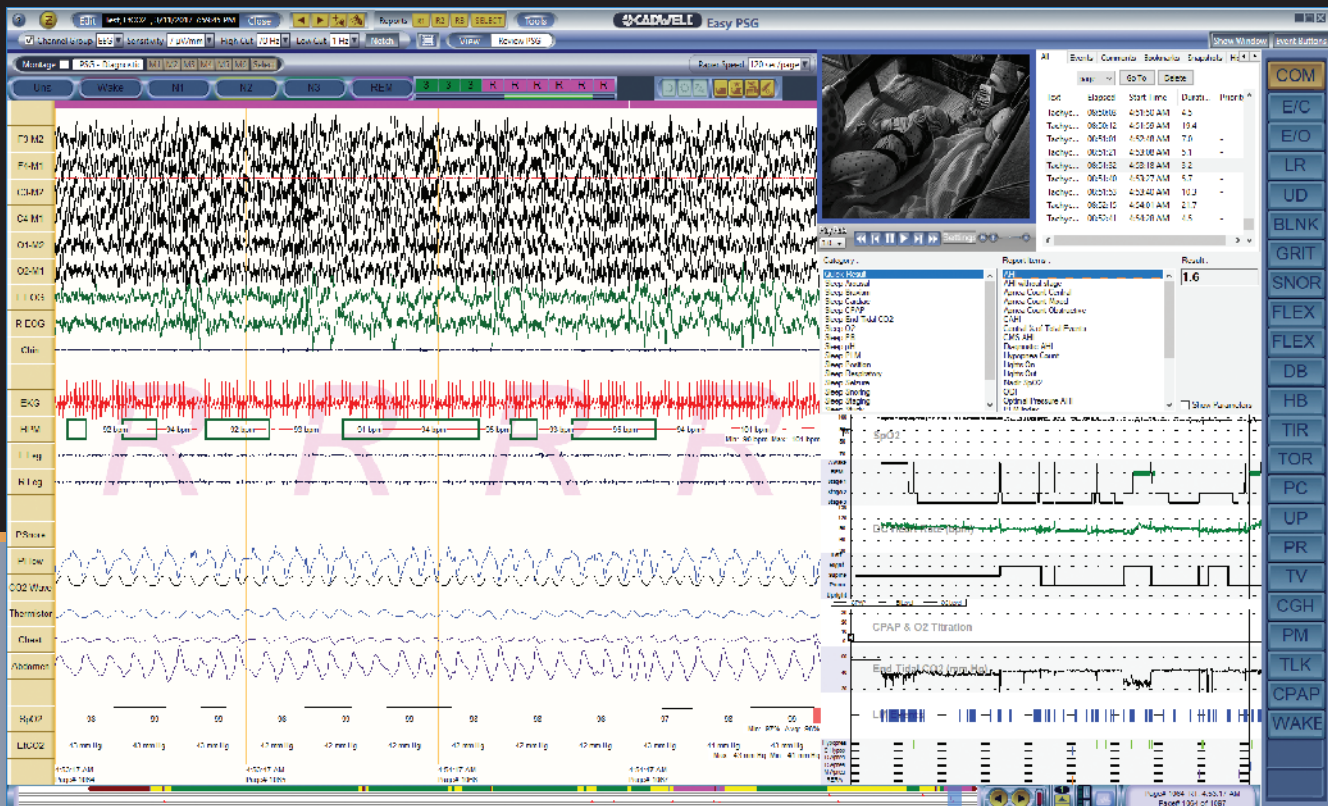
Simultaneously monitor live and recorded video to improve patient care during the study.

Synchronized montages and reports mean you don't need to copy files to every station.

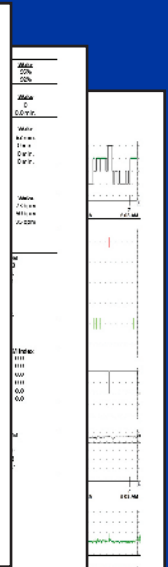
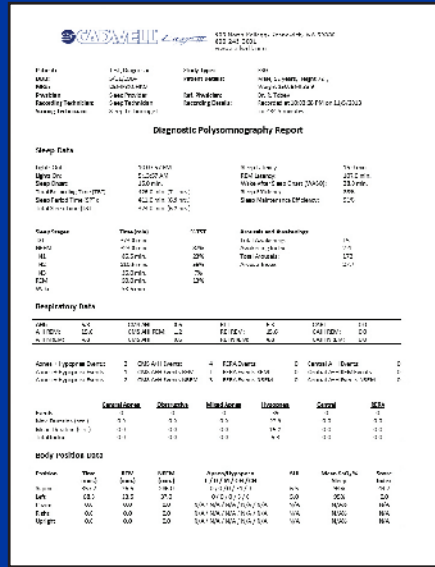
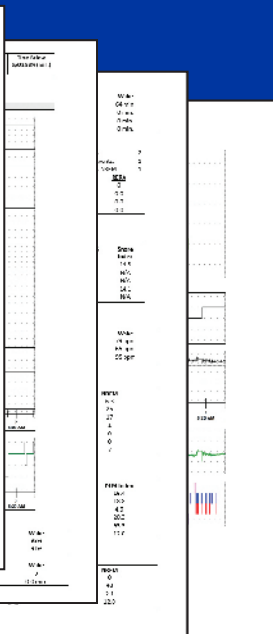
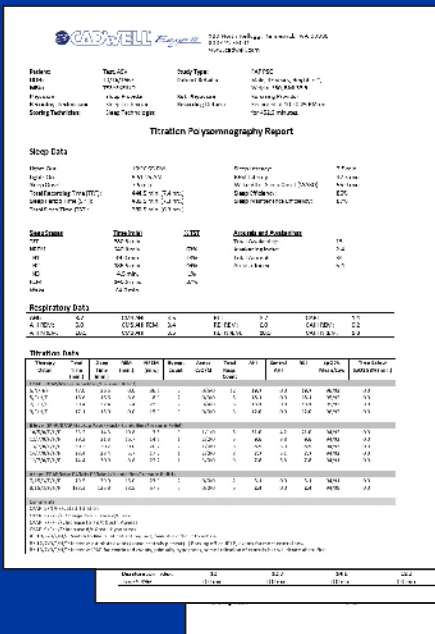
Build your workspace across multiple monitors, or consolidate to a single monitor display.



Customize a dual-monitor workspace.

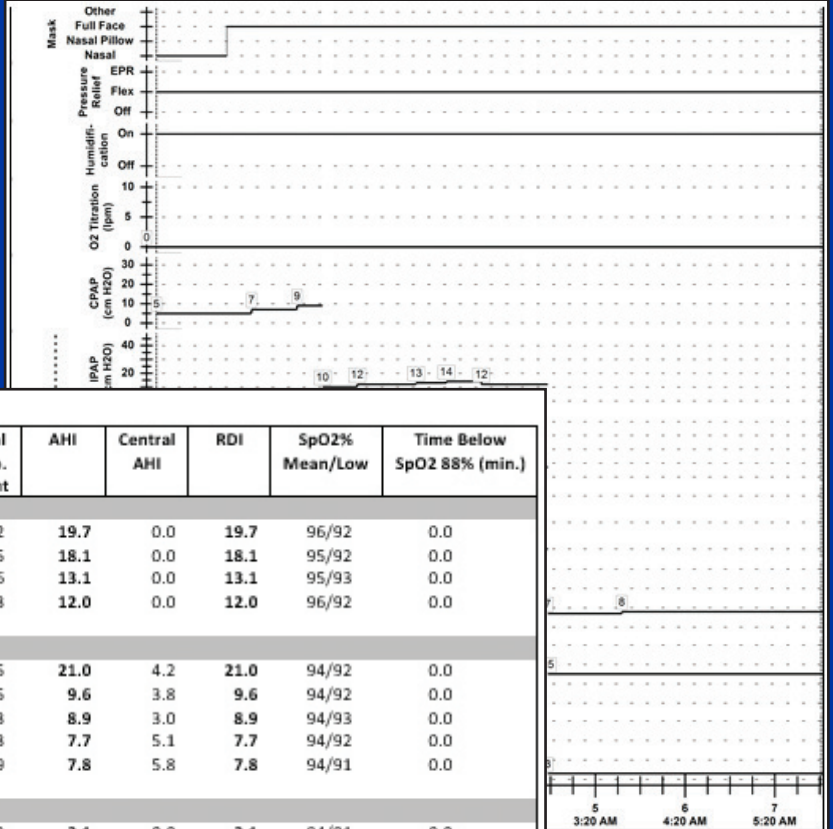


Build your own single monitor review workspace.



CLINICALLY-FOCUSED REPORTS

- Flexible and configurable templates let you build your reports the way you want them.
- Make your workflow more efficient by instantly sending results to your EMR via HL7Link.
- Highly detailed titration reports provide more insight on complex patients.



Titration Data

Therapy Detail	Total Time (min.)	Sleep Time (min.)	REM (min.)	NREM (min.)	Hypop. Count	Apnea C/O/M	Total Resp. Count	AHI	Central AHI	RDI	SpO2% Mean/Low	Time Below SpO2 88% (min.)
CPAP (CPAP/Mask/Humidifier/Pressure Relief)												
5/N/H/F	47.0	36.5	0.0	36.5	7	0/5/0	12	19.7	0.0	19.7	96/92	0.0
5/F/H/F	16.6	16.6	8.6	8.0	2	0/3/0	5	18.1	0.0	18.1	95/92	0.0
7/F/H/F	30.4	27.4	5.4	22.0	2	0/4/0	6	13.1	0.0	13.1	95/93	0.0
9/F/H/F	17.1	15.0	0.0	15.0	3	0/0/0	3	12.0	0.0	12.0	96/92	0.0
Bilevel (IPAP/EPAP/Backup Rate/Mask/Humidifier/Pressure Relief)												
10/5/0/F/H/F	23.2	14.3	10.8	3.5	3	1/1/0	5	21.0	4.2	21.0	94/92	0.0
12/7/0/F/H/F	39.3	31.3	16.7	14.5	1	2/2/0	5	9.6	3.8	9.6	94/92	0.0
13/7/0/F/H/F	20.2	20.2	0.0	20.2	2	1/0/0	3	8.9	3.0	8.9	94/93	0.0
14/7/0/F/H/F	23.4	23.4	5.7	17.7	1	2/0/0	3	7.7	5.1	7.7	94/92	0.0
12/7/0/F/H/F	44.4	30.9	8.8	22.2	1	3/0/0	9	7.8	5.8	7.8	94/91	0.0
Adapt (EPAP/Max PS/Min PS/Mask/Humidifier/Pressure Relief)												
7/15/3/F/H/F	49.5	39.0	16.0	23.0	2	0/0/0	2	3.1	0.0	3.1	94/91	0.0
8/15/3/F/H/F	133.3	125.8	68.5	57.3	5	0/0/0	5	2.4	0.0	2.4	94/89	0.0

Comments:
 CPAP: 5/N/H/F: Start Titration
 CPAP: 5/F/H/F: Change to Full Face d/t Leak
 CPAP: 7/F/H/F: Increase to 7 d/t Obstr. Apneas
 CPAP: 9/F/H/F: Increase d/t Obstr. Hypopneas
 Bi: 10/5/0/F/H/F: Switch to Bilevel at patient request, feels it is difficult to exhale.
 Bi: 12/7/0/F/H/F: Increase d/t obstr events (some centrals present). | Backing off on IPAP, events far more central now.
 Bi: 13/7/0/F/H/F: Increase IPAP for continued events, primarily hypopneas, some indication of centrals but will titrate obstr. first.
 Bi: 14/7/0/F/H/F: Increase per continued events.
 ASV: 7/15/3/F/H/F: Centrals heavily predominant (>50%), per order, switching to ASV
 ASV: 8/15/3/F/H/F: Doing much better, centrals resolved, increasing EPAP d/t some indication of obstr hypopneas.

Mask= N:Nasal, P:Nasal Pillow, F:Full Face | Humidifier= H:On, :Off | Pressure Relief= F:Flex, E:EPR, :Off



DESIGNED FOR KIDS *of all ages*

- Configure software for pediatric and neonatal patients
- Interface with a wide variety of external oximetry, CO₂ and pH monitors
- Record enough channels for nocturnal seizure montages
- Capture high quality video to validate the trace data during acquisition and review



MONITOR YOUR WAY, *anywhere*

Access all stored patient data as well as live recordings from anywhere via Citrix. Build physician worklists so you know which studies you've already done and which studies need to be completed.

We are dedicated to developing innovative, user-friendly solutions for Sleep Disorders to help you provide quality, around-the-clock patient care.

THE CADWELL STORY

John Cadwell, BSEE, MD, saw a need for innovative and reliable neurophysiology instruments during his residency at the University of Washington School of Medicine.

John combined his experience in electrical engineering and medicine to design the world's first microprocessor-controlled EMG instrument. Together with his brother, Carl Cadwell, DDS, John formed Cadwell Laboratories in 1979.

In the 1980s, Cadwell Laboratories developed the best-selling 5200A EMG and the Spectrum 32 EEG.

Cadwell's Sierra took over the EMG line and Cascade IONM and Easy EEG were introduced in the 1990s.

Cadwell has a strong history of supporting customers. Please discuss service, support, warranty and training information with your sales manager or distributor.

In the 2000s, Cadwell developed the industry's best integrated report generator, and released the Easy PSG.

Lately, we have expanded our headquarters and opened offices in China and Singapore. Our global sales and support teams help physicians and medical centers worldwide help their patients.

Today, our brands include Arc EEG, LTM and ICU cEEG; Cascade[®] IONM; Sierra[®] EDX; Easy[®] PSG and CadLink[™] data management.

Cadwell is staying true to its mission: helping you help others.



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