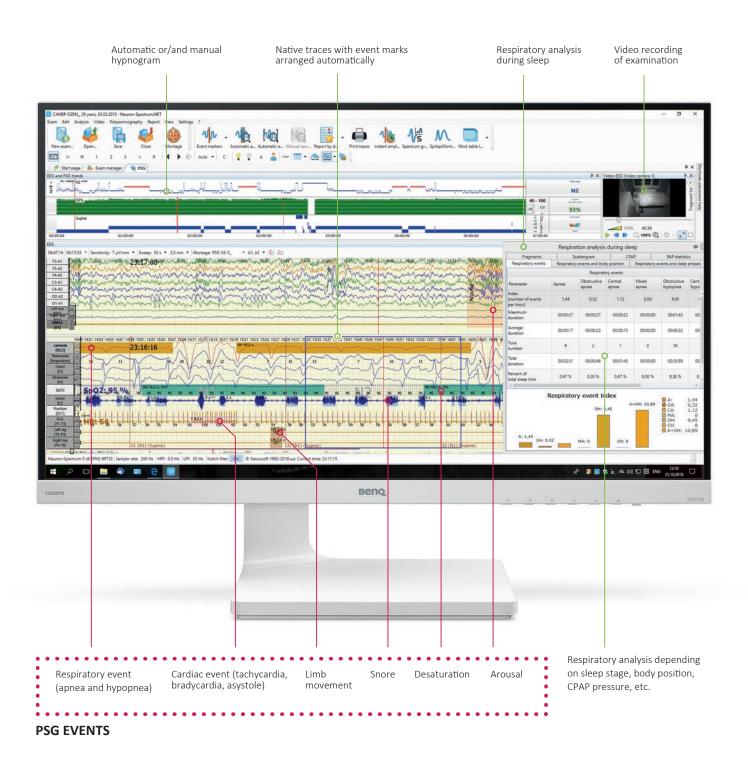
NEURON-SPECTRUM.NET/PSG

Neuron-Spectrum-4/PSG is delivered with powerful Neuron-Spectrum.NET software which is ideal for all PSG study types ranging from home sleep apnea testing to more complex studies with additional EEG channels. The recommended workflow, automatic scorings and calculated indices meet the AASM guidelines that provide comprehensive recommendations for evaluation, diagnosis, treatment and follow-up of patients with sleep disorders.

The flexible Neuron-Spectrum.NET software is an essential tool that makes your workflow more efficient. Now, PSG records can be interpreted at least in half the time and user-friendly interface provides quick and easy access to any function of the software.



MSLT AND MWT

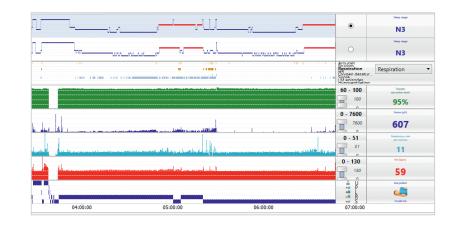
Besides conventional sleep stage analysis, the software has integrated multiple sleep latency test (MSLT) and maintenance of wakefulness test (MWT).

ANALYSIS DURING ACQUISITION

Helpful feature of our software is automatic sleep staging during the recording.

PSG TRENDS

PSG trends allow monitoring the changes of specified values during the acquisition. The trends of all recorded parameters can be displayed — SpO_2 , respiratory rate, thoracic and abdominal respiratory efforts, heart rate, snoring, arterial blood pressure, etc. Rightward the trend the information panel with the current parameter value is displayed. Use this panel during the acquisition and viewing of the examination.



Hea	rt rate analysis result	l and		trais during sleep			•			•
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umber of brodycardias	per hour)		-	Stage	00.34.94					4115
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acmum heart rate during REM (born	Percent of total sleep time	0,58 %		Environt of		20,0 %	12.9 10			
				maximum segments		17	12	4	1	1
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ANALYSIS WINDOWS

The analysis of sleep stages, respiratory events, desaturation, heart rate, snore, body position, limb movements and hypoventilation during sleep is performed automatically. The results of analysis are clearly and conveniently displayed in tables and graphs.

PSG REPORT

You can generate PSG reports the way you want to see them. The report can include information on a patient and medical facility and also the detailed analysis of obtained PSG data (hypnogram, analysis of sleep stages, SpO_2 and body position trends, indices and other calculated values for apnea, hypopnea, RERA, desaturation, snore, etc.).

Using a flexible report editor a specialist can create configurable templates and select a specific report for each type of PSG study.

