

CPT® 2027 Recognizes Clinical Depth in Home Sleep Testing. Somfit® Delivers It Today.

The new unattended sleep testing codes recognize the clinical value of what each study measures. Compumedics' FDA-cleared Somfit and Somfit-D record EEG to measure sleep directly and support moderate-complexity studies today.

CHARLOTTE, N.C., September 24, 2026. Compumedics Limited (ASX: CMP), a global developer of sleep and neurodiagnostic technologies, today outlined how its Somfit and Somfit-D home sleep testing platforms align with the restructured unattended sleep testing codes that take effect in the CPT® 2027 code set.

Beginning with the CPT® 2027 code set, the American Medical Association (AMA) replaces the legacy bundled home sleep apnea testing codes (95800, 95801 and 95806) with six new codes. Under the new structure, studies are reported as separate technical and professional components and classified as low, moderate or high complexity. Complexity is determined by two factors: the number of clinically relevant channels a study records and the number of parameter categories it analyzes.

The message for sleep programs is simple. Under the new framework, a device's clinical value is no longer defined by the apnea-hypopnea index alone. It also depends on how much of the patient's physiology the study captures and how directly it is measured.

What Changes on January 1, 2027

As described in the September 2026 issue of CPT® Assistant, the new framework:

- **Deletes** 95800, 95801 and 95806 and adds 95843, 95844 and 95846 (technical component: setup, acquisition and technical analysis) and 95847, 95848 and 95849 (professional component: interpretation and report).
- **Sets complexity by the lower of two counts:** clinically relevant channels recorded and clinically relevant parameter categories analyzed.
- **Separates direct from derived measures of sleep.** Direct measures stage sleep using electroencephalogram (EEG), electrooculogram (EOG) and electromyogram (EMG) channels. Derived measures estimate sleep stages from other signals.
- **Excludes** prescreening and consumer-grade devices from these codes.

CPT® 2027 unattended sleep testing complexity thresholds

Complexity	TC code	PC code	Channels	Parameter categories
Low	95843	95847	3–4	3–5
Moderate	95844	95848	5–10	6–8
High	95846	95849	11 or more	9 or more

Source: AMA CPT® Assistant, September 2026, Table 3.

Why Direct Measurement Matters

Most home sleep tests in use today were designed to count breathing events. Many do not measure sleep at all, and others infer it from peripheral signals. CPT 2027 now defines the difference in writing: direct

measures of sleep stage sleep using EEG, EOG and EMG channels, while derived measures estimate sleep stages from other signals. Direct and derived measures count as one parameter category; the advantage of direct measurement is clinical confidence and the EEG, EOG and EMG channels it contributes.

Somfit and Somfit-D are FDA-cleared, frontal EEG-based home sleep test devices. They capture EEG, EOG and EMG from a single forehead sensor, together with oximetry, photoplethysmography, peripheral arterial tonometry, snore, movement and position. They give clinicians brain-based sleep data that previously required an in-lab study, in a format patients can apply themselves at home.

Where Somfit and Somfit-D Stand Today

The current U.S. release of Somfit and Somfit-D records 10 channel types, and every one of them appears in the AMA's list of channel examples: EEG, EOG, EMG, SpO2, photoplethysmography, peripheral arterial tonometry, pulse rate, snore, movement (actigraphy) and position. Its analytics cover seven CPT parameter categories, each counted once under CPT rules.

That inventory aligns with the moderate-complexity thresholds (95844/95848), subject to the clinically relevant data recorded and analyzed for each study. It also gives each study a full view of sleep architecture, arousals, oxygen desaturation and heart rate, not just an event count.

Somfit and Somfit-D current U.S. release: CPT parameter categories

CPT parameter category	Somfit and Somfit-D outputs
Sleep summary	Total sleep time, sleep efficiency, sleep latency, WASO, stage durations; arousal index, respiratory arousal index, arousal burden
Sleep stages	Wake, N1, N2, N3, REM; hypnogram
Oxygen summary	SpO2, oxygen desaturation index (ODI), minimum SpO2, desaturation measures
OSA respiratory indices	pAHI/AHI, obstructive events; snore level, snoring burden and time snoring
Cardiac indices	Mean, minimum and maximum heart rate; heart rate variability; bradycardia and tachycardia
Movement indices	Actigraphy and movement burden
Positional indices	Time supine and non-supine, position-dependent AHI

Arousal indices are counted within sleep summary, snoring within OSA respiratory indices, and bradycardia and tachycardia within cardiac indices, consistent with CPT® Assistant Table 2.

Somfit and Somfit-D current U.S. release against CPT® 2027 thresholds

	Somfit and Somfit-D current U.S. release
Channel types recorded	10 (all appear as CPT channel examples)
CPT parameter categories	7
Aligns with	Moderate-complexity thresholds (95844/95848)
Sleep measurement	Direct (EEG, EOG, EMG)

Built for Compliant Coding

CPT 2027 is clear that the device does not determine the code; clinical relevance does. Additional channels that do not produce clinically meaningful parameters do not justify a higher level, and studies should not be reported at a higher level based solely on device capability.

Compumedics supports that principle. The Somfit range gives clinicians the flexibility to order and interpret the study the patient actually needs. For a straightforward OSA workup, that may be a low-complexity study. For patients who need a fuller picture of sleep architecture, oxygenation and positional breathing, it can be a moderate-complexity study, all on a single platform, without switching devices or bringing the patient into the lab.

What This Means for Sleep Programs

- **One platform, low to moderate complexity.** Match study complexity to clinical need without stocking multiple home test devices.
- **Direct sleep data at home.** EEG-based staging supports more confident interpretation and fewer repeat or in-lab studies.
- **Ready for the 2027 transition.** The Somfit and Somfit-D channel and parameter set maps directly to the AMA's published examples, which simplifies documentation and coding workflows.
- **Reusable and single-use options.** Somfit and the single-use Somfit-D are both FDA-cleared, which supports different program models and infection-control needs.

“CPT 2027 confirms what sleep medicine has long known: the quality of a sleep study depends on how directly it measures sleep. The Somfit range was designed to bring EEG-based sleep measurement into the home, and it gives clinicians that direct measurement today, in a device patients can apply themselves.”

Warwick Freeman, Chief Technology Officer, Compumedics Limited

Next Steps

Sleep programs, IDTFs and hospital sleep centers preparing for the 2027 transition can contact Compumedics USA for a Somfit and Somfit-D channel and parameter mapping guide and a product demonstration. Phone: 877-717-3975

About Compumedics

Compumedics Limited (ASX: CMP), founded in 1987 and headquartered in Melbourne, Australia, has almost 40 years of experience developing, manufacturing and commercializing diagnostic technologies for sleep, neurodiagnostics, brain research and ultrasonic blood-flow monitoring. Compumedics USA, Inc. is based in Charlotte, North Carolina. Learn more at www.compumedics.com.au.

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