NATE COOMBS, RPSGT

SLEEP MEDICINE | CLINICAL QUALITY | TRAINING & DEVELOPMENT | HEALTHCARE OPERATIONS

Bismarck, ND • 919-434-1336 • nate.coombs@proton.me • linkedin.com/in/nate-coombs

PROFESSIONAL PROFILE

Registered Polysomnographic Technologist with 14 years of experience in AASM-based sleep testing and scoring, AI-assisted PSG quality review, patient education, and sleep-lab operations. Founded and led an AASM-accredited A-STEP education program, directed a sleep lab, supported multi-site coordination, and developed tools for training, scheduling, and patient follow-up. Experienced working independently and with remote teams.

CORE QUALIFICATIONS

Clinical & Quality: PSG / HST / MSLT; adult and pediatric studies; AASM scoring; AI scoring validation; interscorer quality review; PAP titration

Education & Communication: A-STEP curriculum design; adult instruction; onboarding and mentoring; competency assessment; patient education; training presentations

Operations & Technology: Laboratory coordination; scheduling; order review; accreditation preparation; payroll and inventory support; Excel, Microsoft Lists, Outlook, Teams

PROFESSIONAL EXPERIENCE

Polysomnographic Technologist — Jun 2026–Present

Sanford Health, Sleep Disorders Center | Bismarck, ND

- Validate and correct EnsoData AI-scored PSGs epoch by epoch against raw signals and AASM criteria.
- On scoring-focused days, review approximately six PSGs plus three to four HSTs on-site, or ten PSGs plus four to six HSTs when working remotely.
- Score diagnostic, split-night, PAP titration, ASV, and pediatric studies; conduct and score MSLTs and complete supporting clinical documentation.
- On designated HST setup days, educate and equip approximately six to eight patients on WatchPAT devices while maintaining scoring responsibilities.
- Proposed an A-STEP education approach for five Sanford locations and began preparing training materials; broader implementation remains pending an accreditation pathway.
- Maintain a shared Outlook work-location and scheduling calendar used by the lead technologist and supervisor to coordinate remote and on-site coverage.

Durable Medical Equipment Specialist — Feb 2026–Jun 2026

Sanford Health Equip | Sioux Falls, SD

- Conducted approximately seven PAP device setups per day, explaining sleep-study findings, mask selection, device operation, and practical adherence strategies.
- Managed incoming patient questions and scheduled one-week, one-month, and three-month follow-up outreach using ResMed AirView; addressed mask discomfort, low use, and equipment concerns.
- Explained insurance coverage, patient responsibility, and common Medicare, Medicaid, and commercial-payer requirements in understandable terms.
- Developed and used a patient-friendly CPAP and mask education brochure with AI-assisted drafting; the supervisor also used it and requested it remain available for future patients.
- Used Microsoft Lists to organize patient follow-up work and improve visibility of outstanding tasks.

Founder; A-STEP Program & Technical Director — Jan 2025–Sep 2025

Solstice Sleep Institute / Pulmonary & Sleep Consultants | Sioux Falls, SD

- Conceived, built, and launched an AASM-accredited A-STEP introductory program, including policies, course curriculum, schedules, classroom materials, quizzes, examinations, and training documentation.
- Directed two cohorts and instructed three learners; their AASM course final-exam scores were 89%, 90%, and 94%. One graduate subsequently joined the lab as a technologist.
- Created PowerPoint teaching materials and an Excel gradebook to track assignments and learner progress; facilitated hands-on clinical skill development.

- Served as interim Sleep Lab Coordinator for five locations, handling order review, scheduling, HST review, result calls, MSLTs, staffing support, and operational communication.
- Supported clinic payroll through employee-hours and PTO verification; coordinated supply ordering and designed a reusable payroll communication template.

Sleep Lab Director — Jun 2024–Nov 2024

Pioneers Medical Center | Meeker, CO

- Managed the operations of a two-bed laboratory, including staffing, patient scheduling, order review, supplies, physician communication, and hands-on testing.
- Established daily communication with the interpreting medical director in place of a weekly reading cadence, improving study availability and report turnaround.
- Taught a cohort of three students in an existing A-STEP program; all passed the course, and two later obtained RPSGT credentials.
- Supported accreditation and quality-improvement work while conducting PSGs, arranging HSTs, and scoring home sleep tests.

Lead Sleep Technologist — Oct 2017–Apr 2024

Pulmonary & Sleep Consultants | Sioux Falls, SD

- Performed and scored diagnostic PSGs, PAP titrations, and specialty sleep studies, averaging approximately five sleep studies per week.
- Organized policies and evidence for AASM laboratory reaccreditation; helped address identified deficiencies and assisted other locations with preparation.
- Maintained patient logs and quarterly reporting on diagnostic studies, treatment progression, and PAP use; participated in operational review meetings.
- Mentored new technologists, oversaw local supply inventories, and supported quality consistency and technologist competency.
- Conducted Inspire-related titration work following training in device programming and titration procedures.

Polysomnography Technologist — Sep 2016–Oct 2017

Sanford Medical Center | Sioux Falls, SD

- Conducted PSGs, routine and sleep-deprived EEG recordings, and long-term EEG electrode application and recording review; documented care in Epic.

Polysomnographic Technologist — Aug 2012–Sep 2016

Sanford Medical Center | Bismarck, ND

- Performed and scored polysomnography and routine/sleep-deprived EEG studies; supported long-term EEG monitoring and next-day study quality review.

TECHNICAL PLATFORMS

Diagnostic & AI: EnsoData, Philips Alice 5/6, Sleepware G3, Alice NightOne, WatchPAT, Natus, Grass, Sandman, ResMed ApneaLink
EHR, PAP & Patient Systems: Epic, MEDITECH, Athena, Centricity, ResMed AirView, Care Orchestrator
Productivity & Training: Microsoft Excel, Word, PowerPoint, Teams, Outlook shared calendars, Microsoft Lists; AI-assisted educational drafting

EDUCATION, CREDENTIALS & PROFESSIONAL PRESENTATION

Associate of Applied Science, Electroneurodiagnostic Technology | Southeast Technical Institute, 2012
Registered Polysomnographic Technologist (RPSGT) | BRPT #18695 | Credentialed since 2012
Basic Life Support (BLS) | Valid through April 2027
Inspire therapy titration training
Montana Sleep Society Seminar, September 2026 | "Building an Accredited Sleep Technology Education Program: Lessons Learned from Creating an A-STEP Program from the Ground Up"