



# DIVISION SCOPE OF SERVICE

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| <b>Division: NORTH TEXAS</b>   |
| <b>Classification: CERTIFIED POLYSOMNOGRAPHIC (PSG) TECHNOLOGIST</b> |
| <b>Applicant Name:</b>   |

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| <p><b>Polysomnographic (PSG) Technologist:</b><br/>The Certified Polysomnographic Technologist must have equivalent qualifications and competence as employed individuals performing the same or similar services at the facility</p>  |
| <p><b>Definition of Care or Service:</b><br/>The Certified Polysomnographic Technologist are Sleep Technologists who work as part of a team under the general supervision of a licensed physician to assist in the education, evaluation, treatment and follow-up of sleep disorders in patients of all ages. Scope of Service may include:</p> <ul style="list-style-type: none"> <li>• Use of specialized instruments to record various parameters during sleep and wakefulness, such as EEG, EOG, EMG, ECG, End Tidal CO2 monitoring, nasal/oral airflow, esophageal pressure and pH, respiratory effort (inductance plethysmography, piezo-electric belts, strain gauges, and electrical potentials from diaphragm and accessory respiratory muscles), pulse oximetry, and wrist actigraphy.</li> <li>• Audiovisual monitoring of wake and sleep movements, vocalizations, respiratory sounds and body positions.</li> <li>• Recognizing and responding to critical events occurring during polysomnographic monitoring of cardiac arrhythmias, oxygen desaturation, chest pain, breathing distress, seizures or other abnormal EEG activity with or without significant motor activity, potentially violent and injurious behaviors such as sleepwalking and REM sleep behavior disorder and other potential medical emergencies.</li> <li>• Application and titration of non-invasive, bi-level or continuous positive airway pressure devices and/or supplemental low flow oxygen in spontaneously breathing patients during sleep studies.</li> <li>• Communicates findings to physician and provides appropriate education to patient</li> <li>• Provides appropriate documentation of study and findings in the medical record; includes pre- and post-patient sleep questionnaires, event logs.</li> <li>• Maintains confidentiality and privacy in accordance with HIPAA regulations</li> <li>• Demonstrates Clinical and Service excellence behaviors to include HCA Healthcare code of conduct core fundamentals in daily interactions with patients, families, co-workers and physicians</li> </ul> |
| <p><b>Setting(s):</b></p> <ul style="list-style-type: none"> <li>• Healthcare facilities including but not limited to hospitals, outpatient treatment facilities, clinics and physician practices</li> </ul>   |
| <p><b>Supervision:</b></p> <ul style="list-style-type: none"> <li>• Indirect supervision by the department director, supervisor or designee</li> </ul> <p><b>Evaluators:</b> Department director, designee, manager in conjunction with supervising physician</p> <p><b>Tier Level:</b> 2</p> <p><b>eSAF Access Required:</b> YES</p>  |



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## **Qualifications:**

- High School diploma / GED or higher
- Must be Registered or Certified as one of the below:
  - Registered as a Polysomnographic Technologist (RPSGT)
  - Certified as a Polysomnographic Technician (CPSGT)
  - Certified Respiratory Therapist with Sleep Disorders Specialty (CRT-SDS)
  - Registered Respiratory Therapist with Sleep Disorders Specialty (RRT-SDS)
  - Registered Sleep Technologist (RST).
- American Heart Association health care provider BLS Certification

**NOTE: Where education may not be defined in qualifications area of the Scope, HCA Healthcare requires the highest level of education completed (not training or courses) confirmed on your background check.**

## **Experience:**

Current or previous experience in a sleep lab

## **Competencies:**

The Polysomnographic Technologist will demonstrate:

- Safe and effective operation of Polysomnographic equipment
  - Obtains quality diagnostic outputs consistently
  - Performs equipment care and maintenance
  - Demonstrates effective infection control practices related to equipment operation
- Accurate patient information review and evaluation
  - Uses at least two ways to identify patients before treating or performing a procedure
  - Verifies that the requested procedure correlates with the patient's clinical history, presentation and physician order
  - Participates in the pre-procedure (Universal protocol) process to verify the correct procedure, for the correct patient, at the correct site and involves the patient in the verification process when possible
  - Accesses the patient medical record appropriately
  - Documents in the medical record according to the facility standard / policy
- Appropriate Diagnostic Examination Results
  - Performs Polysomnographic (PSG) preparation procedures, including calibrating equipment, applying electrodes and sensors, and fitting positive airway pressure masks
  - Performs Polysomnographic (PSG) procedures, including polysomnography studies for evaluating disordered breathing, multiple sleep latency testing (MSLT) studies, and positive airway titration (PAP) studies
  - Scores PSG tests, which include polysomnography, MSLT and PAP studies
- Implements appropriate therapeutic interventions during examination
  - Implements continuous and bi-level positive airway pressure
  - Administers oxygen
- Infection Prevention
  - Practices consistent hand hygiene
  - Uses personal protective equipment (PPE) when required
  - Required immunizations per Division requirements
  - Complies with Isolation precautions



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- Maintains sterile field

**References:**

Clinical Privilege White Paper, Polysomnographic Technician, Practice Area 192 (2003). Retrieved from <http://www.online-crc.com/content/61382.pdf?CFID=7713366&CFTOKEN=36540916>

Board of Registered Polysomnographic Technology (BRPT) <http://www.brpt.org/>

The National Board for Respiratory Care (NBRC) <https://www.nbrc.org/examinations/sds/>

American Board of Sleep Medicine (ABSM) <http://www.absm.org/>

**Document Control:**

- Previously named Polysomnographic (PSG) Technician-Certified
- Content Updates 9/17/2019

**Your signature confirms you will be able to comply with the Qualifications and Competencies listed within this Scope of Service and that you will confirm education via your background check.**

**Applicant Printed Name:** \_\_\_\_\_

**Signature:** \_\_\_\_\_

**Date:** \_\_\_\_\_