



Zachary Emerson

Respiratory Therapist II

CONTACT INFORMATION



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Twin Falls, ID 12345

EDUCATION

Associate of Science, Respiratory Therapy

Idaho State University, Pocatello, ID
2018 - 2020

KEY SKILLS

- Mechanical ventilator management
- Arterial blood gas analysis
- Pulmonary function testing
- Nebulizer therapy
- BiPAP/CPAP titration
- Epic EMR
- Cerner EMR
- Capnography monitoring
- Bronchopulmonary drainage
- OSHA compliance
- ATS standards

ABOUT ME

Registered Respiratory Therapist with 6 years of experience in mechanical ventilator management, arterial blood gas analysis, and pulmonary function testing across medical-surgical and ICU settings. Increased early disease detection rates by 22.1% by incorporating capnography trending and serial ABG analysis into routine assessments, and reduced nebulizer waste costs by \$8,270 per year through auditing single-dose vial usage and training staff on proper circuit priming techniques.

PROFESSIONAL EXPERIENCE

Respiratory Therapist II | 2023 - Present

Silver Creek Pulmonary Center, Twin Falls, ID

- Reduced nebulizer waste costs by \$8,270 per year by auditing single-dose vial usage, switching to unit-dose packaging, and training 11 staff members on proper nebulizer circuit priming techniques.
- Increased early disease detection rates by 22.1% by incorporating capnography trending and serial ABG analysis into routine assessments for patients presenting with unexplained dyspnea.
- Maintained detailed therapy charts for 19 patients per shift, documenting ventilator settings, medication responses, and ABG results in Epic EMR within 35 minutes of each encounter.
- Performed bronchopulmonary drainage and coached patients through pursed-lip and diaphragmatic breathing exercises, tracking technique adherence across 3-day reassessment intervals.

Respiratory Therapist I | 2021 - 2023

Hagerman Valley Regional Hospital, Jerome, ID

- Contributed to a 13.2% reduction in 30-day COPD readmissions by co-developing a discharge education protocol that included inhaler technique verification and a 72-hour follow-up call workflow.
- Reviewed prescriptions, measured arterial blood gases using a bedside ABG analyzer, and assessed patient condition before initiating therapy across a 38-bed medical-surgical floor.
- Identified early indicators of obstructive lung disease in 29 patients over 14 months by flagging abnormal spirometry curves during routine pulmonary function testing.
- Operated mechanical ventilators and BiPAP/CPAP devices for acute and chronic respiratory failure patients, verifying settings against physician orders every 4 hours.

Staff Respiratory Therapist I | 2020 - 2021

Snake River Community Medical Center, Burley, ID

- Cut nebulizer medication waste by \$4,360 annually by tracking unused albuterol and ipratropium vials and adjusting par levels for a 24-bed respiratory care unit.
- Read prescriptions and reviewed patient histories for 16 patients per shift, documenting therapy plans and progress notes in Cerner EMR before end of each shift.

- Assisted with bronchoscopy procedures and airway suctioning for ICU patients, preparing equipment and monitoring pulse oximetry readings throughout each 45-minute session.

CERTIFICATIONS

- Registered Respiratory Therapist, National Board for Respiratory Care | 2022
- Certified Respiratory Therapist, National Board for Respiratory Care | 2020
- Respiratory Therapist License, Idaho, State of Idaho | 2020
- Basic Life Support, American Heart Association | 2026