



EBOO STANDARD OPERATING PROCEDURE

PURPOSE

This SOP outlines the standardized process for administering Extracorporeal Blood Oxygenation and Ozonation (EBOO) therapy to ensure patient safety, efficacy of treatment, and compliance with regulatory standards.

SCOPE

This procedure applies to all healthcare professionals involved in the administration of EBOO therapy.

RESPONSIBILITIES

- **Medical Director:** Oversee the EBOO therapy program, ensure compliance with medical standards, and provide final approval for all protocols.
- **Licensed Healthcare Providers (Doctors, Nurses):** Administer EBOO therapy, monitor patient vitals, and respond to any adverse events.
- **Support Staff:** Prepare treatment rooms, maintain equipment, and assist with patient care as needed.

PROCEDURE

1. Patient Preparation:

- **Patient Evaluation:** Conduct a thorough medical evaluation, including a review of medical history, current medications, and any contraindications to EBOO therapy.
- **Informed Consent:** Provide the patient with detailed information about the EBOO procedure, potential benefits, risks, and obtain written informed consent.

2. Pre-Treatment Protocol:

- **Hydration:** Ensure the patient is adequately hydrated. Recommend drinking water or provide IV fluids if necessary.

- **Baseline Vitals:** Record the patient's baseline vitals, including blood sugar, blood pressure, heart rate, oxygen saturation, and temperature.
- **IV Line Placement:** Insert two intravenous (IV) line for the administration of EBOO therapy.

3. EBOO Therapy Administration:

- **Equipment Setup:** Prepare and calibrate the EBOO machine according to the manufacturer's instructions. Ensure all components are sterile and in working order.
- **Blood Extraction:** Begin the process of extracorporeal blood extraction. Monitor the flow rate and ensure the system is functioning correctly.
- **Oxygenation and Ozonation:** Administer oxygen and ozone to the extracted blood as per protocol.
- **Reinfusion:** Return the treated blood to the patient. Monitor the patient closely for any adverse reactions.

4. During Treatment Monitoring:

- **Continuous Monitoring:** Continuously monitor the patient's vitals and the EBOO machine's performance throughout the procedure.
- **Patient Comfort:** Ensure the patient is comfortable and address any concerns or discomfort immediately.
- **Adverse Reactions:** Be prepared to manage any adverse reactions, such as hypoglycemia, hypotension, Female Adverse Event, allergic reactions, or any other complications.

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5. Post-Treatment Care:

- Post-Treatment Vitals: Record the patient's vitals immediately after the procedure.
- Observation Period: Observe the patient for a minimum of 30 minutes post-treatment to ensure stability.
- Hydration and Nutrition: Encourage the patient to drink water and provide light snacks if needed.

6. Documentation:

- Treatment Record: Document the details of the procedure, including patient vitals, any reactions, and the overall outcome.
- Follow-Up Instructions: Provide the patient with post-treatment care instructions and schedule any necessary follow-up appointments.

7. Maintenance and Quality Control:

- Equipment Maintenance: Perform regular maintenance on the EBOO machine as per the manufacturer's guidelines.

- Sterilization: Ensure all reusable components are properly sterilized before and after each use.
- Quality Assurance: Conduct periodic reviews of the EBOO therapy process to ensure compliance with best practices and regulatory standards.

EMERGENCY PROTOCOL

- Emergency Equipment: Ensure emergency equipment (e.g., defibrillator, oxygen, emergency medications (i.e., IV bags of Lactated ringers, normal saline, D5W) is readily available.
- Emergency Response: In the event of a severe adverse reaction, initiate emergency response protocols and contact emergency medical services if necessary.

REVIEW AND UPDATE

This SOP should be reviewed and updated annually or as needed to reflect changes in best practices, technology, and regulatory requirements.

APPROVAL

Approved by: _____ Date: _____

Title: _____

Note: This is a general guideline. Specific details may need to be tailored to fit the particular protocols and equipment used in your medical office. Always adhere to the latest clinical guidelines and manufacturer instructions.