



Jackson Hole Fire/EMS Operations Manual

Approved by: Will Smith
Will Smith, MD, Medical Director

Approved by: Rusty Palmer
Rusty Palmer, Chief

Approved by: Emergency Services Council
Emergency Services Council

Title: **Medication Protocol:
Oxygen**

Division: 17

Article: 1.29

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OXYGEN (Medication Protocol)

EMT-BASIC PROVIDERS

NO VOICE ORDER REQUIRED

EMT-INTERMEDIATE PROVIDERS

NO VOICE ORDER REQUIRED

PARAMEDIC PROVIDERS

NO VOICE ORDER REQUIRED

CLASS: Gas

**PHARACOLOGY/
ACTIONS:** Helps to oxidize glucose to produce ATP

ONSET/DURATION: Onset: immediate Duration: < 2 mins

**USE IN FIELD/
INDICATIONS:** May be used in any trauma and/or medical patient – specifically hypoxia, ischemic chest pain, dyspnea, CO poisoning, cardiac arrest

CONTRAINDICATIONS: Should never be withheld in any critically ill patient.

SIDE EFFECTS: High-concentration O₂ may cause ↓ level of consciousness and respiratory depression in patients with chronic carbon dioxide retention

DRUG INTERACTIONS: None

HOW SUPPLIED: Compressed gas cylinders of 100% oxygen

ROUTE: Inhaled

DOSAGE:

ADULT

Low	1 – 6 lpm via NC or Blow by
High	10 – 15 lpm via NRB or BVM

PEDIATRIC

Low	1 – 6 lpm via NC or Blow by
High	10 – 15 lpm via NRB or BVM

PREGNANCY SAFETY: NA

COMMENTS: Oxygen vigorously supports combustion

