


# HAPE treatment

- Oxygenation the highest priority
- Descent, minimize exertion
- Mild cases: bed rest and oxygen
- Severe illness: high flow O<sub>2</sub> and descent
- Hyperbaric bag, EPAP, PEEP, pulmonary toilet
- Vasodilators: nifedipine, Viagra?
- Beta-agonists?

A young boy with dark hair is sitting up in a hospital bed. He is wearing a white t-shirt with a black graphic that reads "got oxygen?" in a large, bold, sans-serif font. Below this, in a smaller font, it says "telluride, colorado" on the left and "elev. 8750'" on the right. The boy has a clear nasal cannula in his nostrils. The background is a plain, light-colored wall. To the right, there are some medical wires and a stand.

got oxygen?  
telluride, colorado elev. 8750'

# Death from HAPE: O<sub>2</sub> and descent

N=166

Oxygen	Descent	Cases	Deaths
Yes	yes	39	1 3%
Yes	no	62	3 5%
No	yes	42	5 12%
No	no	23	10 44%

Lobenhoffer, 1982

# Oxygen breathing resolves HAPE over 36 hours

