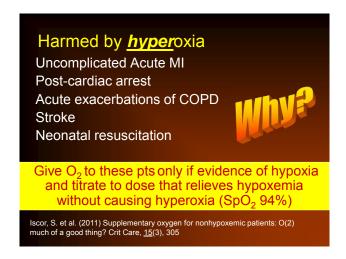


O<sub>2</sub> is a drug and must be given to specific pts based indications/contraindications and in correct doses by an appropriate route being vigilant for adverse reactions

Thich patients can be harmed by hyper oxia and need careful titration of oxygen?





Effect of high flow oxygen on mortality in chronic obstructive pulmonary disease patients in prehospital setting: randomised controlled trial



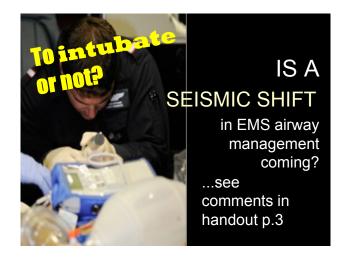
Not titrating O<sub>2</sub> sats in COPD pts to 92% is dangerous

High flow  $O_2$  without regard to  $O_2$  sats should be used in these pts with real caution

Increased mortality, hypercarbia, & respiratory acidosis are not just theoretical with O<sub>2</sub> use in COPD

Corey M. Slovis, Eagles, 2011

BMJ, (2010) 341, c5462





## Rethinking ETI

Posted on 22 February 2012

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The paramedic opens the airway bag and prepares to intubate the patient. An 8.0 mm endotracheal (ET) tube is selected and removed from the packaging, and the cuff is checked and readied. The patient is moved to the floor and mechanical entitlation continued

Finally, when ready, the paramedic positions the patient and inserts the laryngoscope. The patient <u>starts</u> to gag and reaches for the paramedic's hand. The paramedic grabs the ET tube and inserts it into his airway. He then holds the tube in place, inflates the cuff, and the EMTs remove the mask from the BVM and begin ventilating through the ET tube.

Immediately, vomitus fills the tube and begins to leak out. The paramedic quickly deflates the cuff and removes the ET tube. The mask is replaced on the BVM unit, and the patient is ventilated for approximately one minute. Then, the paramedic selects a second ET tube, prepares it and makes a second attempt to intubate the patient. As soon as the tube is placed, EMTs again remove the mask from the BVM and peain ventilating the patient through the ET tube.

An EMT listens over the chest and abdomen with a stethoscope. He says he hears breath sounds over the chest but doesn't say anything about the presence or absence of breath sounds over the abdomen. An ECG montror with capnography is attached to the patient. The EMT operating the monitor is unsure



