Highlights

High flow nasal oxygen during sedation for cardiac implantable electronic device procedures: A randomized controlled trial

* High flow nasal oxygen at 50L/min for patients undergoing elective CIED procedures with sedation is highly unlikely to *decrease* or *increase* peak TcCO2 concentration by a clinically important amount.
* There was no discernable trend observed in how the difference in peak TcCO2 varied with procedure time.
* Satisfaction with sedation is very likely to be similar between high flow nasal oxygen and facemask oxygen.
* The high flow nasal oxygen device was rated as more difficult for Anesthesia Assistants to use, although none rated the HFNO device as *difficult*.