iNO Treated Group; n = 26 +5h +7<u>,</u>h +8h +10h +13h +15h +16h Time After Starting PRBC: -1h +3h 60.00 NIRS % Saturation 50.00 40.00 30.00 **NPO** 20.00 PRBC 3 hr 10.00 iNO Gas 20 ppm 0.00 Baseline 1hr pre End of tx 1hr post iNO d/c 2h post 3h post 5h post 8h post 1 hr pre PRBC iNO iNO iNO Placebo Treated Group; n = 24 +7h +8h +10h +13h +15h +16h Time After Starting PRBC: -1h 70.00 60.00 NIRS % Saturation 50.00 **Baseline** 40.00 **Gut NIRS** 30.00 **NPO** 20.00 **PRBC** 3 hr 10.00 iN₂ Placebo 20 ppm 0.00 Baseline 1hr pre End of tx 1hr post iNO d/c 2h post 3h post 5h post **PRBC** resumed feeds Cerebral Splanchnic Flank

Time after d/c iNO:

NIRS Stayed Elevated Twice as Long w/ iNO

* GI Fell significantly <u>10h after Tx</u> ended

**GI Fell to baseline 12h after Tx ended

Baseline Gut NIRS

> **Hct Pre-TX** Hct Post-Tx

iNO 25 <u>+</u> 2 34 <u>+</u> 2

35 + 2 iN_2 25 + 2

CNS & Renal NIRs remained elevated throughout the 19h observation

Time after d/c iN₂: NIRS Stayed Elevated 1/2 as Long w/o iNO

- * GI Fell significantly 5h after Tx ended
- **GI Fell to baseline 7h after Tx ended