17β-Estradiol preserves microcirculatory perfusion in small bowel donors

Intestine graft viability compromises harvesting in brain-dead donors. Is intestinal tissue affected by 17β-Estradiol infusion in a brain death model in rats?

**Methods**
Male Wister rats (30)

**Results**

17β-Estradiol infusion improves mesenteric perfusion and eNOS expression

![Graph showing perfusion and eNOS expression](image)

**Conclusions**

↓ Intestinal edema and hemorrhage

mitigating the deleterious effects of brain death in small bowel donors.

Vieira, RF et al., *Transplantation*, September 2020