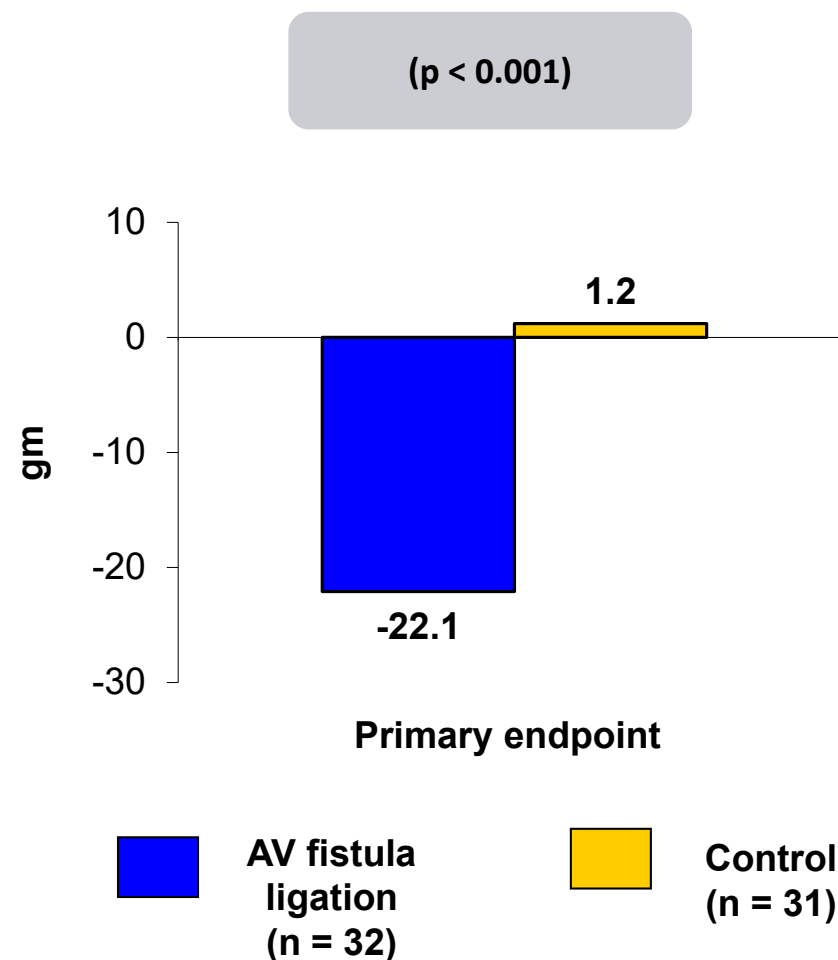


# AV Fistula Ligation

## #AHA18



**Trial description:** Patients with stable renal function post-kidney transplant were randomized to either arteriovenous (AV) fistula ligation or no ligation (controls). Patients were followed for 6 months.



### RESULTS

- Primary endpoint, LV mass reduction at 6 months, AV fistula ligation vs. control: -22.1 g vs. 1.2 g,  $p < 0.001$
- Cardiac output at 6 months: 6.8 vs. 4.8 L/min,  $p < 0.05$

### CONCLUSIONS

- Ligation of the hemodialysis AV fistula in stable post-renal transplant patients improves LV remodeling and also reduces NT-proBNP at 6 months
- These are very interesting findings given the large burden of CV mortality and morbidity in this patient population

Presented by Dr. Michael B. Stokes at AHA 2018