

# Hemodynamic Mechanisms of Abdominal Compression in the Treatment of Orthostatic Hypotension in Autonomic Failure

NCT02429557

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Status	RECRUITING
Phase	Phase 1
Sponsor	Vanderbilt University Medical Center
Enrollment	29 participants

## Key Eligibility Criteria

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### Inclusion (4)

- Male and female patients,
- between 18-80 yrs.,
- with neurogenic orthostatic hypotension associated with primary autonomic failure (Parkinson Disease, Multiple System Atrophy and Pure Autonomic Failure). Orthostatic hypotension will be defined as  $\geq 20$  mmHg decrease in systolic BP or  $\geq 10$  mmHg of diastolic BP within 3 minutes on standing associated with impaired autonomic reflexes determined by autonomic testing in the absence of other identifiable causes (Freeman et al., 2011).
- Patients able and willing to provide informed consent.

### Exclusion (3)

- Pregnancy.
- Significant cardiac, renal or hepatic illness, or with contraindications to administration of pressor agents or external abdominal compression will be excluded.
- Clinically unstable coronary artery disease, or major cardiovascular or neurological event in the past 6 months, and; other factors which in the investigator's opinion would prevent the subject from completing the protocol including clinically significant abnormalities in clinical, mental or laboratory testing

## Locations (1 total)

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Vanderbilt University, Nashville, Tennessee, United States