

# Targeting Neurovascular Coupling in Cognitive Decline Via Nitrate-Based Supplementation

NCT07329647

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Status	RECRUITING
Phase	Not Applicable
Sponsor	University of Coimbra
Enrollment	25 participants

## Key Eligibility Criteria

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### Inclusion (3)

- Formal diagnosis of cerebral small vessel disease (grades 1 to 3 in the Age-Related White Matter Changes Scale as assessed by Computerized Tomography or Magnetic Resonance Imaging - MRI) and patients at high risk for cerebral small vessel disease with diabetes mellitus;
- Subject has capacity and is capable of giving written informed consent;
- Subject is able to read, comprehend and record information written in Portuguese.

### Exclusion (14)

- Vascular diseases other than cerebral Small Vessel Disease (cSVD);
- Stroke event less than 6 months ago;
- Unsuitable for MRI scanning because of presence of any standard MRI contraindication (e.g presence of a cardiac pacemaker, other medical implants or devices, or the presence of ferromagnetic metal foreign bodies);
- Needle phobia;
- Inability or intolerance to dietary polyphenol adjustment;
- ... and 9 more (see full listing online)

## Locations (2 total)

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Institute for Nuclear Sciences Applied to Health (ICNAS), University of Coimbra, Coimbra, Portugal  
Unidade de Saúde Local de Coimbra (ULS Coimbra), Coimbra, Portugal