



## STATINS FOR IMPROVING ORGAN OUTCOME IN TRANSPLANTATION

The SIGNET study (IRAS: 288722) is investigating whether a single dose of **simvastatin** given to DBD organ donors improves the quality of organs in recipients. For more information visit [www.nhsbt.nhs.uk/SIGNET](http://www.nhsbt.nhs.uk/SIGNET)



Specialist Nurses in Organ Donation (SNODs) will talk to the family about the study and receive consent. They will also randomise eligible donors. Donors can take part even if they're on previous statin therapy.



### Inclusion Criteria

- In a recruiting ICU
- Patient confirmed dead by neurological criteria (DBD)
- Consent/authorisation for organ donation in place
- Study-specific consent for SIGNET



### Exclusion Criteria

- Aged less than 18 years
- Planned organ donation after cessation of circulation (DCD)
- Known allergic hypersensitivity to **simvastatin** (NB. true allergy is very rare)

---

## ICU team



You may be asked to:

- Reconfirm eligibility
- Prescribe 80mg **simvastatin** tablet\*
- Administer 80mg **simvastatin** tablet\*
- Document that you've done these on the SIGNET Source Data Form

\*via the NG tube



If the patient is randomised to receive **simvastatin**:

- Crush the tablet(s) and mix with 20ml sterile water
- Follow local policy for administering medication via NG tube
- Flush the NG tube with 10ml sterile water after statin administration



**“Patient randomised to the SIGNET study, Rxxxx”** should be documented in the patient’s medical notes by a member of the ICU team, but do not include the allocation to **simvastatin** or not - this would unblind the retrieval and transplant teams.