

**NATIONAL INSTITUTE FOR HEALTH AND CARE
EXCELLENCE**

Equality impact assessment

**GID-IPG10439 Percutaneous insertion of a
cerebral protection device during TAVI for
preventing stroke**

Scoping

- 1 Have any potential equality issues been identified during the scoping process? If so, what are they?**

Age is a key risk factor for in-hospital stroke after transcatheter aortic valve implantation (TAVI). Women have a higher likelihood of experiencing in-hospital stroke, particularly a disabling stroke, following TAVI compared with men.

People with stroke after TAVI are likely to be covered by the Equality Act 2010 if their condition has had a substantial adverse impact on normal day to day activities for over 12 months or is likely to do so.

Age, disability and sex are protected characteristics under the Equality Act 2010.

- 2 Have any potential health inequality issues been identified during the scoping process? If so, what are they?**

TAVI provision varies across England, resulting in geographical disparities in access. This might indicate similar inequalities in the use of percutaneous insertion of a cerebral protection device during TAVI. However, no national or regional data is available for this procedure.

Women, people from ethnic minority backgrounds and those living in the most deprived communities are less likely to receive aortic valve

intervention following a diagnosis of aortic stenosis. These observed disparities might indicate similar inequalities in access to percutaneous insertion of a cerebral protection device during TAVI, although no data is available for this procedure.

3 What is the preliminary view as to what extent the committee needs to address the potential issues set out in questions 1 and 2?

The committee will consider how the evidence reflects the relevant population with regard to age and sex. The committee will also consider any avoidable, systematic differences in service provision relating to people's gender, ethnic backgrounds, and geographical locations.

The committee will consider if its recommendations could:

- disadvantage a particular group of people
- restrict people's access to the procedure due to their gender, ethnicity and geographical locations.

The committee will also consider whether any adjustments are needed to ensure:

- equality in terms of the relevant protected characteristics
- health equality relating to service provision and accessibility across different groups.

4 Has any change to the draft scope been agreed to highlight the potential issues set out in questions 1 and 2?

The equality and health inequality issues are described in section 7 of the scope. No changes have been made to this section following the scoping consultation.

5 Has the stakeholder list been updated as a result of additional equality or health inequality issues identified during the scoping process?

No additional stakeholders have been identified during the scoping process.

Approved by associate director: Rebecca Albrow

Date: 04/03/2026