NATIONAL INSTITUTE FOR HEALTH AND CARE EXCELLENCE

DIAGNOSTICS ASSESSMENT PROGRAMME

Equality impact assessment – Scoping

Software with artificial intelligence derived algorithms for anlaysing CT brain scans in people with a suspected acute stroke

The impact on equality has been assessed during this assessment according to the principles of the NICE Equality scheme.

1. **Have any potential equality issues been identified during the scoping process (scoping workshop discussion, assessment subgroup discussion), and, if so, what are they?**

   During scoping it was noted that artificial intelligence algorithms for stroke diagnosis may have lower sensitivity people over the age of 80 with small vessel disease and calcification of the cerebrovasculature.

   Another potential equality issue identified was that some people may have limitations in their ability to co-operate with being scanned, but this is likely to impact on both the new technologies and standard care.

2. **What is the preliminary view as to what extent these potential equality issues need addressing by the Committee?**

   If evidence is available, the potential equality issue related to people over the age of 80 with small vessel disease and calcification of the cerbrovasculature will be considered by committee during decision making.

3. **Has any change to the draft scope been agreed to highlight potential equality issues?**

   These potential equality issues have been highlighted in the final scope. The EAG's analysis will include an assessment of evidence on people over the age of 80 with small vessel disease and calcification of the cerebrovasculature if the evidence is available.

4.   **Have any additional stakeholders related to potential equality issues been identified during the scoping process, and, if so, have changes to the stakeholder list been made?**

No additional stakeholders have been identified.

Approved by Associate Director (name): Rebecca Albrow

Date: 18/06/21