







Vascular EDS (COL3A1)





















Conclusions



- Al-based facial recognition offers a promising approach to early HTAD diagnosis
- Non-invasive, cost-effective, rapid
- Useful for non-geneticists and regions with low access to genetic testing
- Limited number of training images needed (13 for vEDS)
- \bullet Excellent accuracy, with an AUC = 0.97 in distinguishing vEDS from general population and hEDS
- · Effectively identifies known vEDS-specific facial features



