

## Supplementary File S2:Search Strategy

Search Date – 12/12/2023

**PubMed** - ("Forensic Sciences"[Mesh] OR Forensic\* OR "Human identification" OR "human verification" ) AND (digital OR 3D OR "Intraoral scanner" OR "Imaging, Three-Dimensional"[Mesh]) AND ("Palate, Hard"[Mesh] OR Palatal\* OR Palate ) AND (Twins[Mesh] OR twins OR sibling\* OR Siblings[Mesh] OR family OR Family[Mesh] OR heredity OR hereditary OR Heredity[Mesh])

**Embase** - ('Forensic Sciences'/exp OR Forensic\* OR 'Human identification' OR 'human verification') AND (digital OR 3D OR 'Intraoral scanner' OR 'Imaging, Three-Dimensional'/exp) AND ('Palate, Hard'/exp OR Palatal\* OR Palate) AND (Twins/exp OR twins OR sibling\* OR Siblings/exp OR family OR Family/exp OR heredity OR hereditary OR Heredity/exp)

**Web of Science** - ("Forensic Sciences" OR Forensic\* OR "Human identification" OR "human verification") AND (digital OR 3D OR "Intraoral scanner" OR "Imaging, Three-Dimensional") AND ("Palate, Hard" OR Palatal\* OR Palate) AND (Twins OR twins OR sibling\* OR Siblings OR family OR Family OR heredity OR hereditary OR Heredity)

**Dentistry and Oral Sciences** - ((MH "Forensic Sciences+") OR Forensic\* OR "Human identification" OR "human verification") AND (digital OR 3D OR "Intraoral scanner" OR (MH "Imaging, Three-Dimensional+")) AND ((MH "Palate, Hard+") OR Palatal\* OR Palate ) AND ((MH Twins+) OR twins OR sibling\* OR (MH Siblings+) OR family OR (MH Family+) OR heredity OR hereditary OR (MH Heredity+))

**Google Scholar** – Intraoral scans of the palate for human identification