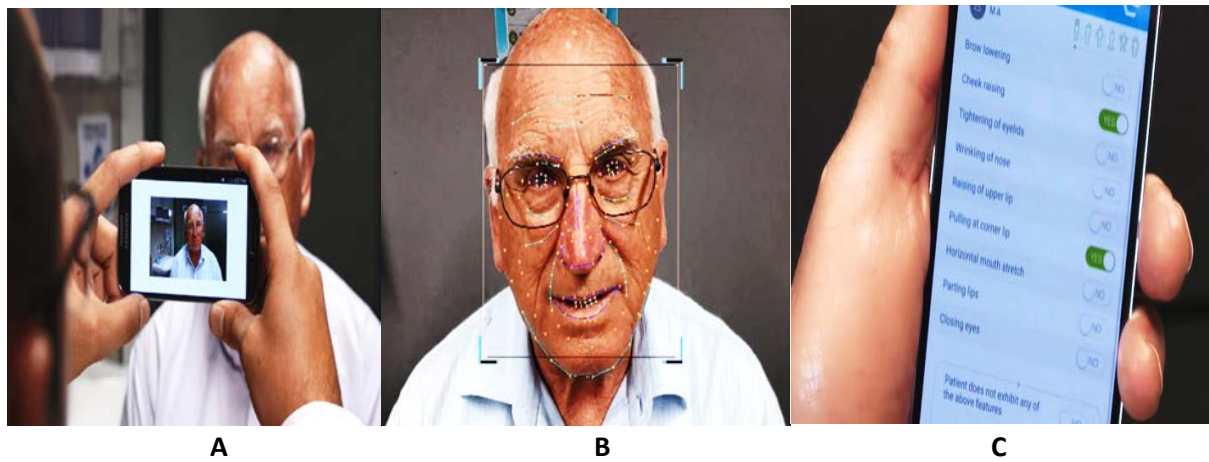


## Supplementary File 1



Steps of automated facial expression analysis

(A: finding the face; B: extraction of facial features; C: AU detection)