

ParkD

Detecting Parkinson's Disease using vocal measurement and spiral hand drawing

Questionnaire Result

Do you have any slow movement in your limbs, face, walking, or overall body?	yes
Do you have a tremor, or shaking, in one of your limbs, most commonly your hand or fingers?	no
Do you have muscle stiffness that is both unpleasant and limits your range of motion?	sometimes
Do you find yourself losing your sense of balance?	yes
Have you noticed a lack of automatic movements such as blinking, smiling, or swinging your arms as you walk?	no
Do you have a problem with your sense of smell?	sometimes
Do you have difficulties sleeping and find yourself thrashing around in bed or acting out nightmares while you're deeply asleep?	yes
Have others commented on how soft your voice is or how hoarse you sound?	no
Have you ever been told that you have a serious, depressed, or enraged expression on your face, even when you are not upset?	yes
Do you find yourself feeling dizzy when you get out of a seat?	yes

Findings

110% has been detected from the questionnaire

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Voice Detection Result

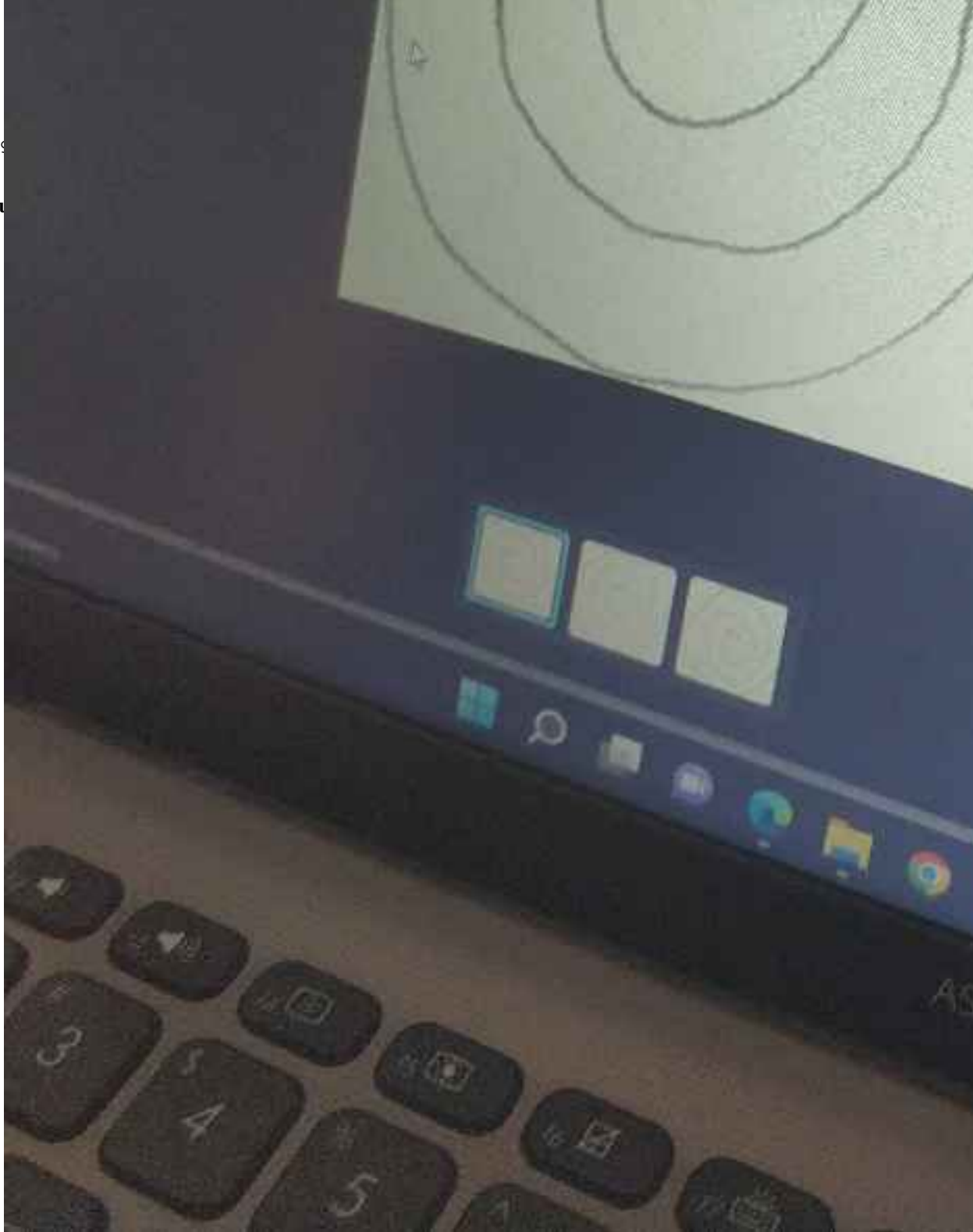
Jitter Local	0.03335730088965496
Jitter (Abs)	0.00019284377185984055
Jitter RAP	0.014879413325047568
Jitter PPQ5	0.019529327309695182
Jitter DDP	0.044638239975142706
Shimmer local	0.14043986996127505
Shimmer local db	1.3038305948037985
Shimmer apq3	0.06766264386637647
Shimmer aqpq5	0.10074196603752614
Shimmer aqpq11	0.14797983681466653
Shimmer DDA	0.2029879315991294
HNR 05	9.792260533784352
HNR 15	8.143073646162458
HNR 25	6.183846787166912

Findings

Disease is Not Detected based on the auditory input.

Detecting

Spiral Detection Resu



Findings

Disease is Detected based on the image input.