

COVID-19

Assurance testing: A pod-based, low-cost, asymptomatic testing strategy

The Memphis  Medical Society

Assurance Testing

Regular, lab-verified, mass testing of asymptomatic and pre-symptomatic people is a way to identify and isolate those who are infected before they know they have it.

This pod-based testing is the latest development in pooled testing. In pooling, lab technicians take samples from five or more people and pool them in a single tube for analysis. Pod testing allows up to 20 swabs to be placed in one tube on site, then taken to the lab. The collection process can be managed without trained medical professionals and does not require personal protective equipment.

Pod testing is drastically less expensive, and can be used to properly screen large groups of asymptomatic people. Labs are creating kits that allow people to self-swab at work or at home. This self-administered nasal swab is only inserted about half an inch inside each nostril.

1

NEGATIVE RESULT

Everyone in the pod is cleared; however, routine pod testing is still done.

2

POSITIVE RESULT

Each person in the pod is individually tested to find the positive case.

3

ROUTINE IS KEY

A daily or weekly rotation of pod testing is needed to stay ahead of an outbreak.



Poplar Healthcare

First in the nation to receive FDA's authorization for pod testing.



American Esoteric Laboratories (AEL)

Also approved to distribute and analyze pod tests

Organizations interested in assurance/pod testing can contact either of these labs.

Poplar Health:
901-473-0684

AEL: 901-405-8200,
then select 7