

SUMMARY

COVID-19 TESTING IN NURSING HOMES

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BinaxNOW (Abbott) Rapid Antigen Test

Basement effect

Requires > 40K viral particles per swab

Caveat

Test does not determine “infectiousness”



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Bianax Ag test versus rtPCR symptomatic people

- 16 false negative out of 100 truly infected people (84% sensitive)
- 1 false positive out of 100 non – infected people (99% specificity)

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Guidance for using the BinaxNOW™ test

- Facilities may use the BinaxNow™ test on people who exhibit symptoms suggestive of COVID-19 infection within seven days of onset of symptoms.
- Results evaluation:
 - People who test positive should isolate at home for 10 days and should inform close contacts of their positive test result.
 - Because of the lower sensitivity of the test, people who are symptomatic and test negative should also continue to isolate at home until symptoms resolve. Another test, by RT-PCR, is recommended for people who live or work in high-risk settings (i.e., health care) or if symptoms continue to get worse.

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Note

Bianax Covid test not correlated with atypical COVID-19 symptoms in older adults

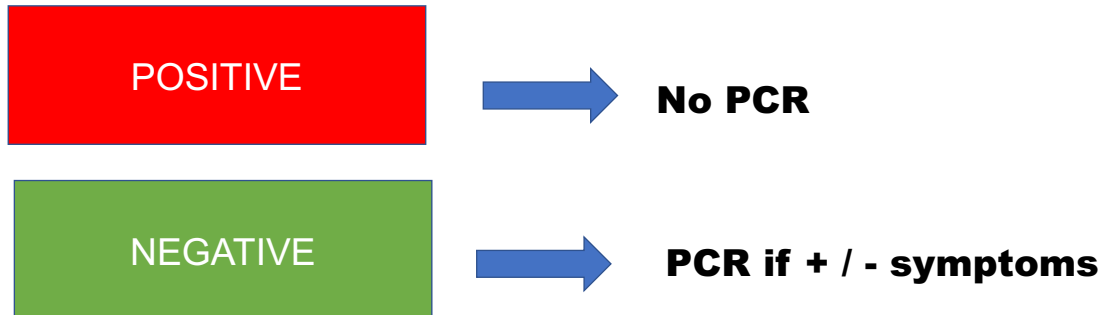
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STRATEGY FOR COVID-19 TESTING

- Screen staff and residents for typical and atypical symptoms
- Temperature monitor
- Antigen test for symptomatic

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BinaxNOW



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Outbreak

- Test all residents and staff
- Repeat testing q3 days x two weeks
- Retest thereafter every week

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If previously COVID19 positive

- Retest if > 3M post infection
- Retest within 3M if unexplained symptoms and manage as re-infection

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Regular screening of asymptomatics

- Test asymptomatic residents who leave facility (rtPCR)

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Continue new admission quarantine even if testing is negative

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Grand Finale

- Frequent testing and vaccinations will not control the infection
- Apply Q/I processes for infection control
- PIP – PIP – PIP !!!

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