

Advantages:

PCR in 90 min.

- ① ↓ TAT
- ② improved → Pt Mx, → engagement b/w Pt & caregiver, Pt morbidity & mortality rates.
- ③ Reduction in administrative work assoc. to test requesting & reporting.
- ④ Reduced risk of workflow associated errors.
- ⑤ Reduction in clinic visits.
- ⑥ Reduction in Hosp. admission.
- ⑦ decreased overall cost of care.

Disadv.

- POCT expensive than cost of Central lab due to disposable reagent.
- difficult documentation of test results, billing.
- maintenance of QC & Q assurance is difficult.
- Pre analytical, analytical, Post analytical issues are not easily recognized if test is performed by untrained staff.
- inter individual variability in report more.
- Managing reagent supply & storage at multiple sites is problematic.
- POCT results are not also comparable due to difference in specimen type, technology & interfering substances.