

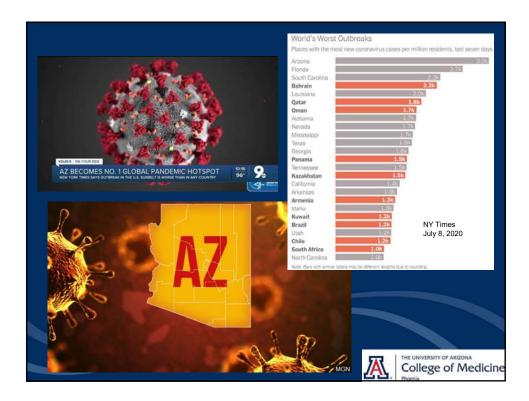
Accreditation Statement

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of The American Academy of Sleep Medicine and The Virginia Academy of Sleep Medicine. The American Academy of Sleep Medicine is accredited by the ACCME to provide continuing medical education for physicians.

Outline

- Overview of the current AASM Mitigation Strategies
- · Overview of COVID-19 testing options and strategies
- Discussion of how to implement mitigation strategies into the real world
- Discussion of future challenges and prospects in the COVID pandemic era





AASM Mitigation Strategies with COVID

- The AASM strongly urges all sleep clinicians to implement the following strategies for the time period recommended for physical distancing by current federal guidance, i.e., until at least April 30, 2020:
- Postpone and reschedule in-lab administration of positive airway pressure (PAP) therapy (i.e., PAP titration studies and split night studies) except in emergencies, in which case, review the potential for aerosolization and ensure technologists use appropriate PPE. Avoid PAP use in the clinic setting due to the risk of aerosolization.
- Postpone and reschedule polysomnogram for children and adults except in emergencies.

https://aasm.org/covid-19-resources/





AASM- Reopening Mitigation (April 27)

- · Beginning May 1, 2020, the AASM advises sleep clinicians to implement the following strategies, depending on the local level of COVID-19 community spread reported by your state department of health and local health department. Sleep clinicians should be prepared to adjust operations as local conditions change, with the expectation that intermittent, shortterm restrictions or closures may be needed in response to sudden increases in local community transmission.
- **COMMUNITY TRANSMISSION**
 - SUBSTANTIAL
 - · Large-scale community transmission, health care staffing significantly impacted, multiple cases within the communal settings
 - MINIMAL TO MODERATE
 - · Multiple cases of COVID-19 in the community
 - NONE OR MINIMAL



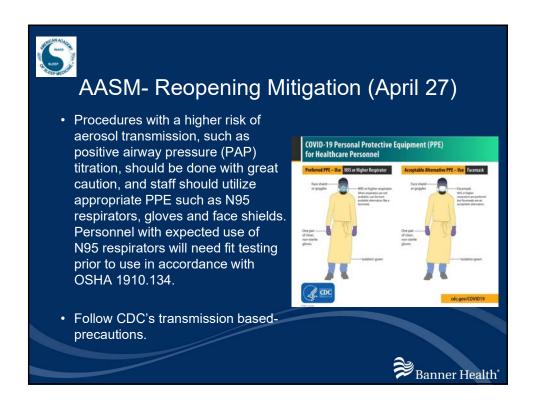
Community Transmission

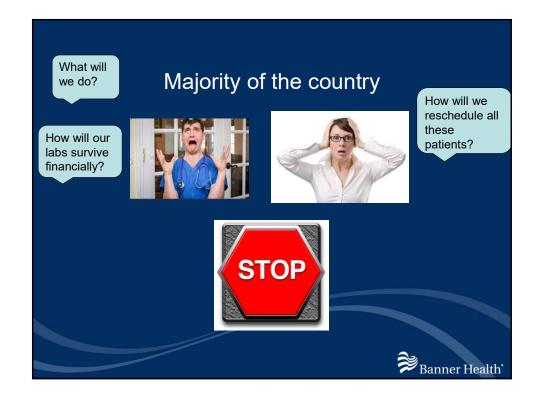
Continuous monitoring of local prevalence, public health recommendations

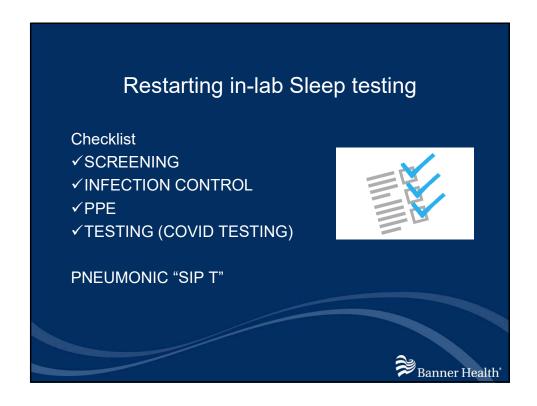
	Substantial Large-scale community transmission, staffing significantly impacted	Minimal to Moderate	None or Minimal
PAP in clinical setting	Avoid		
PAP Tx- PSG	Consider empiric PAP	Emergencies only (PPE, AIIR)	Resume as needed
Dx-PSG	Restrict to emergencies; use PPE, SD	If not high risk for severe COVID illness	
Clinic appts	In-person if urgent - use PPE, SD Use telemedicine	If not high risk for severe COVID If no telemedicine option	
Visitors	Restrict and pre-screen		Usual
HSAT	Use specified parameters		policies

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Infection Control

- Designate staff member to monitor state, local health dept updates (lab manager)
- · Promote physical distancing
 - On-site (waiting rooms; check-in/checkout; spacing chairs; limit pt volumes; limit face-to-face time; instruct in advance)
 - Limit visitors
 - Implement online translation services
- Place signs
 - hand hygiene, respiratory hygiene, cough etiquette
- Ensure available, accessible PPE
- · Review infection control procedures with staff frequently (CDC, manufacturers)

https://aasm.org/covid-19-resources/covid-19-mitigation-strategies-sleep-clinics



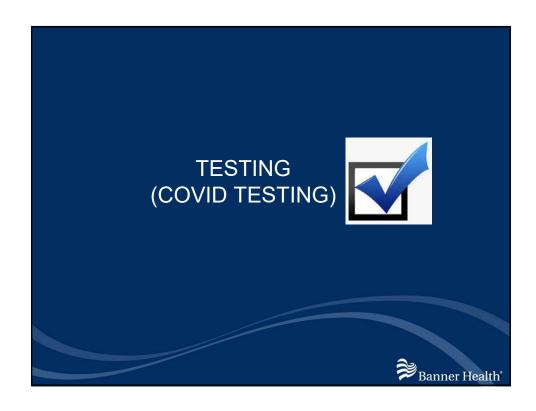


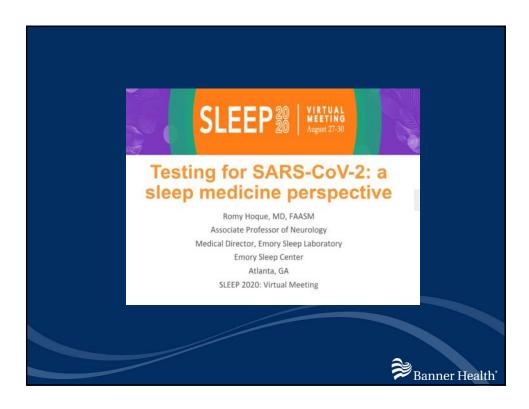
Personal Protective Equipment (PPE)

- · Actively monitor and secure PPE supplies
- At all times:
 - Staff: surgical face masks, N95
 - Patients: cloth covering or own surgical masks
- Follow state and federal guidelines regarding PPE use
- PAP: potential aerosol production
 - N95, gloves, gowns, face shields
 - Fit-test N95 respirators (OSHA 1910 134)

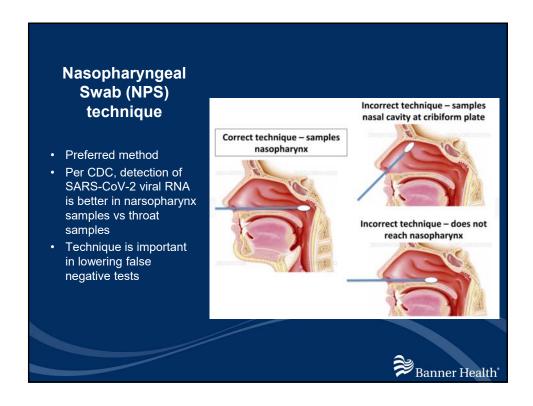
https://aasm.org/covid-19-resources/covid-19-mitigation-strategies-sleep-clinics-labs

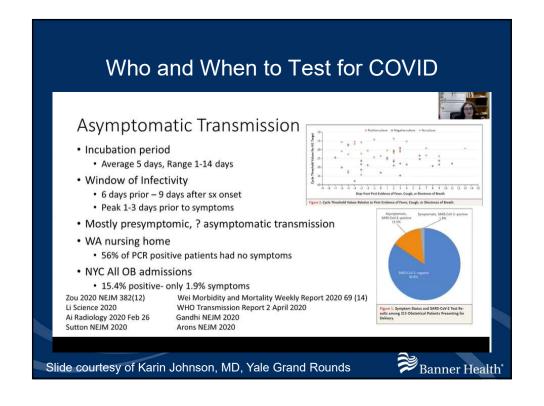


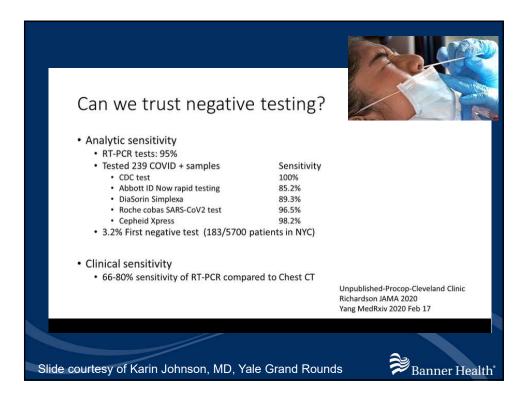




COVID-19 Testing: A Brief Overview Two categories of testing 1) Molecular diagnostic testing: detects amplified viral RNA Nucleic acid amplification testing (NAAT) - Reverse-transcriptase polymerase chain reaction (RT-PCR) » Runtime: 1-3 hours » Results take 1-3 days (longer in some areas) » GOLD STANDARD - Other NAAT testing via Abbot ID now » Runtime: 15 minutes » Sensitivity compared to RT-PCR-50-80% · Antigen testing (rapid diagnostic testing), e.g Sofia SARS Antigen FIA » Runtime: 15 minutes » Detects non-amplified viral surface protein » Immediate results, less sensitive than RT-PCR at low viral load » Sensitivity compared to RT-PCR: 80% 2) Serology testing: aka antibody testing Runtime: 4 hours Banner Health · Does not detect virus, does not determine infectivity







Testing in previously + COVID pts

- What do you do with referrals for an in-lab PSG in those who have tested RT-PCR + for SARs-CoV-2 in the past but are currently asymptomatic?
- Per CDC guidelines, updated 7/7/20
- In persons recovered from COVID infection, a + RT-PCR during the 90 days after illness onset likely represents persistent shedding of the viral RNA rather than re-infection
 - · Repeat testing is not useful
 - Recommendations: wait 10 days after + testing or 20 days after hospital discharge to ensure the pt is outside the infection window

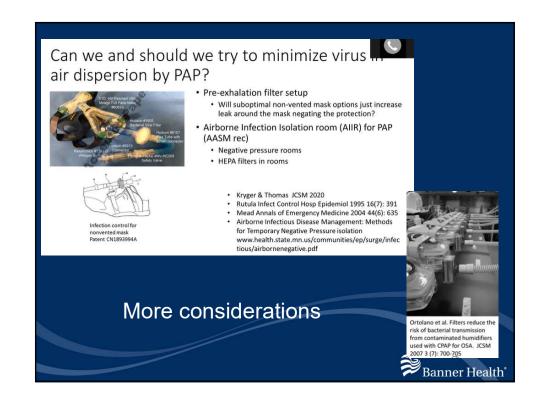


Other Considerations/Strategies

- HST's -- Reusable devices
 - Disinfect based on CDC/manufacturer's instructions
 - Consider removal from service for ≥72 hours
 - Disinfection before next use (use appropriate PPE)
- Consider fully disposable devices or components
- Service model that promotes physical distancing (e.g., mail delivery)
- · Instruction via brochures, video or telemedicine

https://aasm.org/covid-19-resources/covid-19-mitigation-strategies-sleep-class-Banner Health





Ongoing Factors that Determine your Mitigation Strategy

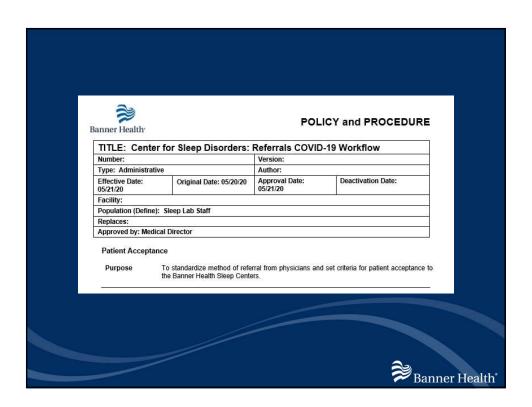
- Following COVID-19 Transmission levels
- COVID-19 viral testing capability
- PPE availability
- · Risk management considerations
- · Hospital Infection control regulations/policies

https://aasm.org/covid-19-resources/covid-19-mitigation-strategies-sleep-clinics-labs



What do we do with the kiddos? Pediatric Sleep Studies Should non-emergent kids get studies? When? Can home studies be used for kids? Down to what age? Is COVID-19 viral testing available and will it be too traumatic? Should parents get tested for COVID-19 virus too? Will kids be scared of techs in full PPE? Banner Health





Policy

- Referrals to the center will be made on a referral form and must be signed by the referring provider. The signed referral must NOT be older than 90 days from the date of signature to the date of study.
- Patients may be directly referred to the sleep facility without the consultation of the Sleep Specialist prior to or within the three months following a sleep study ordered by a referring physician.
- 3. The Sleep Specialist will review all orders to determine if a patient should have a consult with the Sleep Specialist prior to a study. The Sleep Specialist will review all direct referrals to determine if the proposed evaluation conforms to the established AASM Practice Parameters, or if not, whether the evaluation is indicated for other reasons. The physician will complete and sign the chart review form or initial in the lower right corner of the referral that this has been reviewed to evidence compliance. The completed chart review form will be scanned into the medical record for each patient.
- The facility will comply with the AASM "Practice Parameters for Indications for Polysomnography and Related procedures."
- 5. The patient will be tested with the approval of the Sleep Medical Director.
- 6. Indications for referral to Sleep Center:

Daytime sleepiness Obstructive sleep apnea Snoring Narcolepsy with/without cataplexy Witnessed apnea

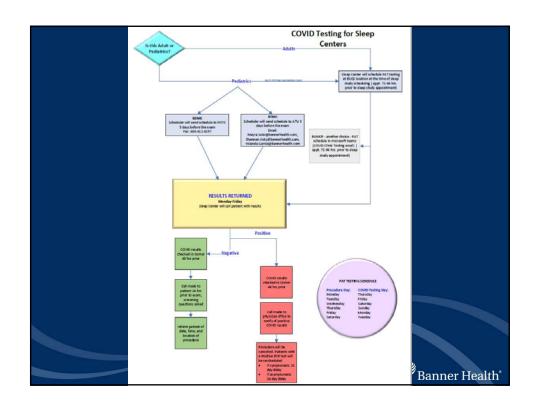
Restless leg syndrome Sleeping/napping during the day Periodic leg movement disorder Falling asleep while driving Hypersomnia unspecified Morbid obesity Sleep related movement disorder unspecified

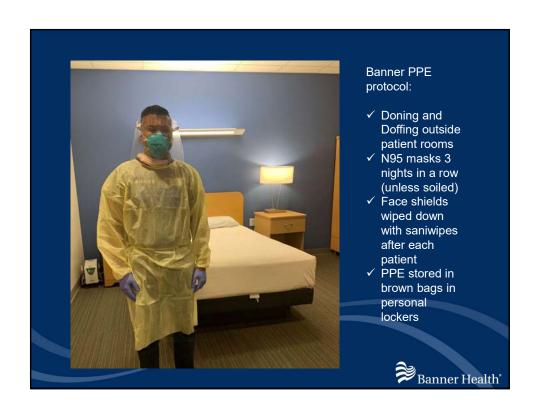


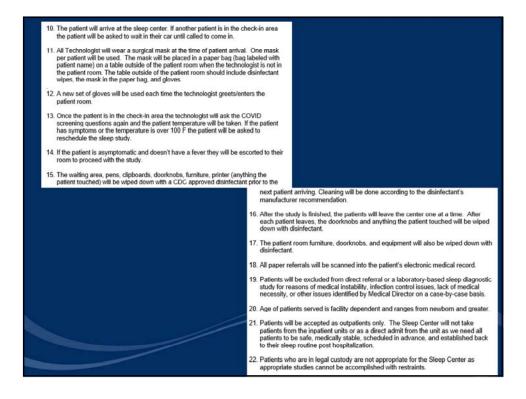
Policy, (continued)

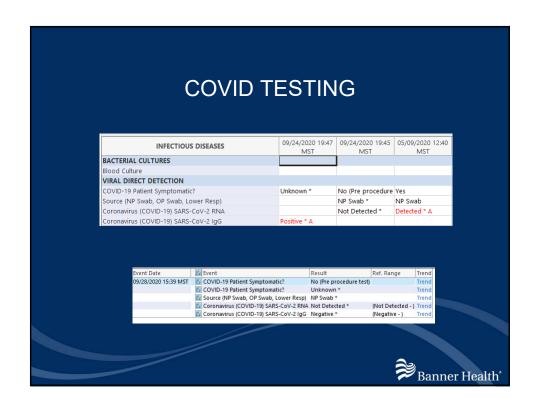
- The sleep center scheduler will call the patient to schedule their sleep study. Appointments will be staggered 10 minutes apart.
- 8. If the patient is referred for an in-lab split or titration study, the patient will also be scheduled for COVID testing. The sleep scheduler will schedule this appointment through Clockwise at a BUC (Banner Urgent Care) 72 hrs. prior to the sleep study appointment. Diagnostic studies with No PAP are not required to do COVID testing. A recommendation will be made to all potential PAP patients to self-isolate 72 hrs. prior to the sleep study after the COVID testing.
- Twenty-four hours prior to the sleep study the scheduler will check Cerner for the COVID PCR results.
 - If the result is negative, the patient will continue with the sleep study.
 - The scheduler will ask the patient the COVID screening questions on the phone at time of confirmation and document them in Cerner.
 - If the result is positive, the sleep study will be cancelled. The referring provider and patient will be notified.
 - If the result is positive the patient can be rescheduled for the sleep study 14 days out if asymptomatic and 28 days out if symptomatic.
 They will be required to go through COVID testing again 72 hrs. prior to the rescheduled study.

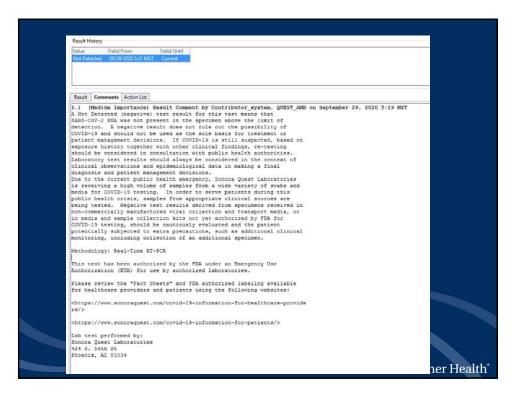


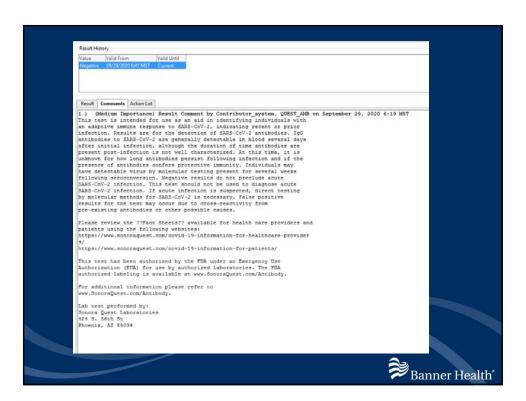












Revised Scheduling protocol

- If the patient is an adult and a Split/HSAT was ordered the scheduler will look for the below diagnoses. If any of these are present, the patient will be rescheduled for an in-lab study in May 2020 or later.
 - O2 dependence
 - Severe comorbid COPD
 - Severe comorbid CHF
 - Neuromuscular disease
 - -BMI 55
 - -Recent seizures
- If the above comorbidities are not present and the patient is a candidate for a HSAT, the
 patient will be offered an HSAT. If the patient prefers an in-lab study they will be rescheduled
 for the in-lab
- If the patient is an adult and an in-lab study was specifically ordered the chart will be reviewed by a medical director to see if the HSAT is an option.
- If patient is deemed an appropriate HSAT candidate, the ordering provider will be notified for a new HSAT order.
- · Patients ordered as a titration study:
- The ordering physician will be contacted to consider cancelling the in-lab titration and starting
 an AutoPap device. If the ordering provider is not comfortable ordering a PAP device a sleep
 medicine consultation should be suggested. If the ordering provider feels the PAP titration is
 still needed, the patient should be rescheduled for a later date.
- · All charts will be reviewed by the medical director prior to the patient coming in for the study







