

Online Appendix

Original survey questions

1. Are you as Neurointerventionalist coming to the hospital every day?
 - Yes, mainly doing neurointerventions
 - Yes, mainly doing my other typical work (admin, diagnostic readings ...)
 - Yes, redeployed to function in another role in the hospital (**free text**)
 - No I am at home, just coming in for emergencies
2. Have you or any of your team contracted COVID-19 in 2020?
 - Yes
 - No
3. Are you able to provide the usual service for emergencies (Stroke, SAH)?
 - Yes, completely
 - Yes, but with limited team / hospital resources
 - No, we are struggling heavily
 - Neurointerventional service is suspended
4. What kind of personal protection do you use for COVID+ or suspected cases?
 - Dedicated cath labs for suspected and or COVID+ cases
 - Powered, air-purifying respirator (PAPR)
 - N95 mask
 - Regular face mask (and face shield)
 - Video consultations in your own hospital
 - Video consultations in other hospitals
5. Have you noticed a reduction in emergency cases?
 - Yes, reduced hemorrhagic cases
 - Yes, reduced ischemic stroke Cases
 - Yes, both reduced hemorrhagic cases and ischemic stroke cases.
 - No, we are maintaining our emergency case load.
 - No, there is an increase in our emergency case load.
6. How do you manage anesthesia in your emergency procedures?
 - Intubate all patients, as per routine
 - Intubate all confirmed COVID+
 - Intubate all suspected and confirmed COVID+
 - No intubation, unless airway compromised
7. How do you deal with non-emergency procedures?
 - Regular schedule with elective cases (e.g. incidental aneurysms)
 - Limited schedule with <50% elective cases (e.g. incidental aneurysms)
 - Urgent, but not emergency cases are done (e.g. symptomatic carotids, <30 days)
 - We stopped non-emergency procedures completely

8. When do you expect to re-commence to full capacity with non-emergency procedures?
 - < 3 months
 - 3 – 6 months
 - >6 months

9. Which methods of remote support would be suitable to you? (tick all that are relevant).
 - Case discussion forum on the ESMINT / SILAN SNIS / SVIN / WFITN website
 - Direct communication to ESMINT / SILAN SNIS / SVIN / WFITN mentors
 - 24/7 access to video streaming from angio for live discussion of procedures with team members quarantined at home, and/or mentors externally
 - Other (please give more details - free text)

10. Is there a COVID-19 learning you wish to share with the ESMINT / SILAN SNIS / SVIN / WFITN community?
 - Free text

11. Please type in the country you work in
 - Free text

12. Would you be willing to be contacted by ESMINT / SILAN SNIS / SVIN / WFITN to share your experiences and gain more information? Please provide your email address here (free text).