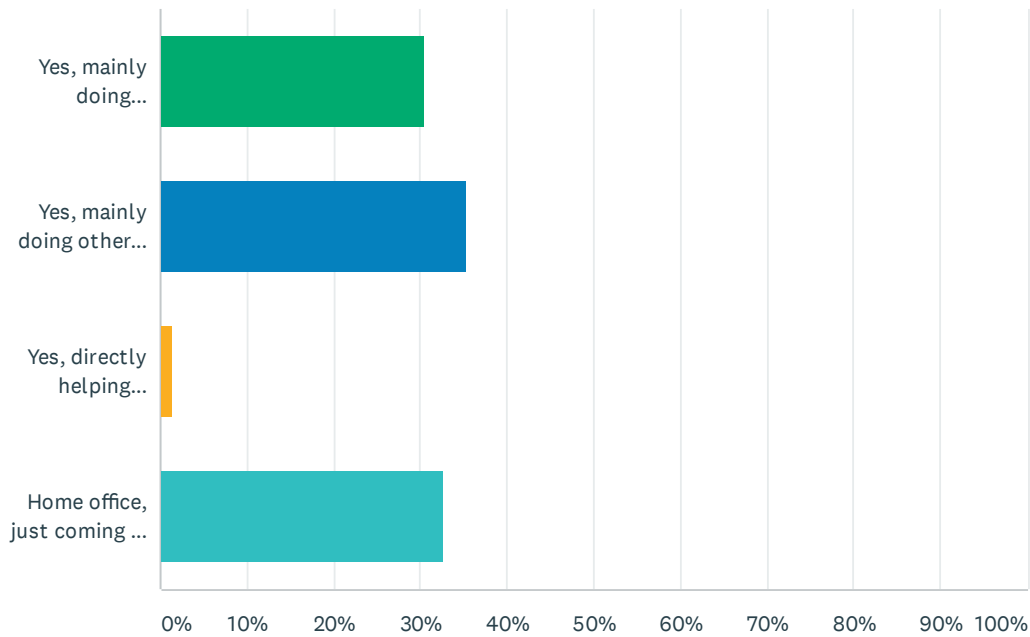


Q1 Are you coming to the hospital every day?

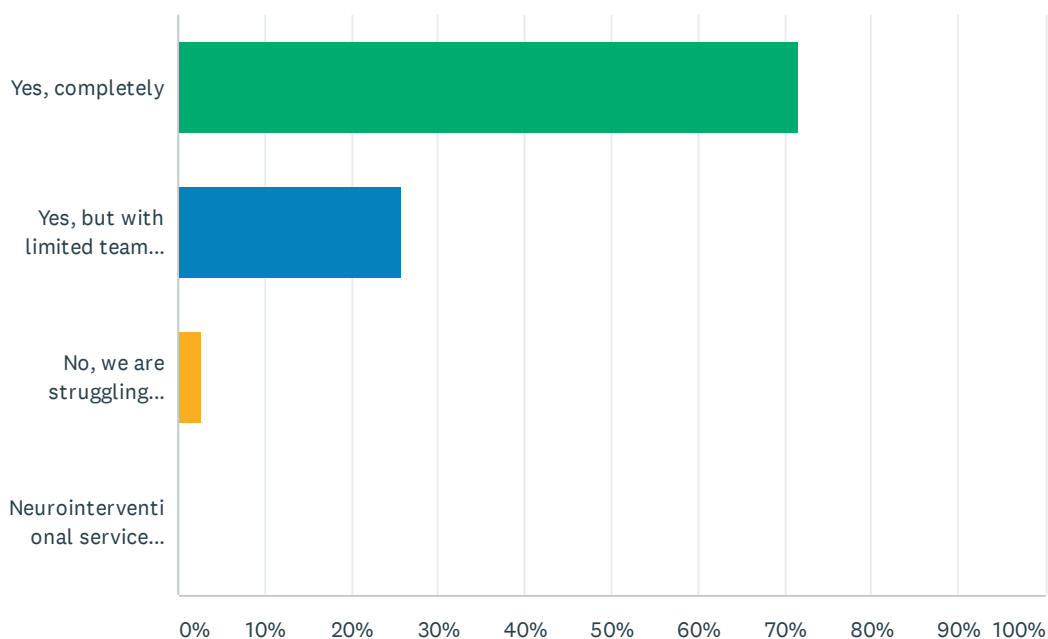
Answered: 144 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes, mainly doing neurointerventions	30.56%	44
Yes, mainly doing other typical work (admin, diagnostic readings, ...)	35.42%	51
Yes, directly helping colleagues who are dealing with corona patients	1.39%	2
Home office, just coming in for emergencies	32.64%	47
TOTAL		144

Q2 Are you able to provide the usual service for emergencies (Stroke, SAH)?

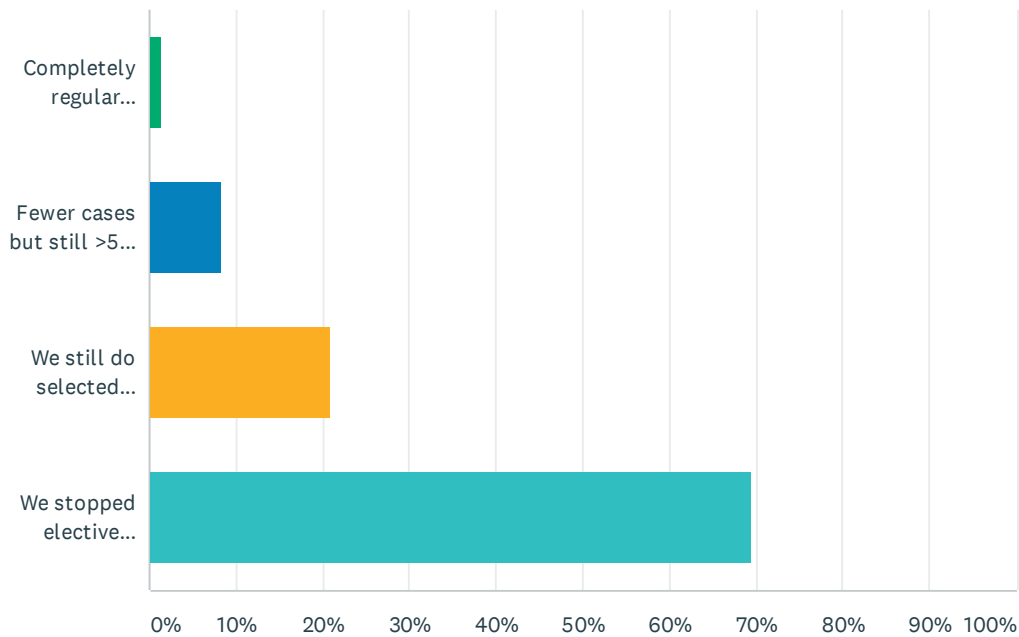
Answered: 144 Skipped: 0



ANSWER CHOICES	RESPONSES	
Yes, completely	71.53%	103
Yes, but with limited team / hospital resources	25.69%	37
No, we are struggling heavily	2.78%	4
Neurointerventional service is suspended	0.00%	0
TOTAL		144

Q3 How do you deal with “elective” routine procedures (e.g. unruptured Aneurysms)?

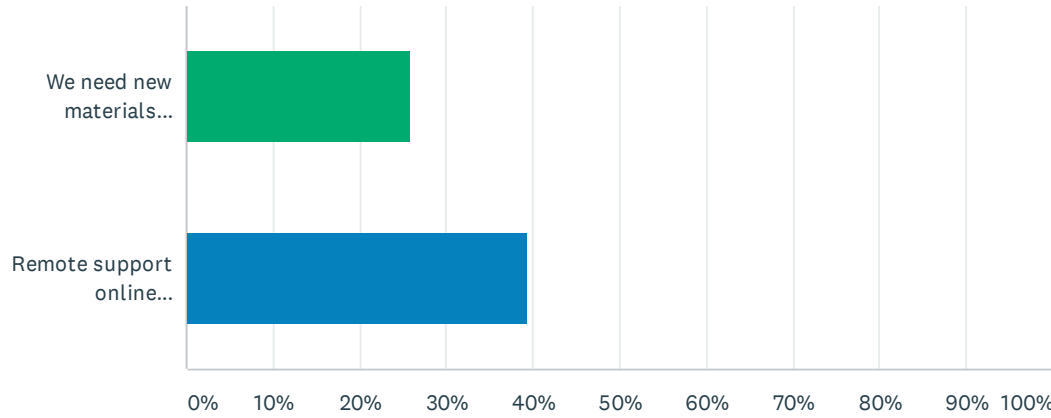
Answered: 144 Skipped: 0



ANSWER CHOICES	RESPONSES	
Completely regular schedule	1.39%	2
Fewer cases but still >50% of the typical caseload	8.33%	12
We still do selected routine procedures	20.83%	30
We stopped elective procedures completely	69.44%	100
TOTAL		144

Q4 Is there a way to support you and your team?

Answered: 89 Skipped: 55



ANSWER CHOICES	RESPONSES	
We need new materials (devices / other materials are running out)	25.84%	23
Remote support online (discussing cases, remote proctoring)	39.33%	35
TOTAL		89

#	OTHER (FREE TEXT)	DATE
1	No, our activity depends on daily availability of Anesthesiologists	3/24/2020 4:27 AM
2	all ok.	3/23/2020 9:06 AM
3	we are low on masks (standard) and protective gear (ffp 3, visor, gowns etc.) even before the has really begun	3/22/2020 10:41 PM
4	Writing protocols on how to deal with Coronavid-19 positive or suspected positive in NRI suit for the neurointerventionalist and the rest of the team (anesthesiologists, technicians and nurses).	3/22/2020 5:05 PM
5	till now material available but don't know how long will last	3/22/2020 4:38 PM
6	No	3/22/2020 8:25 AM
7	Stay at home	3/22/2020 2:37 AM
8	Need N95 Masks, face shields	3/21/2020 11:42 AM
9	At the moment we don't need anything	3/21/2020 8:56 AM
10	Not at this point	3/21/2020 5:00 AM
11	as there are no flights, we are running out of microwires for example	3/21/2020 12:10 AM
12	Sharing of experience of the work organization during epidemy from other countries, updates of such questions (I believe answers are strongly depended from the point of epidemy curve that we are place at)	3/20/2020 7:16 PM
13	disposable surgical masks, FFP2 and FFP3 masks, hand gloves, caps, surgeon apron, shoe covers	3/20/2020 3:51 PM
14	Not yet, thanks	3/20/2020 2:46 PM
15	Nothing at this point	3/20/2020 2:23 PM
16	No	3/20/2020 1:30 PM
17	For the moment, we are able to manage the situation	3/20/2020 11:07 AM
18	No, not yet.	3/20/2020 10:55 AM
19	At the Moment everything is fine with the measures we took, but we are waiting for the "wave" to come in the next few days. For the moment we don't need help - thank you very much. As Neuroradiologist we have basic training in general radiology, we work with the same CT Scanners and x-ray devices and are prepared to help our local colleagues from general radiology also from surrounding hospitals in case they get overwhelmed or run short of personel which might get infected themselves.	3/20/2020 10:37 AM
20	By sharing our concerns, stresses , anxiety It's a time where solidarity is crucial in every regards	3/20/2020 10:13 AM
21	More communication/information before acute treatment (is patient coughing at home, fever, unsafe travel?) is necessary	3/20/2020 10:10 AM
22	Individual protection material is scarce	3/20/2020 9:56 AM
23	not now	3/20/2020 9:56 AM
24	not yet	3/20/2020 9:45 AM
25	At the moment we have enough material, I hope there will not be any problems with supply in comming weeks.	3/20/2020 9:41 AM
26	Heparin and injectable aspirin is running out	3/20/2020 9:24 AM
27	No backorders so far Hope we can help each other locally with missing devices	3/20/2020 9:21 AM
28	We are ok regarding devices (we had to enlarge our stocks). Elective cases are stopped. Even emergency cases have diminished, which is weird.	3/20/2020 9:19 AM
29	N/A	3/20/2020 9:09 AM
30	It is a nightmare. I find myself useless	3/20/2020 9:09 AM
31	We are not running out of any materials. Adequate protection equipment are only for confirmed cases or highly suspected This protection equipment are close to be finished	3/20/2020 8:52 AM

32	stay at home !	3/20/2020 8:48 AM
33	No	3/20/2020 8:38 AM
34	Any measures of disinfection of angio suit after an angiography of a Covid-19 patient	3/20/2020 8:38 AM
35	offer opportunities to write reviews..	3/20/2020 8:37 AM
36	we are ok, thanks	3/20/2020 8:31 AM
37	Validated strategies for infected patients	3/20/2020 8:19 AM
38	cover for those who are self isolating	3/20/2020 8:09 AM
39	No	3/20/2020 7:59 AM

Q5 Is there a learning you wish to share with the ESMINT community?

Answered: 41 Skipped: 103

#	RESPONSES	DATE
1	Because of covid infection we are leaving behind other pathologies and patients	3/24/2020 4:27 AM
2	Our anesthesiologist told us that once a patient is intubated , it is safer for the team in charge . so perhaps it is better if possible to provide thrombectomy under general anesthesia. We also are considering doing systematically a thoracic CT before going to the angio room for a thrombectomy	3/23/2020 3:49 PM
3	good luck to all	3/23/2020 11:24 AM
4	One half of the neurointerventionalist are at home, the other half is working. Rotation every week. No contact to the other team.	3/23/2020 9:06 AM
5	To reduce the NRI activity only to emergencies with the minimal personal necessary and to collaborate with the general radiology department to report chest imaging from home or at the hospital.	3/22/2020 5:05 PM
6	Divide your team as soon as possible	3/22/2020 2:37 AM
7	Shall we adapt the criteria to critical care services situation?: choose safer cases,more conservative technique,try harder awake stroke if possible?	3/21/2020 11:16 PM
8	An European Association that could help financially certified neurointerventional centers in lower-income EU countries would be great.	3/21/2020 2:35 PM
9	In this particularly difficult moment in which people stay at home, we almost don't have emergency or better, very low number of cases, under 50% (ischemic or hemorrhagic). Why? Probably the sedentary life affects the number of urgent cases.	3/21/2020 8:56 AM
10	Covid with AIS could be challenging	3/21/2020 5:00 AM
11	We are at the beginning of epidemy, still working but fewer number of scheduled cases due to patients fear of getting virus in the hospital	3/20/2020 7:16 PM
12	They only way to fight coronavirus is to make people and politicians understand to make everyone stay home is the only way to win this war	3/20/2020 3:51 PM
13	How to dress professionals and how to clean AG after patient with coronavirus. Different recommendations are available, probably specific to situation in each country.	3/20/2020 2:46 PM
14	Not at this point	3/20/2020 2:23 PM
15	No	3/20/2020 1:30 PM
16	Try to avoid contact between INRs, in order to minimize possibility of multiple infections among the team. Organize shifts with same team members if possible, avoid contacts between members from different teams.	3/20/2020 1:09 PM
17	We work in teams, 'one week on - one week off' in order to avoid simultaneous contamination of the team. This is not only the doctor but also the techs, nurses etc..	3/20/2020 11:17 AM
18	Not really	3/20/2020 11:07 AM
19	No	3/20/2020 10:55 AM
20	most interesting would be to learn from colleagues who got struck before us (especially italian colleagues) what are effective ways and which mistakes should be avoided	3/20/2020 10:37 AM
21	Any learning about interventional neuroradiological procedures.	3/20/2020 10:25 AM
22	We should think about the after Covid period What will have to change in our way of living, practicing, travelling,...	3/20/2020 10:13 AM
23	Managing neurointervention patients with covid 19	3/20/2020 10:13 AM
24	Keep calm and focused to the problems	3/20/2020 10:12 AM
25	Reduce social contact, keep doing your emergency program, other regular Business on hold. May God protect us all	3/20/2020 9:59 AM
26	not now	3/20/2020 9:56 AM
27	We are 6 interventionists, now working in 3 teams of 2 each. 1 week 24/7 by one team, then 2 weeks at home. If no symptoms after 2 weeks again 1 week. Lab technicians have 4 teams: 5 days per team, then 15 days at home.as long as we can afford this 'luxury' schedule...	3/20/2020 9:46 AM

28	Local coordination between INR centers can improve acute stroke management	3/20/2020 9:41 AM
29	Fewer patients are accessing the hospital even for vascular emergency such as acute stroke in these "Corona days"	3/20/2020 9:31 AM
30	A pandemic disease involves all the level of social and economical status. Information and media can do the difference in creating consciousness of the disease and responsible behaviour. Orchestrating the emergency is crucial in order not to focus only in one field (procedure, transportation and delivery of devices, available devices ecc). As we already know, multidisciplinary guidelines are mandatory in emergency status.	3/20/2020 9:24 AM
31	Stick to your daily routines	3/20/2020 9:21 AM
32	should be interesting to share how the single territorial networks have been modified because of the epidemic	3/20/2020 9:19 AM
33	maybe it is a bit early to define a link between covid19 and stroke...collect cases and at the end will find if there is a link.	3/20/2020 9:19 AM
34	We have all studied medicine, we later became interventionalists, but after all we are still physicians. Please help our colleagues in the frontline. They will need us.	3/20/2020 9:12 AM
35	Complete isolation is the key (even among colleagues, friends and families)	3/20/2020 9:09 AM
36	How has this been possible? Why so many agencies have failed? International, European, National	3/20/2020 9:09 AM
37	we stopped doing elective cases at the beginning that was a great decision, because epidemic has been so fast, that at least we haven't used icu or postanesthetic beds. these beds have high demand now for Covid patients and emergency's	3/20/2020 8:52 AM
38	No	3/20/2020 8:38 AM
39	stay at home	3/20/2020 8:31 AM
40	Make "clean team" so that whatever is going to come- we have a back-up team (as is suggested on several platforms for all medical professions). Teams not seeing/meeting each other.	3/20/2020 8:17 AM
41	No	3/20/2020 7:59 AM

Q6 Please type in the country you work in

Answered: 122 Skipped: 22

#	RESPONSES	DATE
1	Serbia	3/24/2020 11:56 AM
2	SPAIN	3/24/2020 11:12 AM
3	France	3/24/2020 10:51 AM
4	Italy	3/24/2020 4:27 AM
5	france	3/23/2020 3:49 PM
6	ITALY	3/23/2020 11:47 AM
7	FRANCE	3/23/2020 11:24 AM
8	AUSTRIA	3/23/2020 9:06 AM
9	PANAMA	3/23/2020 4:21 AM
10	UK	3/23/2020 12:33 AM
11	germany	3/22/2020 10:41 PM
12	Spain	3/22/2020 5:05 PM
13	India	3/22/2020 4:38 PM
14	Switzerland	3/22/2020 2:16 PM
15	Spain	3/22/2020 12:19 PM
16	Switzerland	3/22/2020 9:27 AM
17	The Czech Republic	3/22/2020 9:03 AM
18	Germany	3/22/2020 8:25 AM
19	Spain	3/22/2020 2:37 AM
20	Italy	3/22/2020 1:53 AM
21	Spain	3/21/2020 11:16 PM
22	Germany	3/21/2020 11:06 PM
23	UK	3/21/2020 6:52 PM
24	Italy	3/21/2020 6:30 PM
25	Romania	3/21/2020 2:35 PM
26	USA	3/21/2020 11:42 AM
27	Netherlands	3/21/2020 11:13 AM
28	USA	3/21/2020 11:03 AM
29	Spain	3/21/2020 9:45 AM
30	Croatia	3/21/2020 9:08 AM
31	Italy	3/21/2020 8:56 AM
32	Spain	3/21/2020 8:30 AM
33	Finland	3/21/2020 6:57 AM
34	India	3/21/2020 5:00 AM
35	Argentina	3/21/2020 4:40 AM
36	Hong Kong	3/21/2020 3:28 AM
37	Austria	3/21/2020 1:17 AM
38	ARGENTINA	3/21/2020 12:10 AM
39	germany	3/20/2020 7:40 PM
40	Poland	3/20/2020 7:16 PM

Current status of neurointerventionists in Europe



41	USA	3/20/2020 6:44 PM
42	Ireland	3/20/2020 4:01 PM
43	Sicily - Italy	3/20/2020 3:51 PM
44	Italy	3/20/2020 3:24 PM
45	Usa	3/20/2020 3:17 PM
46	Slovakia	3/20/2020 2:46 PM
47	USA	3/20/2020 2:23 PM
48	Romania	3/20/2020 2:16 PM
49	Denmark	3/20/2020 2:09 PM
50	Germany	3/20/2020 1:50 PM
51	USA	3/20/2020 1:30 PM
52	France	3/20/2020 1:17 PM
53	Spain	3/20/2020 1:09 PM
54	Sweden	3/20/2020 12:30 PM
55	Poland	3/20/2020 12:22 PM
56	Greece	3/20/2020 12:19 PM
57	GREECE	3/20/2020 11:50 AM
58	The Netherlands	3/20/2020 11:17 AM
59	Turkey	3/20/2020 11:07 AM
60	Belgium	3/20/2020 11:07 AM
61	Germany	3/20/2020 10:55 AM
62	France	3/20/2020 10:48 AM
63	germany	3/20/2020 10:37 AM
64	Portugal	3/20/2020 10:33 AM
65	SERBIA	3/20/2020 10:25 AM
66	Switzerland	3/20/2020 10:24 AM
67	Portugal	3/20/2020 10:15 AM
68	france By Chris	3/20/2020 10:13 AM
69	Uk	3/20/2020 10:13 AM
70	FRANCE	3/20/2020 10:12 AM
71	Germany	3/20/2020 10:12 AM
72	Germany	3/20/2020 10:10 AM
73	Greece	3/20/2020 10:08 AM
74	Croatia	3/20/2020 9:59 AM
75	Portugal	3/20/2020 9:57 AM
76	Portugal (stroke physician)	3/20/2020 9:56 AM
77	Czech Republic	3/20/2020 9:56 AM
78	Netherlands	3/20/2020 9:46 AM
79	Switzerland	3/20/2020 9:45 AM
80	Italy	3/20/2020 9:44 AM
81	France	3/20/2020 9:41 AM

Current status of neurointerventionists in Europe



82	Slovenia	3/20/2020 9:41 AM
83	Czech Republic	3/20/2020 9:38 AM
84	Iraq	3/20/2020 9:36 AM
85	Spain	3/20/2020 9:32 AM
86	Italy	3/20/2020 9:31 AM
87	France	3/20/2020 9:31 AM
88	Denmark	3/20/2020 9:25 AM
89	Italy	3/20/2020 9:24 AM
90	Denmark	3/20/2020 9:21 AM
91	France	3/20/2020 9:20 AM
92	France	3/20/2020 9:19 AM
93	italy	3/20/2020 9:19 AM
94	Rome - Italy	3/20/2020 9:19 AM
95	Spain	3/20/2020 9:16 AM
96	Egypt	3/20/2020 9:13 AM
97	Luxembourg	3/20/2020 9:13 AM
98	Belgium	3/20/2020 9:12 AM
99	Turkey	3/20/2020 9:11 AM
100	Switzerland	3/20/2020 9:09 AM
101	Spain	3/20/2020 9:09 AM
102	Belgium	3/20/2020 9:01 AM
103	Spain	3/20/2020 8:52 AM
104	France	3/20/2020 8:48 AM
105	Hungary	3/20/2020 8:47 AM
106	Netherlands	3/20/2020 8:46 AM
107	Netherlands	3/20/2020 8:45 AM
108	Italy	3/20/2020 8:43 AM
109	Croatia	3/20/2020 8:42 AM
110	TURKEY	3/20/2020 8:38 AM
111	Turkey	3/20/2020 8:38 AM
112	france	3/20/2020 8:37 AM
113	Italy	3/20/2020 8:33 AM
114	Germany	3/20/2020 8:31 AM
115	italy	3/20/2020 8:31 AM
116	Norway	3/20/2020 8:22 AM
117	Spain	3/20/2020 8:19 AM
118	Currently Sydney Australia, until September 2019 is planned. It will difficult to plan the time and job after that.	3/20/2020 8:17 AM
119	Norway	3/20/2020 8:17 AM
120	Korea	3/20/2020 8:17 AM
121	UK	3/20/2020 8:09 AM
122	Germany	3/20/2020 7:59 AM

