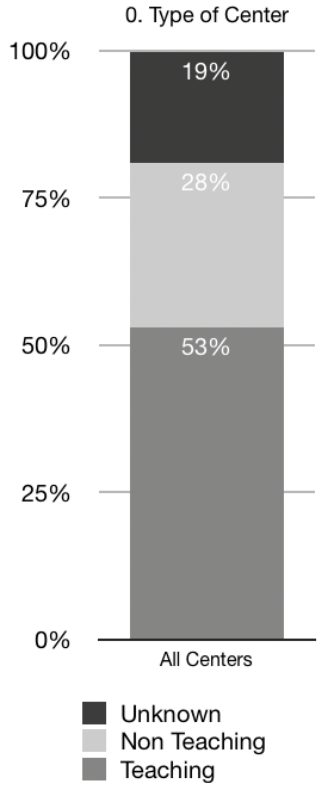
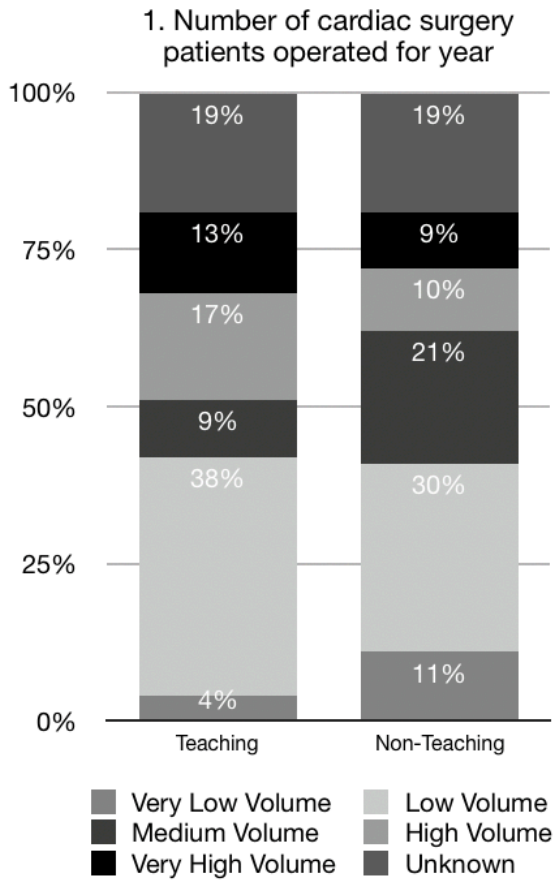
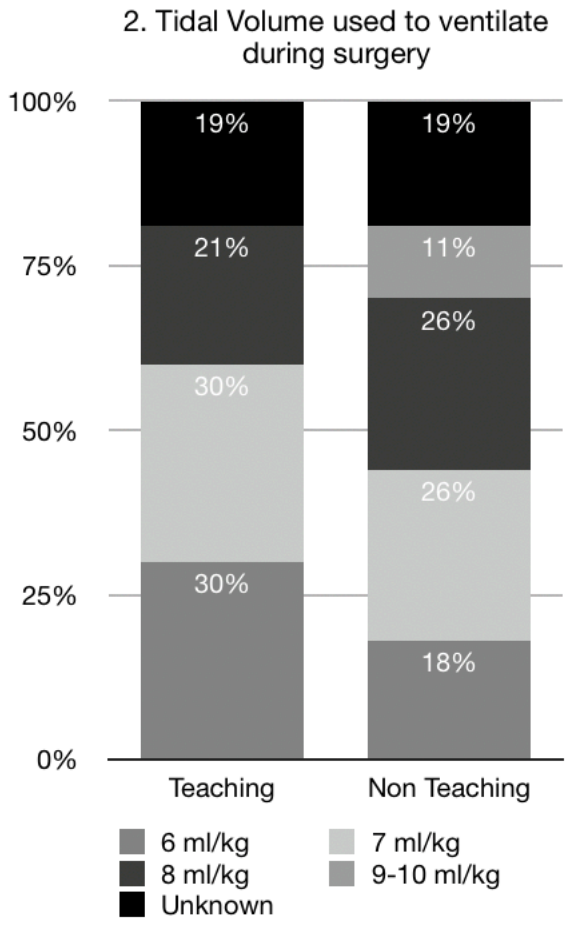
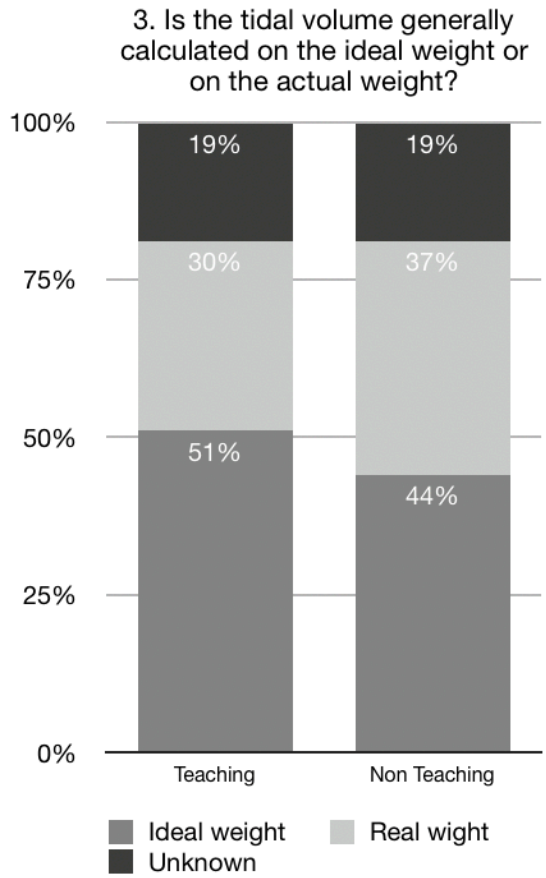
Supplementary file 4. Results stratified by teaching and non-teaching center.

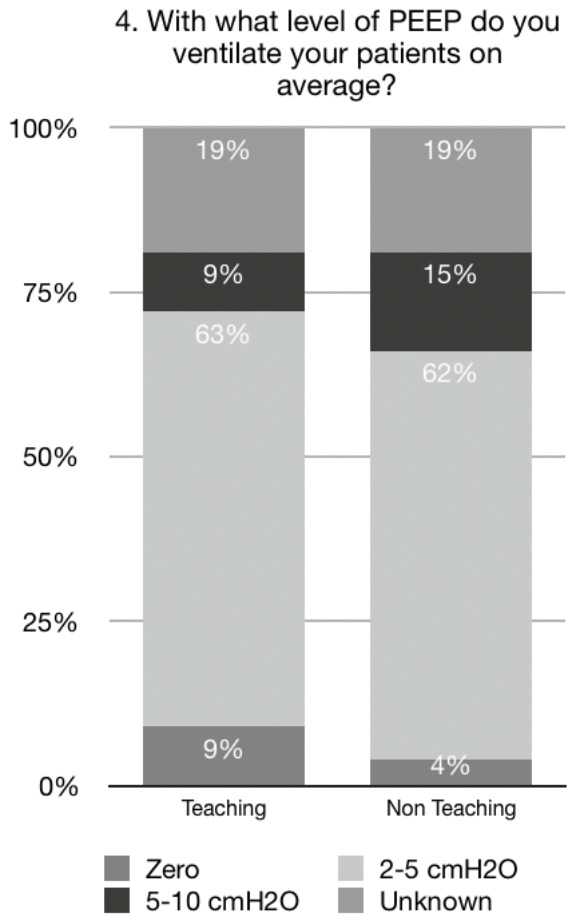
The image number corresponds to the question number of the questionnaire in the supplementary file 1.

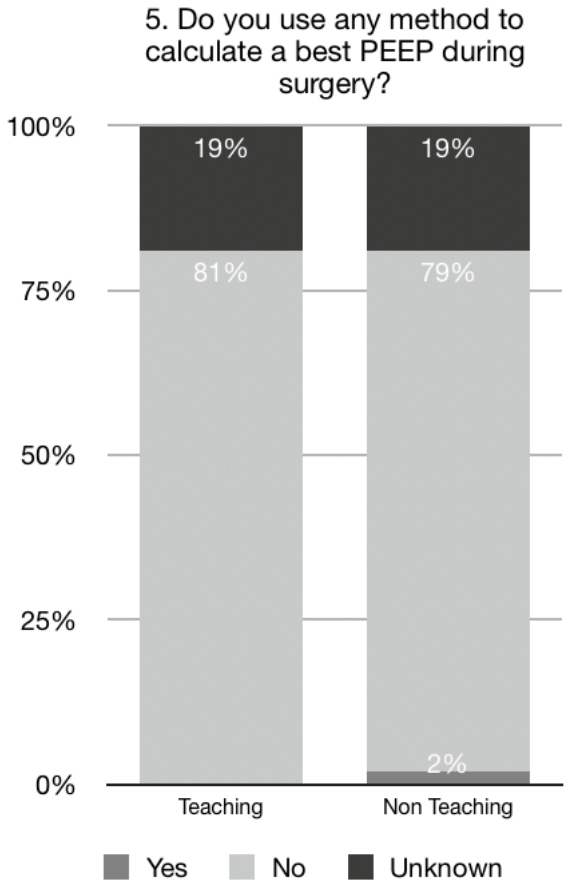


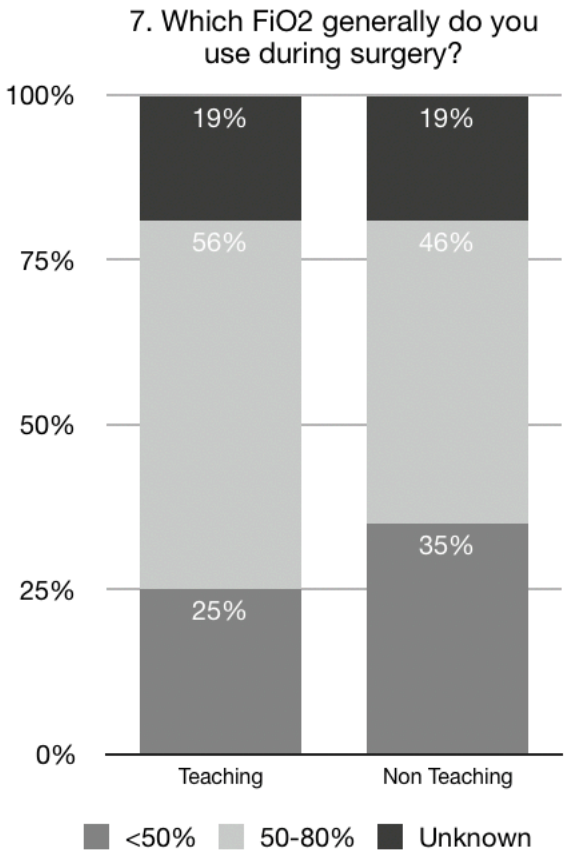



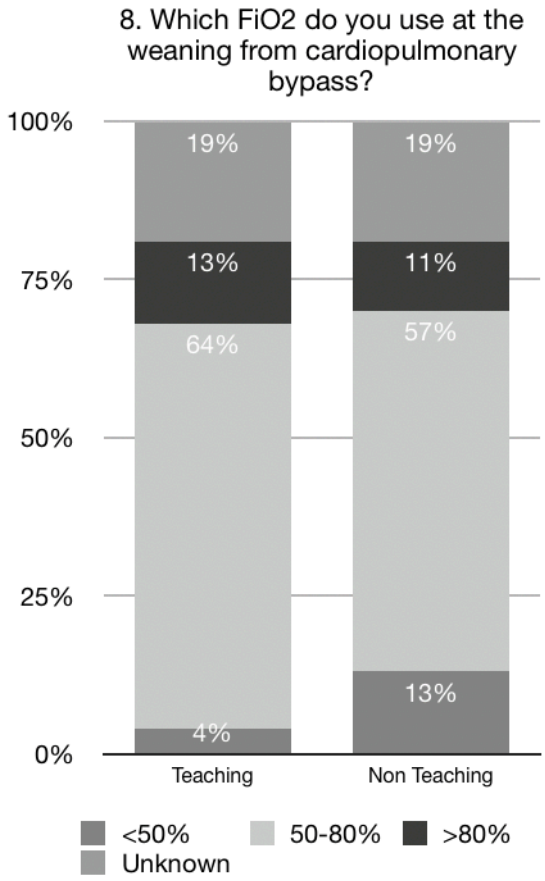

2. Tidal Volume used to ventilate during surgery
100%
75%
50%
25%
0%
19%
21%
30%
30%
19%
11%
26%
26%
18%
Teaching
Non Teaching
6 ml/kg
7 ml/kg
8 ml/kg
9-10 ml/kg
Unknown

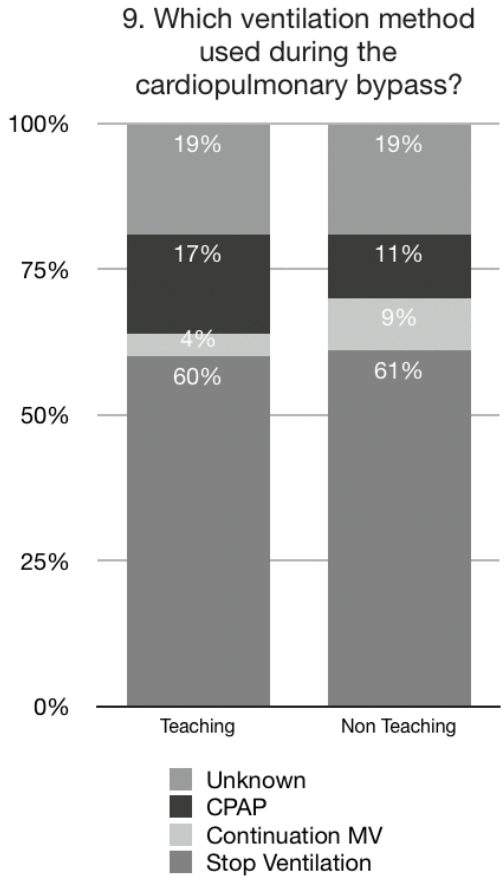

3. Is the tidal volume generally calculated on the ideal weight or on the actual weight?
100%
75%
50%
25%
0%
19%
30%
51%
19%
37%
44%
Teaching
Non Teaching
Ideal weight
Real wight
Unknown

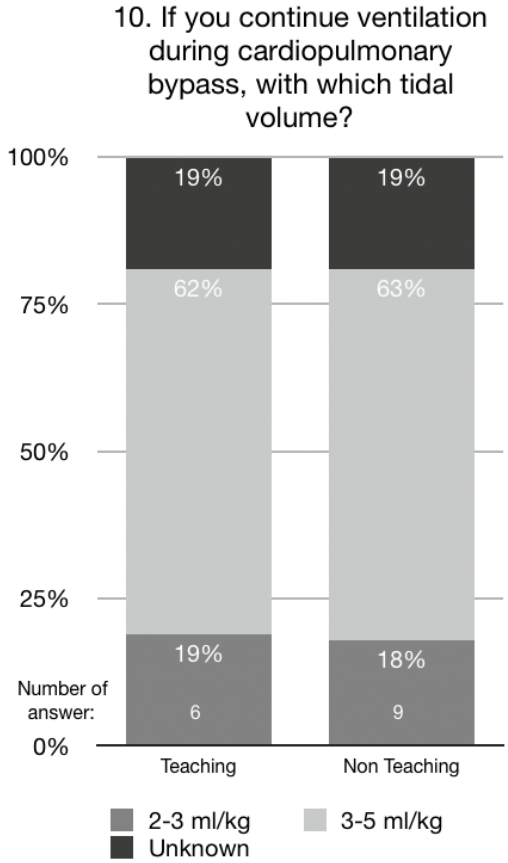

4. With what level of PEEP do you ventilate your patients on average?
100%
75%
50%
25%
0%
19%
9%
63%
9%
19%
15%
62%
4%
Teaching
Non Teaching
Zero
2-5 cmH2O
5-10 cmH2O
Unknown

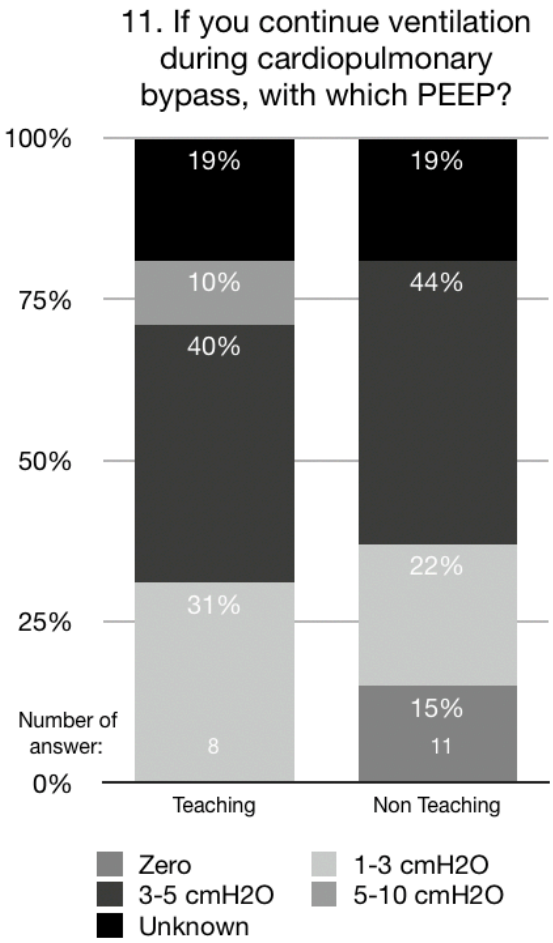

5. Do you use any method to calculate a best PEEP during surgery?
100%
75%
50%
25%
0%
19%
81%
19%
79%
2%
Teaching
Non Teaching
Yes
No
Unknown

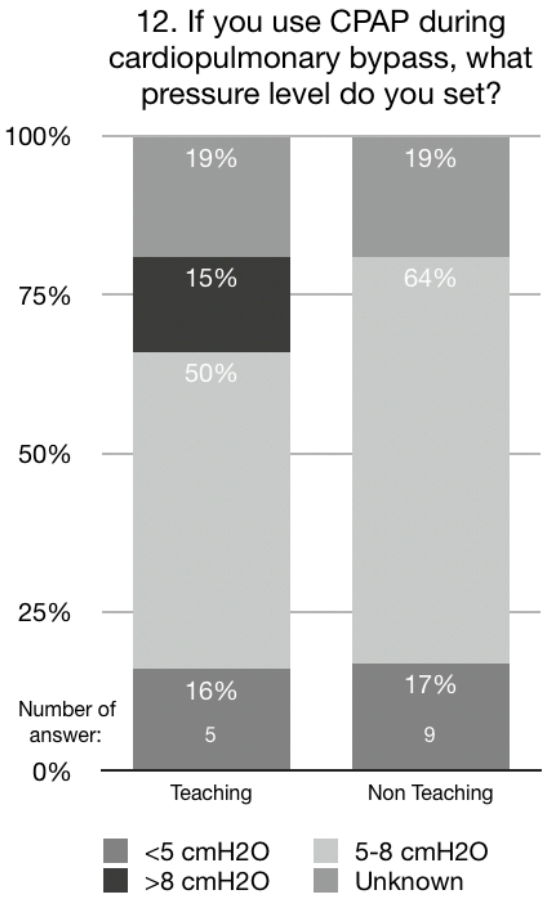

7. Which FiO2 generally do you use during surgery?
100%
75%
50%
25%
0%
19%
56%
25%
19%
46%
35%
Teaching
Non Teaching
<50%
50-80%
Unknown

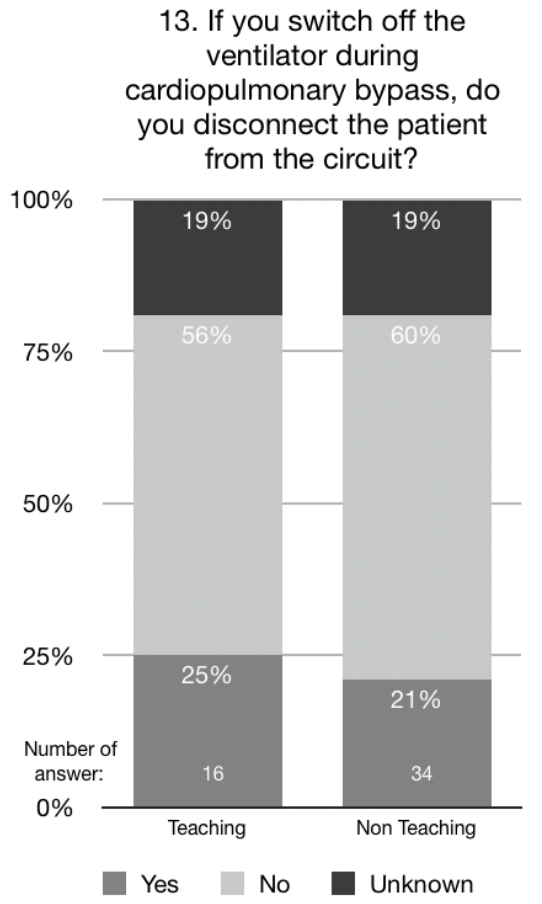

8. Which FiO2 do you use at the weaning from cardiopulmonary bypass?
100%
75%
50%
25%
0%
19%
13%
64%
4%
19%
11%
57%
13%
Teaching
Non Teaching
<50%
50-80%
>80%
Unknown

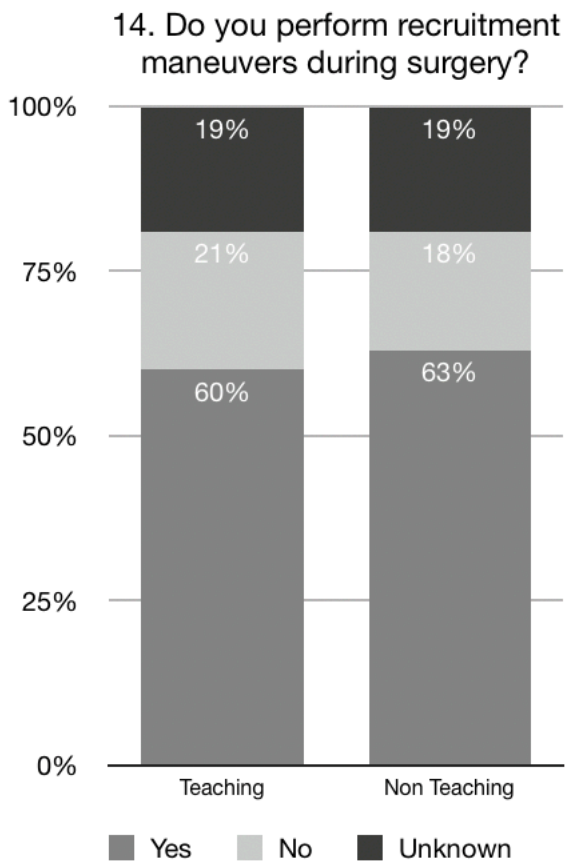

9. Which ventilation method used during the cardiopulmonary bypass?
100%
75%
50%
25%
0%
19%
17%
4%
60%
19%
11%
9%
61%
Teaching
Non Teaching
Unknown
CPAP
Continuation MV
Stop Ventilation

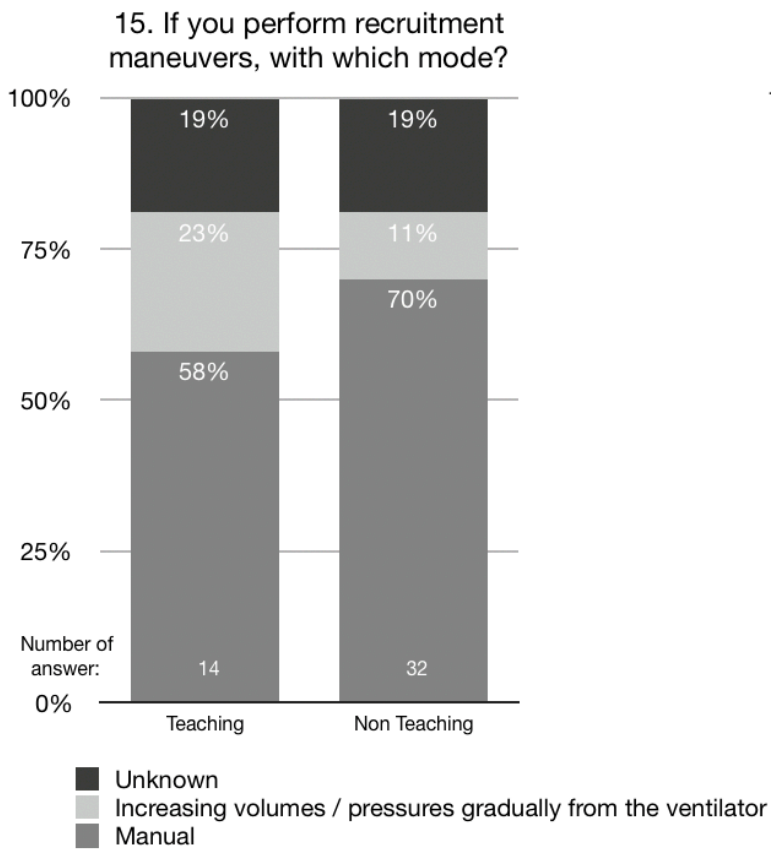

10. If you continue ventilation during cardiopulmonary bypass, with which tidal volume?
100%
75%
50%
25%
0%
19%
62%
19%
6
19%
63%
18%
9
Number of answer:
Teaching
Non Teaching
2-3 ml/kg
3-5 ml/kg
Unknown

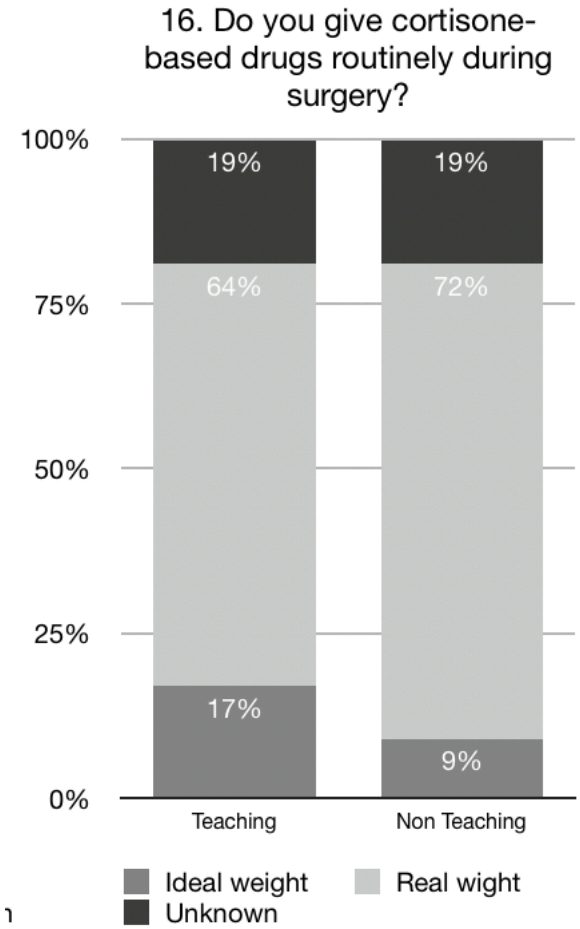

11. If you continue ventilation during cardiopulmonary bypass, with which PEEP?
100%
75%
50%
25%
0%
19%
10%
40%
31%
19%
44%
22%
15%
Number of answer:
8
11
Teaching
Non Teaching
Zero
1-3 cmH2O
3-5 cmH2O
5-10 cmH2O
Unknown

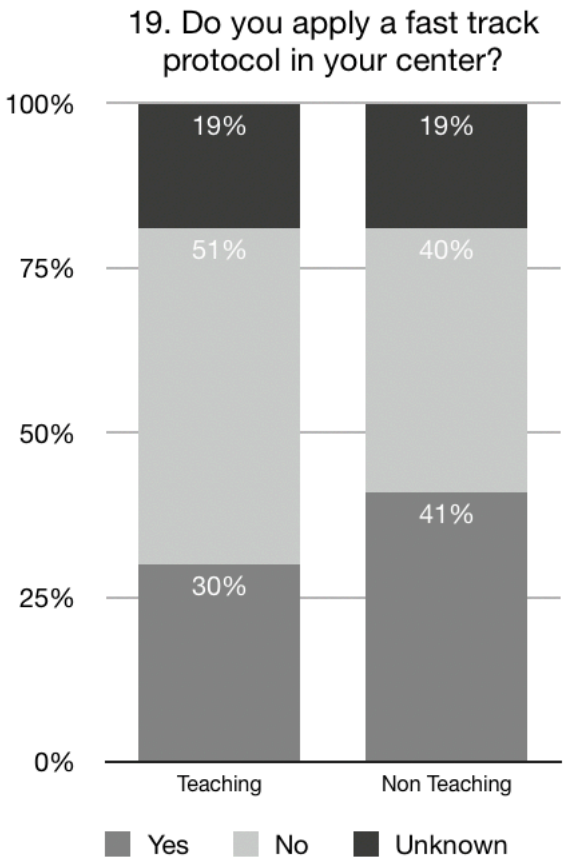

12. If you use CPAP during cardiopulmonary bypass, what pressure level do you set?
100%
75%
50%
25%
0%
19%
15%
50%
16%
19%
64%
17%
Number of answer:
5
9
Teaching
Non Teaching
<5 cmH2O
5-8 cmH2O
>8 cmH2O
Unknown

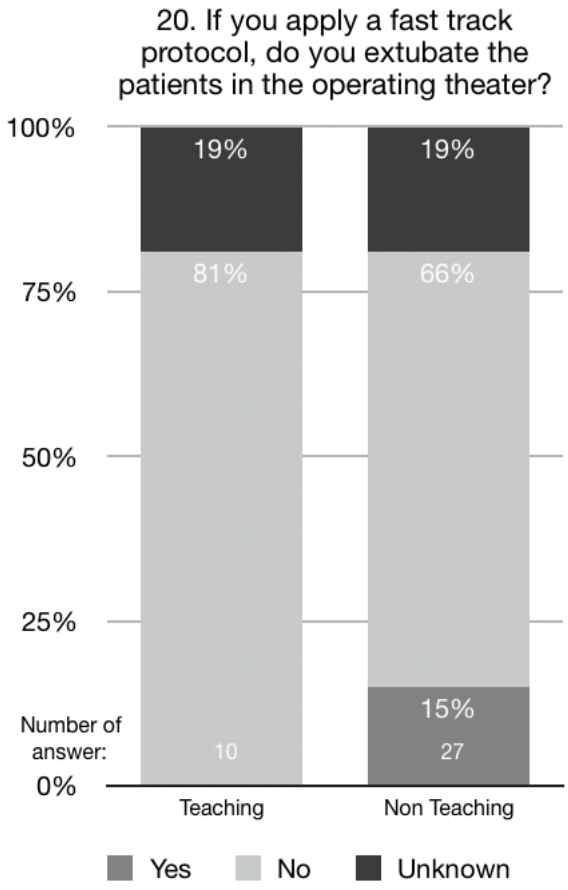

13. If you switch off the ventilator during cardiopulmonary bypass, do you disconnect the patient from the circuit?
100%
75%
50%
25%
0%
19%
19%
56%
60%
25%
21%
Number of answer:
16
34
Teaching
Non Teaching
Yes
No
Unknown

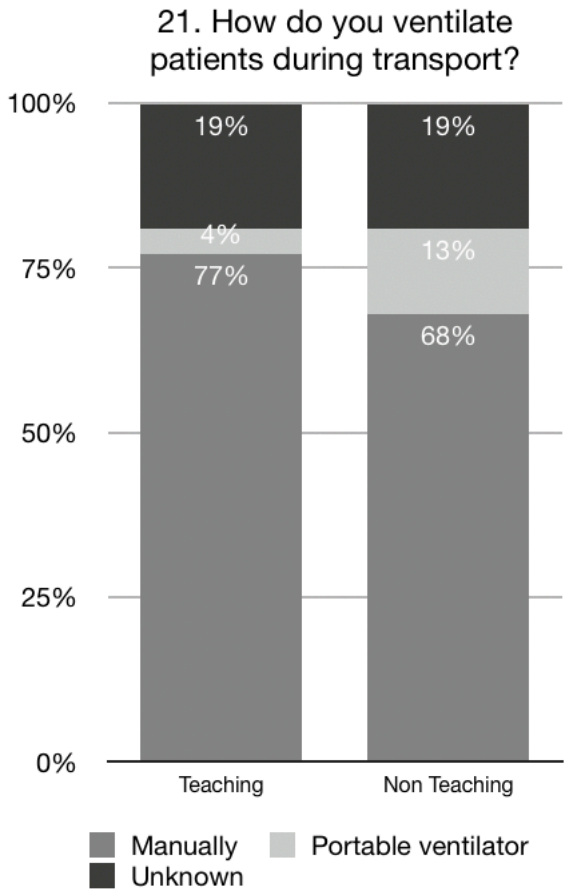

14. Do you perform recruitment maneuvers during surgery?
100%
75%
50%
25%
0%
19%
19%
21%
18%
60%
63%
Teaching
Non Teaching
Yes
No
Unknown

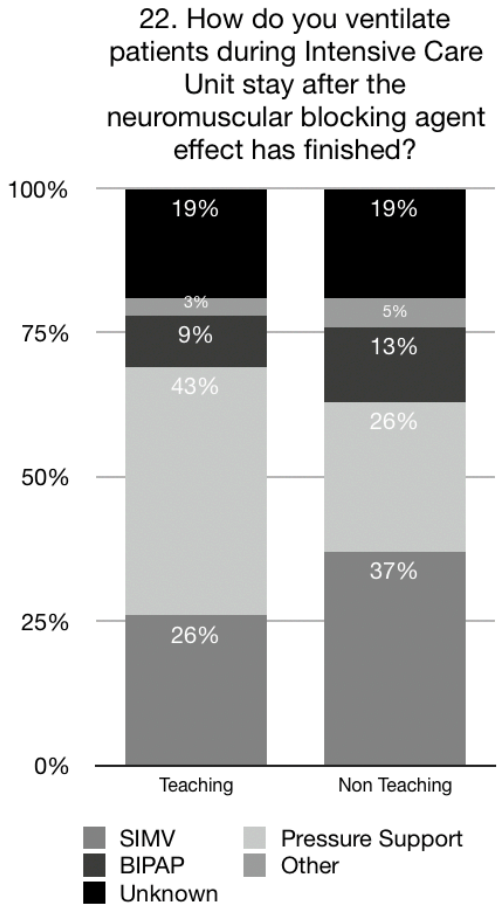

15. If you perform recruitment maneuvers, with which mode?
100%
75%
50%
25%
0%
19%
23%
58%
19%
11%
70%
Number of answer:
14
32
Teaching
Non Teaching
Unknown
Increasing volumes / pressures gradually from the ventilator
Manual

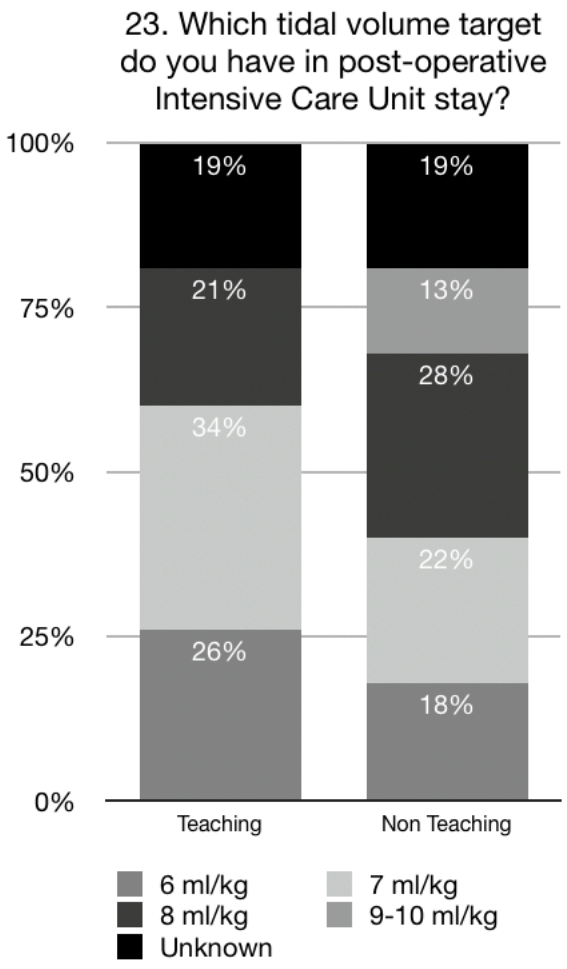

16. Do you give cortisone-based drugs routinely during surgery?
100%
75%
50%
25%
0%
19%
64%
17%
19%
72%
9%
Teaching
Non Teaching
Ideal weight
Real wight
Unknown

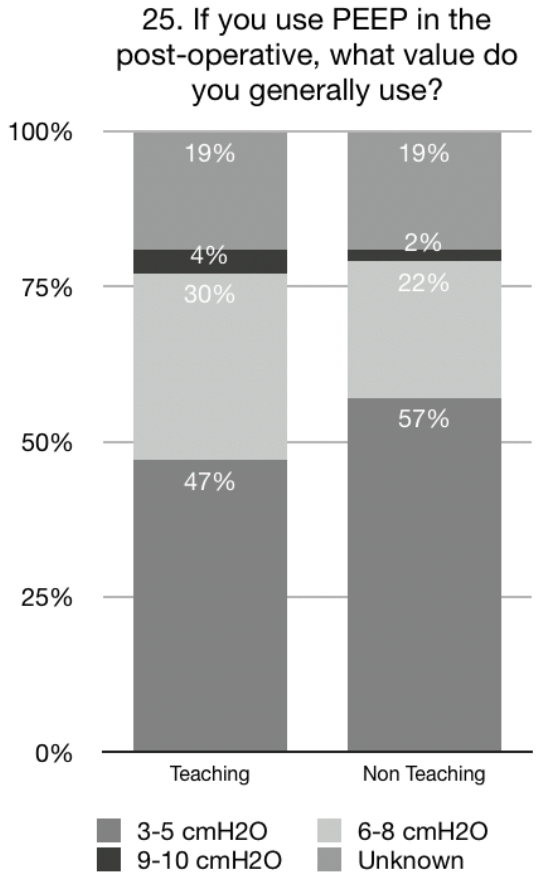

19. Do you apply a fast track protocol in your center?
100%
75%
50%
25%
0%
19%
19%
51%
40%
41%
30%
Teaching
Non Teaching
Yes
No
Unknown

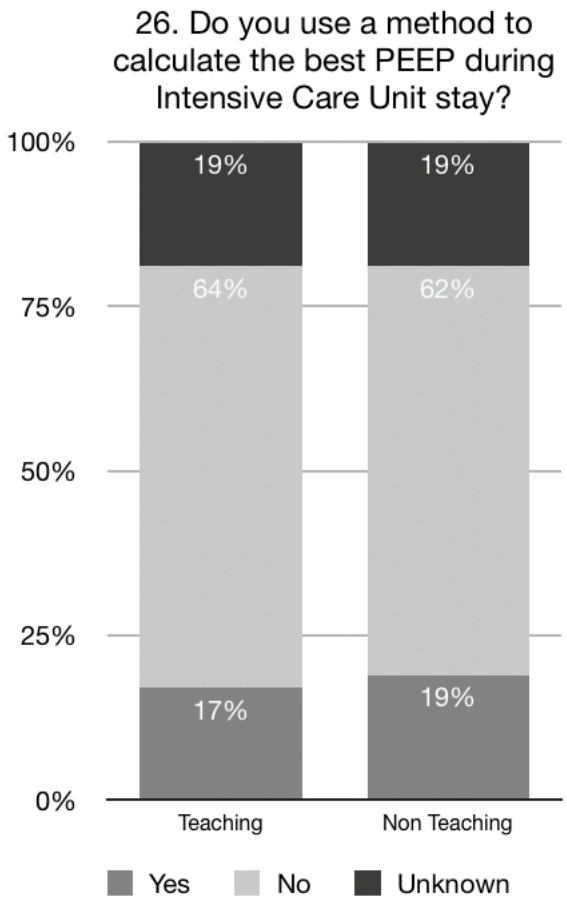

20. If you apply a fast track protocol, do you extubate the patients in the operating theater?
100%
75%
50%
25%
0%
19%
19%
81%
66%
15%
Number of answer:
10
27
Teaching
Non Teaching
Yes
No
Unknown

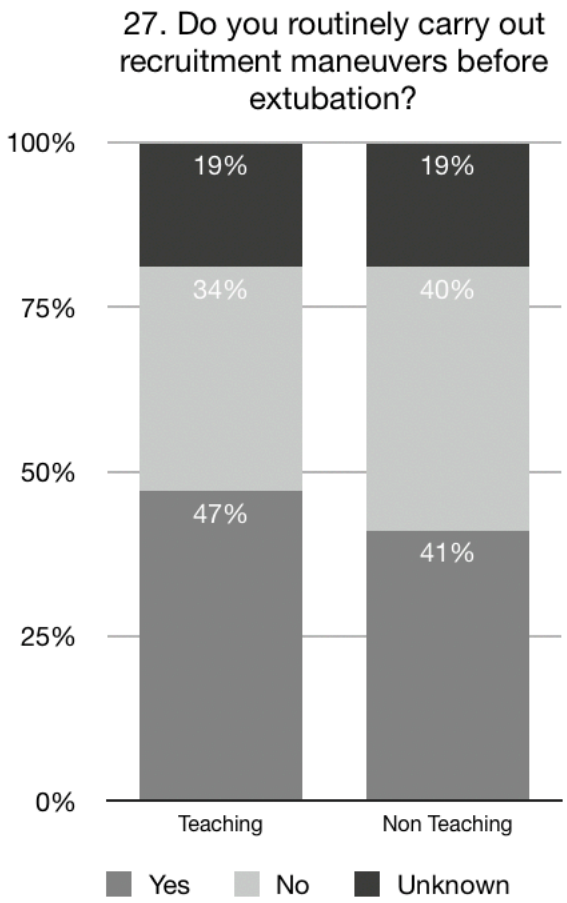

21. How do you ventilate patients during transport?
100%
75%
50%
25%
0%
19%
4%
77%
19%
13%
68%
Teaching
Non Teaching
Manually
Portable ventilator
Unknown

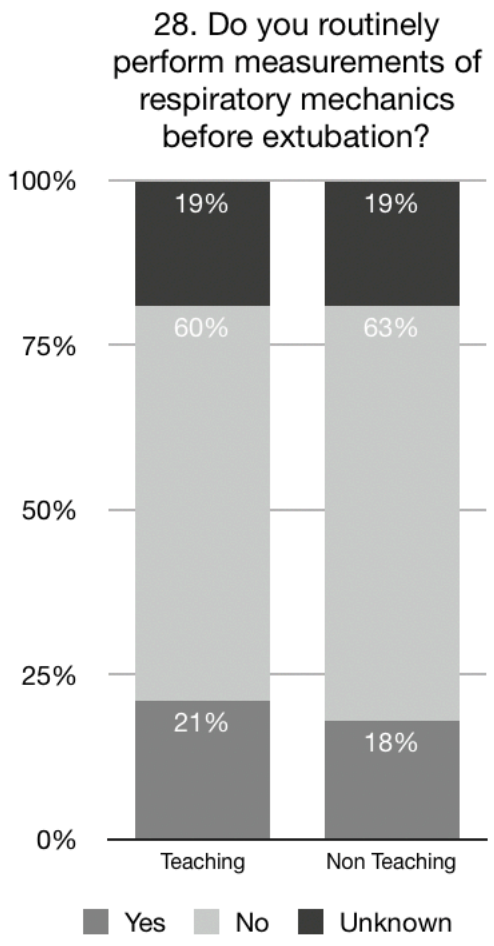

22. How do you ventilate patients during Intensive Care Unit stay after the neuromuscular blocking agent effect has finished?
100%
75%
50%
25%
0%
19%
3%
9%
43%
26%
19%
5%
13%
26%
37%
Teaching
Non Teaching
SIMV
Pressure Support
BIPAP
Other
Unknown

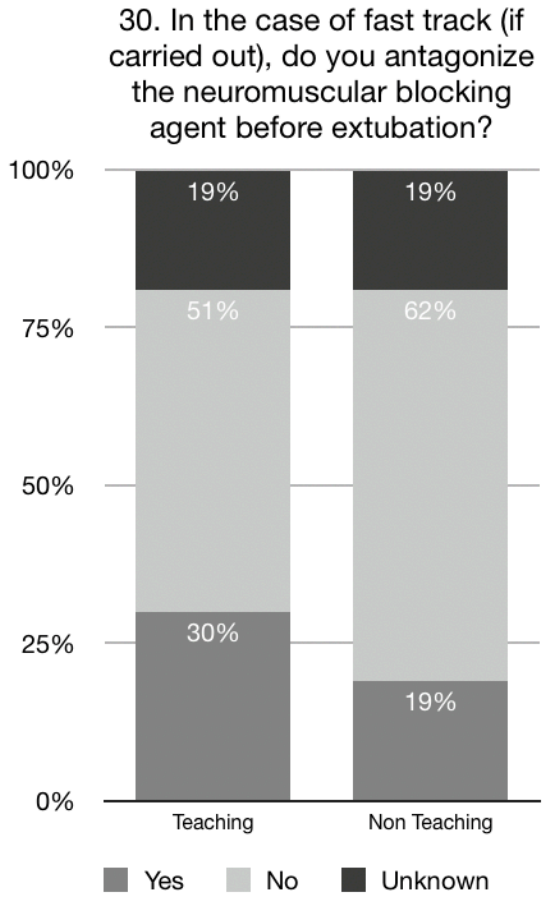

23. Which tidal volume target do you have in post-operative Intensive Care Unit stay?
100%
75%
50%
25%
0%
19%
21%
34%
26%
19%
13%
28%
22%
18%
Teaching
Non Teaching
6 ml/kg
7 ml/kg
8 ml/kg
9-10 ml/kg
Unknown


25. If you use PEEP in the post-operative, what value do you generally use?
100%
75%
50%
25%
0%
19%
4%
30%
47%
19%
2%
22%
57%
Teaching
Non Teaching
3-5 cmH2O
6-8 cmH2O
9-10 cmH2O
Unknown

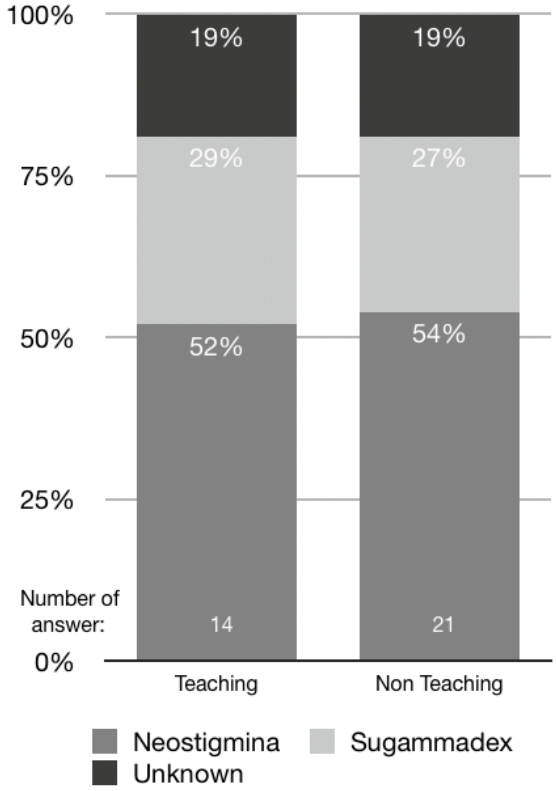

26. Do you use a method to calculate the best PEEP during Intensive Care Unit stay?
100%
75%
50%
25%
0%
19%
64%
17%
19%
62%
19%
Teaching
Non Teaching
Yes
No
Unknown

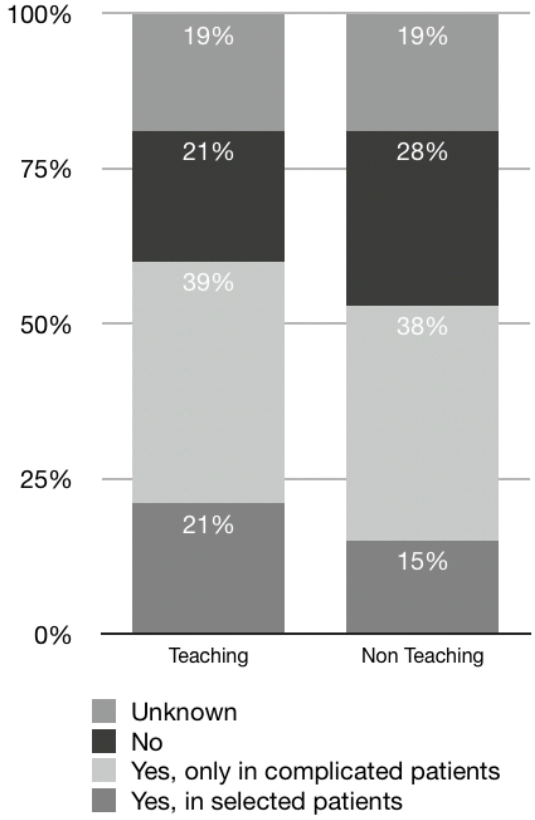

27. Do you routinely carry out recruitment maneuvers before extubation?
100%
75%
50%
25%
0%
19%
34%
47%
19%
40%
41%
Teaching
Non Teaching
Yes
No
Unknown


28. Do you routinely perform measurements of respiratory mechanics before extubation?
100%
75%
50%
25%
0%
19%
60%
21%
19%
63%
18%
Teaching
Non Teaching
Yes
No
Unknown


30. In the case of fast track (if carried out), do you antagonize the neuromuscular blocking agent before extubation?
100%
75%
50%
25%
0%
19%
51%
30%
19%
62%
19%
Teaching
Non Teaching
Yes
No
Unknown

31. What drugs do you routinely use to antagonize the effects of Neuromuscolar blocking agent?




32. Do you use non-invasive ventilation after discharge from Intensive Care Unit?