

Supplementary Table 2: End-study satisfaction questionnaire proposal (minor changes may occur depending on the early phases of the study).

Theme	Totally disagree	Disagree	Agree	Totally agree
1. You were aware that you were participating in a study on the organization and optimization of the placement of peripheral venous lines.				
2. Overall (throughout the process), you found this project interesting.				
3. In your opinion, this study has had a lasting effect on your practice of placing peripheral venous catheters.				
4. In your opinion, this program allows for a real improvement in patient management in the context of peripheral venous catheter placement				
5. The fact that the risk of vascular access difficulties is rated allows for the optimization of patient management during the placement of peripheral venous catheters				
6. Using a graded management algorithm for peripheral venous catheter placement improves the quality of patient care				
7. Using a graded management algorithm for peripheral venous catheter placement decreases management time				
8. Using a graded management algorithm for peripheral venous catheter reduces the number of punctures required to perform the procedure				
9. The use of a graded management algorithm during the placement of a peripheral venous catheter reduces the discomfort and pain generated by the procedure				
10. Using a graded management algorithm during the placement of a peripheral venous catheter improves the quality of the relationship with the patient during care.				
11. The tools proposed during this study have enabled you to develop new skills				
12. The implementation of this protocol has enabled you to anticipate difficulties during the placement of peripheral venous catheter optimally				
13. The use of this protocol has enabled you to find the necessary resources in case of difficulty				
14. The use of this protocol for the management of peripheral venous				

catheters optimizes the resources of nursing staff				
15. The implementation of this care protocol in your department has optimized collaboration between healthcare providers				
16. This protocol for the management of peripheral venous catheters has made you want to develop new skills				
17. You think that this protocol should be applied to all departments that insert peripheral venous catheters				
18. You think this protocol should be developed nationally				
19. You found the pain score easy to set up and use				
20. You found the implementation and use of the algorithm easy				
21. The proposed algorithm is adapted to the functioning and possibilities of your service				
22. You will continue to use this protocol when placing peripheral venous catheters in the future				
23. You think that this protocol allows you greater autonomy in the placement of peripheral venous catheters				