

**Appendix 1. Participating hospitals and cases included in the study**

Public hospitals	Regional Health Services	Number of patients
Virgen Macarena University Hospital*	Andalucía	2
Central de Asturias University Hospital*	Asturias	4
Vall D'hebron University Hospital*	Cataluña	22
Badajoz University Hospital	Extremadura	30
A Coruña University Hospital Complex*	Galicia	23
Ourense University Hospital Complex	Galicia	14
Barbanza Hospital	Galicia	5
Calahorra Hospital Foundation	La Rioja	1
San Pedro Hospital	La Rioja	13
Severo Ochoa Hospital	Madrid	21
12 De Octubre University Hospital*	Madrid	4
La Paz University Hospital*	Madrid	16
Dr. Peset Aleixandre University Hospital	Valencia	1
*Tertiary hospital		