

1 Table I: Characteristics of anticoagulated patients with metallic prosthetic valves in the
2 mitral position.

	Male (n=34)		Female (n=117)		Overall (n=151)	
	Mean/ %	SD	Mean/ %	SD	Mean/ %	SD
Age (mean)	65.03	11.54	67.08	9.88	66.62	10.28
Age groups (%)						
≤ 60 years	32.35		0.26		0.28	
61 -70 years	29.41		0.32		0.32	
71 -80 years	32.35		0.34		0.34	
≥ 81 years	5.88		0.07		0.07	
Principal diagnosis (%)						
Mitral prosthesis (n = 90)	61.76		58.97		59.60	
Mitro-aortic prostheses (n = 57)	35.29		38.46		37.75	
Mitral and tricuspid prostheses (n = 4)	2.94		2.56		2.65	
Patients with comorbidity (%)						
Hypertension	52.94		0.62		0.60	
Diabetes Mellitus	17.65		0.21		0.21	
Cardiac Insufficiency	35.29		23.08		25.83	
Dyslipidemia (high cholesterol)	38.24		55.56		51.66	
Atrial fibrillation	73.53		87.18		84.11	
Chronic pulmonary disease	32.35		17.09		20.53	
Endocrine pathology	5.88		27.35		22.52	
Hepatic disease	26.47		5.98		10.60	
Digestive Disease	14.71		2.56		5.30	
Total visits per patient	60.68	35.04	74.22	38.27	71.17	37.88
Mean visits per patient per year	22.34	6.39	24.92	7.33	24.34	7.19
Time monitored (mean, months)	32.55	16.91	37.02	17.52	36.02	17.43
Weekly dose (mg) OAT (mean)	13.69	7.72	14.90	6.38	14.63	6.70

3 * During the study

4 OAT: oral anticoagulation therapy

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1 Table II: Direct Health Care Costs (2010)

Health care resource	
Oral Anticoagulant Treatment (drug costs)^a	
Sintrom (acenocoumarol) 1 mg	€ 0.032/mg
Sintrom (acenocoumaron) 4 mg	€ 0.033/mg
Aldocumar (warfarin) 1 mg	€ 0.040/mg
Aldocumar (warfarin) 3 mg	€ 0.025/mg
Aldocumar (warfarin) 5 mg	€ 0.018/mg
Aldocumar (warfarin) 10 mg	€ 0.014/mg
INR monitoring^b	€ 2.733*
Medical visit^b	€ 17.41
Rescue medication^b	
Enoxaparin sodium 20mg/0,2ml	€ 3.277/mg
Enoxaparin sodium 40mg/0,4ml	€ 5.054/mg
Enoxaparin sodium 60mg/0,6ml	€ 6.179/mg
Vitamin K**	€ 0.376/mg
Related complications^c	
Emergency visits	Price per GRD
Hospitalization	Price per GRD
Bridge therapy	Price per GRD

2 ^a Source: Drug Database General Council of Pharmacists Spanish3 ^b Source: hospital cost accounting.4 ^c Source: Diagnosis related group (GRD). Ministerio de Sanidad, Servicios Sociales e
5 Igualdad.6 *€/INR determination (includes cost of test strip, pipette and lancets). The cost is
7 doubled when INR>5 (as the number of material needed is double).

8 **Vitamin K was administered orally (drops)

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