Table 1: Clinical and hemodynamic data, according to the time of diagnosis of pulmonary hypertension

	Before July 2007 N= 861	**After July 2007 N= 167**
Age (yr)	45 ± 17	51 ± 18*
Gender (%male)	29%	26%
Time symptoms-diagnosis (yr)	3.7 ± 6.3	2.2 ± 4.7*
WHO FC III-IV	69%	68%
mPAP (mmHg)	56 ± 16	48 ± 13*
CI (l/min/m^2)	2.6 ± 0.8	2.8 ± 1.0
PVR (WU)	12 ± 7	10 ± 6*
RAP (mmHg)	8.6 ± 5.2	9.6 ± 6.1
6MWD (m)	360 ± 117	378 ± 135

*p<0.05 compared with the group diagnosed before July 2007

Definition of abbreviations: WHO-FC: functional classification according to World Health Organization mPAP: mean pulmonary artery pressure. PVR: pulmonary vascular resistance. CI: cardiac index. RAP: right atrial pressure. 6MWD: 6-minute walk distance.

All patients	Patients with IPAH

	HR [CI 95%]	*p-value*	***HR [CI 95%]***	*p-value*
Age (10 years)	1.15 (1.08-1.23)	<0.001	1.08 (0.95-1.23)	0.234
Gender (men)	1.27 (1.00-1.60)	0.045	2.96 (1.96-4.53)	<0.001
6 MWT (20m)	0.93 (0.91-0.95)	<0.001	0.92 (0.88-0.96)	<0.001
WHO-FC	1.65 (1.38-1.98)	<0.001	2.90 (2.02-4.18)	<0.001
Pericardial effusion	1.34 (1.01-2.10)	0.042	1.1 (0.85-1.6)	0.364
Year of diagnosis		0.717		0.506
1998- 2001	reference	-	reference	-
2002-2004	1.12 (0.85-1.48)	0.428	0.74 (0.44-1.26)	0.269
2005-2008	1.04 (0.76-1.42)	0.831	0.80 (0.44-1.43)	0.443
CO (l/min)	0.76 (0.69-0.83)	<0.001	0.71 (0.58-0.88)	0.001
mPAP (5 mm Hg)	1.00 (0.97-1.04)	0.912	1.12 (1.04-1.20)	0.002
PVR (5 UW)	1.15 (1.07-1.24)	<0.001	1.25 (1.07-1.45)	0.004
RAP (5 mm Hg)	1.40 (1.27-1.56)	<0.001	1.81 (1.43-2.28)	<0.001
IC (l/min/m^2)	0.60 (0.50-0.72)	<0.001	0.49 (0.33-0.72)	<0.001
DLCO (10)	0.83 (0,78-0.89)	<0,001	0.84 (0.75-0.94)	0,002
BP (10 mm Hg)	0.98 (0.93-1.04)	0.552	0.93 (0.83-1.04)	0.203
HR (10)	1.08 (0.97-1.20)	0.179	1.36 (1.12-1.65)	0.002
Subtypes of PH		<0.001		
Idiopathic	reference.	-		
CTD	1.74 (1.25-2.42)	0.001		
CHD	0.69 (0.47-1.01)	0.057		
CTEPH	0.98 (0.66-1.45)	0.911		
HIV	0.91 (0.51-1.62)	0.738		
PoPH	2.00 (1.25-3.13)	0.004		
TOS	0.87 (0.49-1.53)	0.616		
PVOD	4.18 (1.69-10.3)	0.002		
2 or more etiologies	1.00 (0.64-1.57)	0.991		
others	1.82 (1.06-3.11)	0.029		

Table 2: Univariate predictors of death in Cox's proportional hazards analysis

Definition of abbreviations: IPAH: idiopathic PAH WHO-FC: functional classification according to World Health Organization. 6MWD: 6-minute walk distance. WHO-FC: functional classification according to World health organization. mPAP: mean pulmonary artery pressure. PVR: pulmonary vascular resistance. WU: Wood Units. CI: cardiac index. RAP: right atrial

pressure. CI: cardiac index. HR: Heart rate. PH: pulmonary hypertension. CTD: connective tissue disease. CHD: congenital heart disease. CTEPH: chronic thromboembolic pulmonary hypertension. HIV: human immunodeficiency virus. PoPH: portopulmonary hypertension. TOS: Toxic oil syndrome. PVOD: pulmonary veno-occlusive disease.

Table 3: Observed survival in current PAH registries from time of diagnosis

	REHAP	PHC	French Registry	REVEAL
Patients with PAH				
1 year	86%	86%	87%	88%
3 years	75%	69%	67%	72%
Patients with IPAH				
1 year	89%	92%	83%	
3 years	77%	75%	58%	

Definition of abbreviations: PAH: pulmonary arterial hypertension. IPAH: idiopathic pulmonary arterial hypertension. REHAP: Spanish Registry of Pulmonary Arterial Hypertension PHC: Pulmonary Hypertension Connection. REVEAL: Registry to Evaluate Early and Long-Term Pulmonary Arterial Hypertension Disease Management.