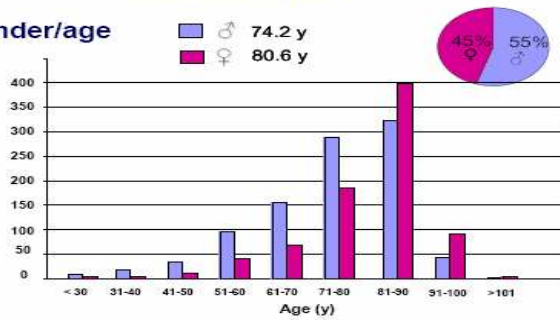


Mean age = 77 ± 13 years (18-101 y)
median = 80 years

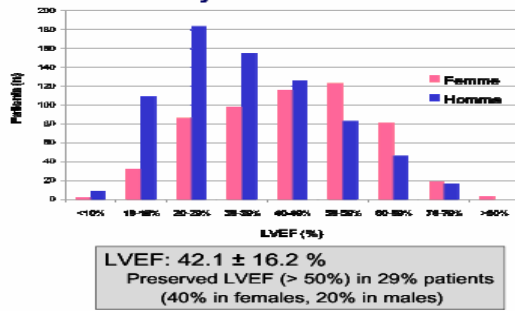
Gender/age



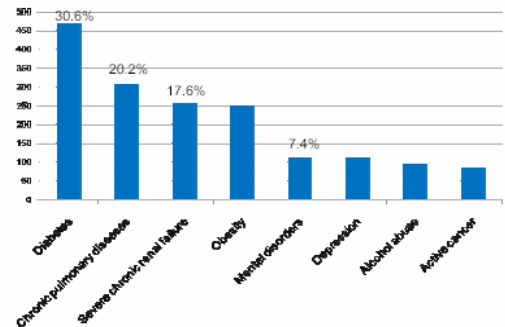
Clinical characteristics

		n (%)
Age (years)	77 ± 13	100%
Male	55 %	100%
Systolic BP (mmHg)	130.2 ± 29.3	94%
Heart rate (bpm)	89.2 ± 29.4	92%
BMI	27.4 ± 6.3	76%
Creat clearance (ml/min)	59.3 ± 66.0	93%
≥ 60ml/min	38%	
30-59 ml/min	47%	
< 30ml/min	15%	
BNP or NTproBNP (pg/ml)	3000 ± 1563; 10687 ± 12583	82%
LVEF	0.42 ± 0.16	85%
> 0.50	28.9%	
0.41 - 0.50	18.8%	
≤ 0.40	52.3%	
Pacing, IAD	18%, 4%	98%

LV ejection fraction



Co-morbidities



Procedures, treatments

Intensive care unit	41.9%
IV diuretics	86.2 %
Inotropic drugs	14.3%
Non-invasive ventilation	12.2%
Invasive ventilation	6.0%
Ultrafiltration/dialysis	2.5%
Circulatory support device	1.7% (15 IABP, 7 ECMO, 4 ventricular assist devices)
Transplantation	10 cases
Echocardiography	82.6%
Coronary angiography	21.2% (5% with PCI)
Pacing, IAD	4.4%, 0.9%

In-hospital deaths

In-hospital deaths	8.8 %
≥ 75years	10.5 %
< 75 years	5.7 %

Predictors (multivariate analysis)

Variables	Khi-2	p
Inotropic drugs	97.53	<0.0001
Creat clearance	13.75	0.0002
Ventilation	11.07	0.0009
Syst BP on admission	6.99	0.0082
Age	5.26	0.0218
LVEF	6.46	0.0110

Discharge

	All patients*	LVEF ≤ 40%*
Diuretics	84.0%	87.6%
ACE-I	53.1%	64.3%
ARB	11.9%	9.8%
ACE-I / ARB	64.7%	73.5%
Betablockers	53.5%	65.7%
ACE-I/ARB and BB	39.0	51.7%
Aldosterone blockers	17.5%	25.2%
Digitalis	9.4%	9.3%
Calcium blockers	17.1%	8.5%
Nitrates	15.9%	14.1%
Amiodarone	22.3%	23.3%
Statins	42.0%	47.2%
Aspirin	44.8%	51.5%

* 80% of included patients

Parameters associated with the lack of ACE-I/ARB or BB at discharge (in patients with LVEF ≤ 0.40)

Multivariate analysis

ACE-I or ARB	Khi-2	p
Female	9.87	0.0017
No diabetes	8.45	0.0037

Beta-blockers	Khi-2	p
Pulmonary disease	60.17	< 0.0001
Cardiogenic shock	12.86	0.0003
Mental disorders	10.99	0.0009
Severe renal failure	6.89	0.0087
Age	7.09	0.0077
LVEF	5.63	0.0176

(CAD, DCM, arrhythmia, hypertensive crisis: positively related to use of BB)

Conclusions

- Representative sample of the "real life"
- Quality of data
- On-going analysis of data
 - GP and ER: main actors before admission
 - Age: particularly high
 - Proportion of preserved HF less than 30%
 - In-hospital mortality close to 10%
 - Treatment at discharge: gaps with guidelines, different factors related with no-prescriptions
- On-going follow-up
- More details in room 221-222M at 6pm

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