

PAHTool: A dedicated software for PAH National and international experience

Abílio Reis

PVDU Hospital Santo António/Centro Hospitalar do Porto ICBAS – Porto University Portuguese General-Directorate of Health

Pulmonary Arterial Hypertension

"Rare" Disease

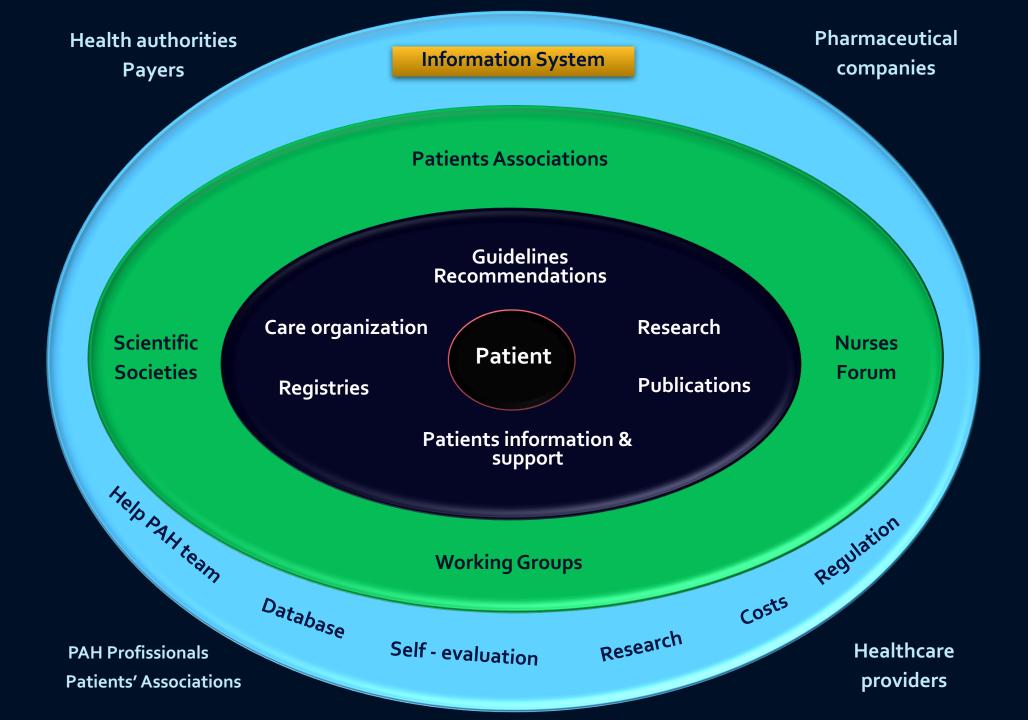
Specialized care

Malignant behaviour

Treatable

Costly

Dedicated & Organized care



PAHTool – Objectives



- Friendly use
- ✓ Useful in clinical practice helping PH team
 - Good clinical practice
 - Streamlined visits and reports
- **✓** Educational tool
 - Implementation of "Recommendations"
 - Standardization of practices
- Database for information, global management, research and regulation
- CRFs for clinical trials
- ✓ Integrated in the electronic medical record (EMR)

CT & Registries results from usual clinical activity without duplicating work

PAHTool – In use since 2008





- ✓ Hospital Santo António, Porto
- ✓ Portuguese PAH network (6)
- ✓ Database for a

Retrospective PH registry (2008)

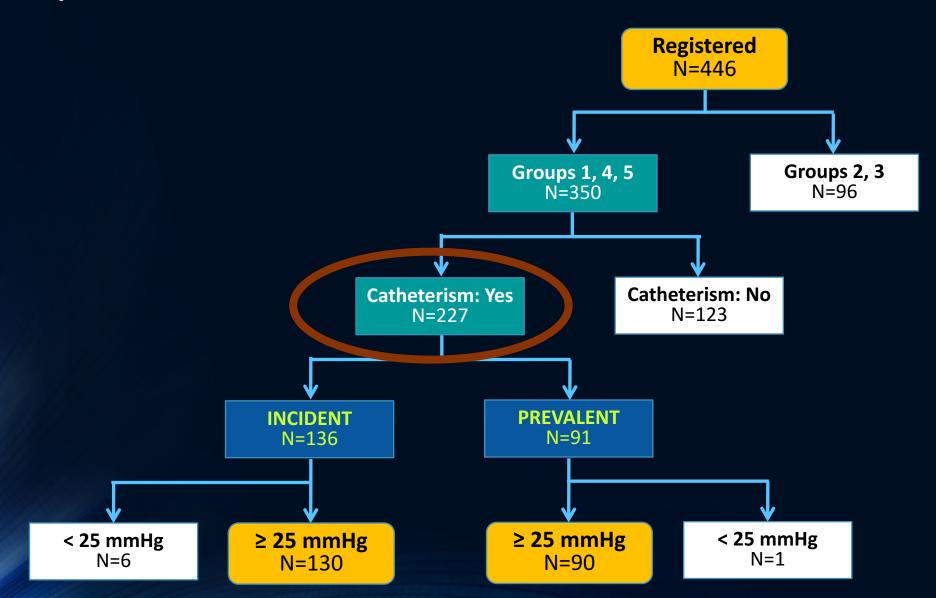


Caracterização epidemiológica nacional da Hipertensão Arterial Pulmonar (HAP): Resultados de um Registo Nacional

Abílio Reis, Igor Marques E Luís Almeida

A Agapito, A Nunes Diogo, G Castro, M J Loureiro, T Shiang, A Marinho Silva, F Gonçalves, S Martins, A Oliveira, D Ferreira, R Baptista

Population flowchart



Challenges



✓ Retrospective design

Missing data

✓ Lost to follow-up

✓ Variable adherence by the centers

PAHTool – National prospective Registry



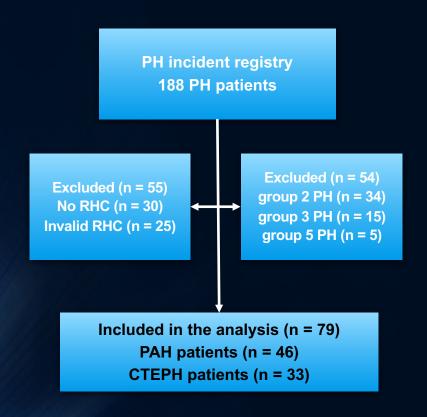


- ✓ Hospital Santo António, Porto
- ✓ Portuguese PAH network (6)
- ✓ Database for a

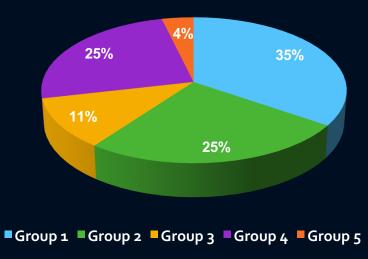
Retrospective registry (2008)

Prospective registry of incident patients (2008-2010)

Results



PH group (n = 133) 2008-2010



Estimated PAH incidence
2.5 cases/1 million adult inhabitants/yr

Estimated CTEPH incidence

1.8 cases/1 million adult inhabitants/yr

PAHTool – Other scientific





- ✓ Hospital Santo António, Porto
- ✓ Portuguese PAH network (6)
- ✓ Database for a

Retrospective registry (2008)

Prospective registry of incident patients (2008-2010)

Pulmonary endarterectomy in a country without PEA

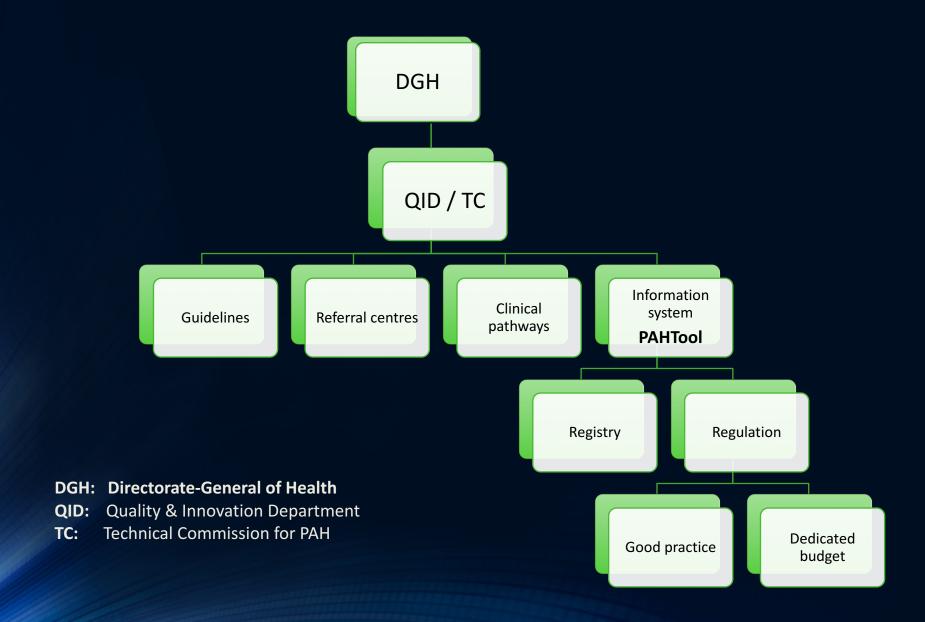
Baptista R et al. Poster. ESC Congress 2014

Portuguese validation of CAMPHOR questionnaire

Reis et al. Health and Quality of Life Outcomes (2016) 14:110

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PAHTool – National information system



PAHTool – In use (2016)



Portugal (4)



France (29)



Netherlands (6)



Luxembourg (1)



Greece (2)



Turkey (7)



Brazil (2)



Saudi Arabia (5)



Libya (1)



Canada (1)



Malaysia (2)



Singapore (2)



Thailand (1)



Oporto, Portugal 13 November 2015

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	TITLE	CHAIRS	SPEAKERS
08H00	WELCOME AND OBJECTIVES	A Reis, G Simonneau	A Reis
08H15	REGISTRIES - IMPORTANCE AND GOALS	G Simonneau, A Reis	
	Disease management and health authorities needs		G Simonneau
	Survival data and possible bias		R Souza
	Safety data		S Rosenkranz
	Discussion		All
09H30	HOW TO GET DATA FOR REGISTRIES Classic ways	G Simonneau, R Souza	
	French Registry UK Registry		O Sitbon M Johnson
10h00	Coffee Break		
10h30	Spanish Registry (REHAP) COMPERA Registry Japanese Registry Bologna Registry CTEPH Registry An overview from published registries Discussion		P Escribano S Rosenkranz Y Tamura M Palazzini M Delcroix M Humbert All
12h30	Lunch		
14H00	HOW TO GET DATA FOR REGISTRIES New Ways	M Humbert, M Delcroix	
	PAHTool		A Reis
	PAHTool - Countries Experience		D.D. atlata



Oporto, Portugal 13 November 2015

R Baptista

0 Sitbon

K Boomars

J Swiston J Yip C Jardim

A Al Dalaan

G Simonneau

16h30 Coffee Break

Portugal

France

Netherlands

Canada Singapore Brazil

Saudi Arabia

CLOSING REMARKS

Discussion

COLLABORATION PROJECTS	A Reis, O Sitbon, R Souza	
What has already been done		R Souza
What can we do in the future		O Sitbon
Discussion		Al
	What has already been done What can we do in the future	What has already been done What can we do in the future

Roadmap

2016

2017

Adaptation as a referral tool

Q4

HRQoL / PRO Wearables

Q1 - Q4

EHS integration Local support

Q1 - Q4

Cloud/web network
CRFs / CT
International registries

Q1 - Q4