

European Heart Survey

Pregnancy in patients with
Structural Heart disease
- A registry

European Heart Survey

Joint initiative of ESC working groups:

Adult congenital heart disease

Valve disease

Rationale

- Very difficult/impossible to do controlled trials in this patient group
- Most previous studies have limited numbers
 - Investigate how these patients are managed
 - What problems occur ?
 - What is the overall risk to mother and child?

Rationale 2

Big numbers will help to
overcome weak science!

First challenge

Get a good data set

- Get all the events and outcomes
- Keep it simple

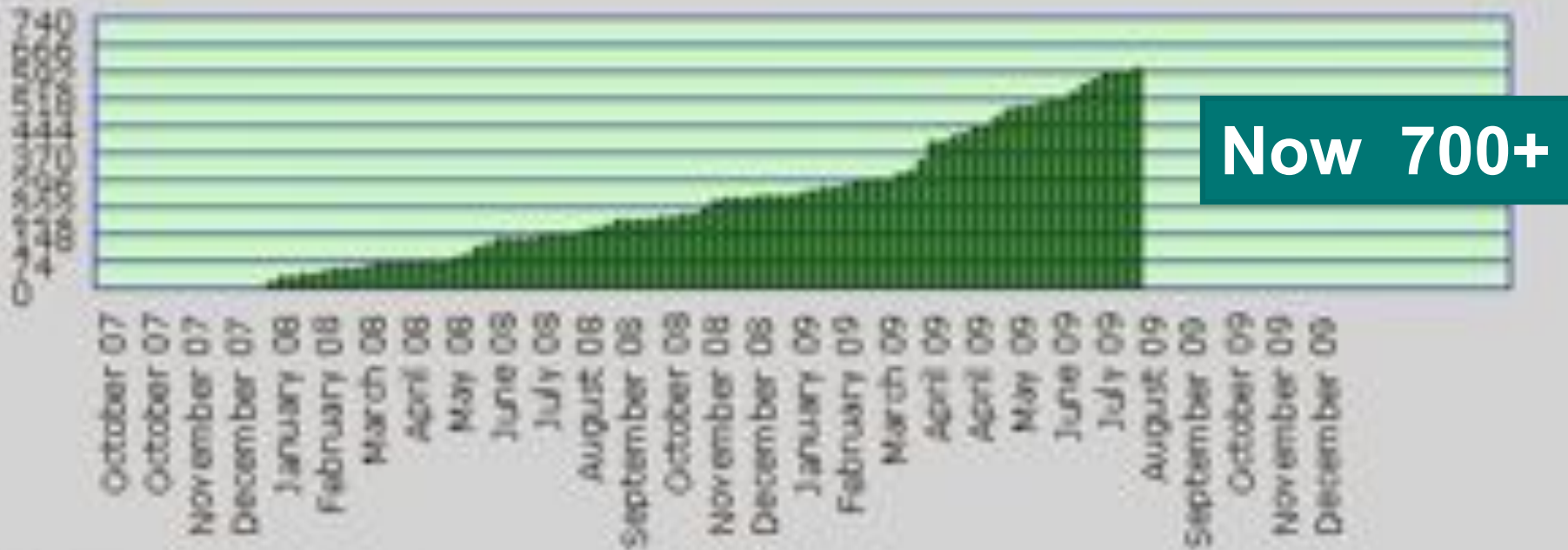
First challenge

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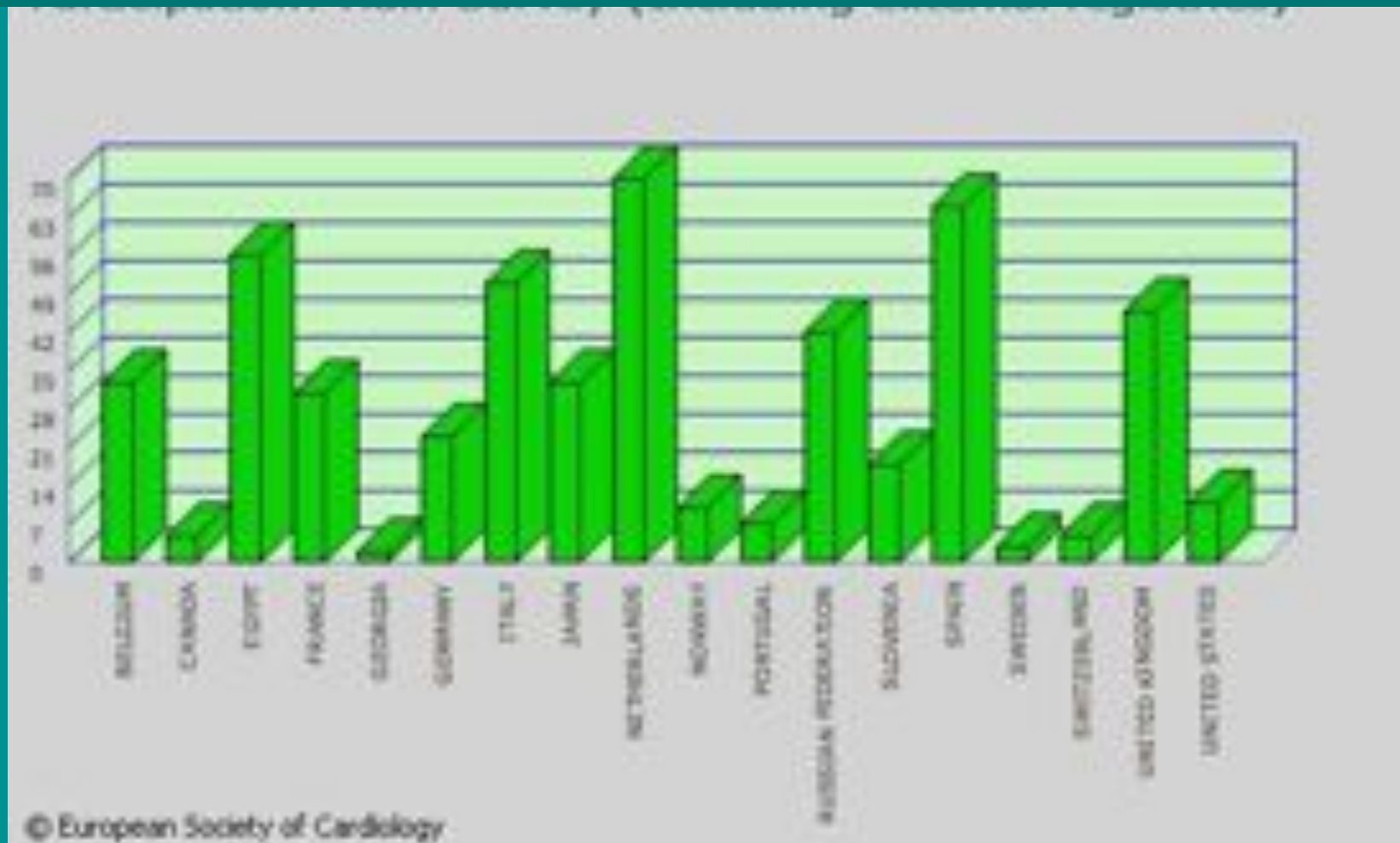
- Get all the events and outcomes
- Keep it simple
- Initial data entry forms were too complicated
- Now simple and easy to enter patients

Inclusion

Progress

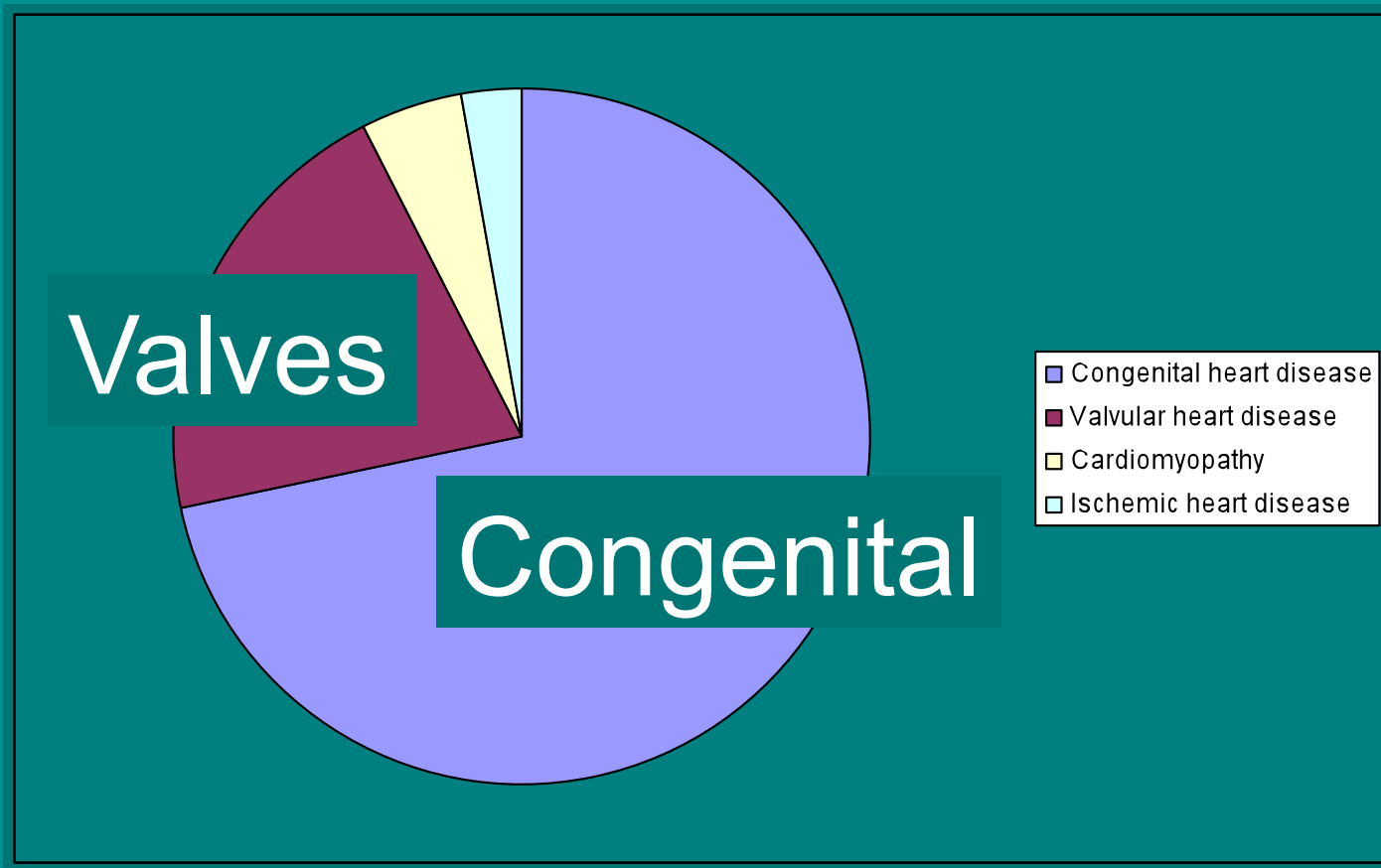


Countries including patients

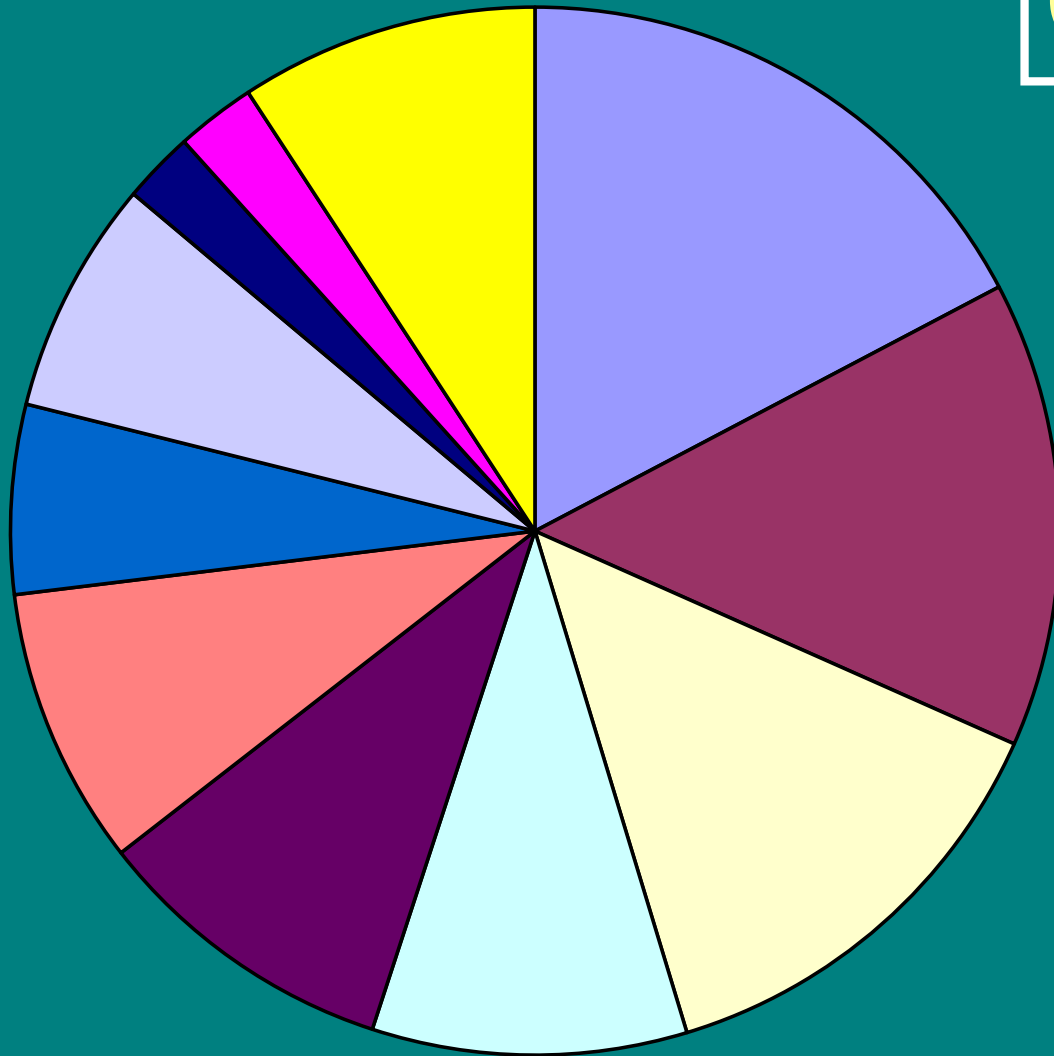


Distribution of diagnoses

- Mean age 32 yrs



Congenital



- VSD
- ASD
- Tetralogy of Fallot
- Aortic coarctation
- Pulmonary valve abnormality
- Aortic valve abnormality
- complete TGA
- AVSD
- Ebstein
- Marfan
- Rest

Congenital

- VSD 58
- ASD 49
- AVSD 24

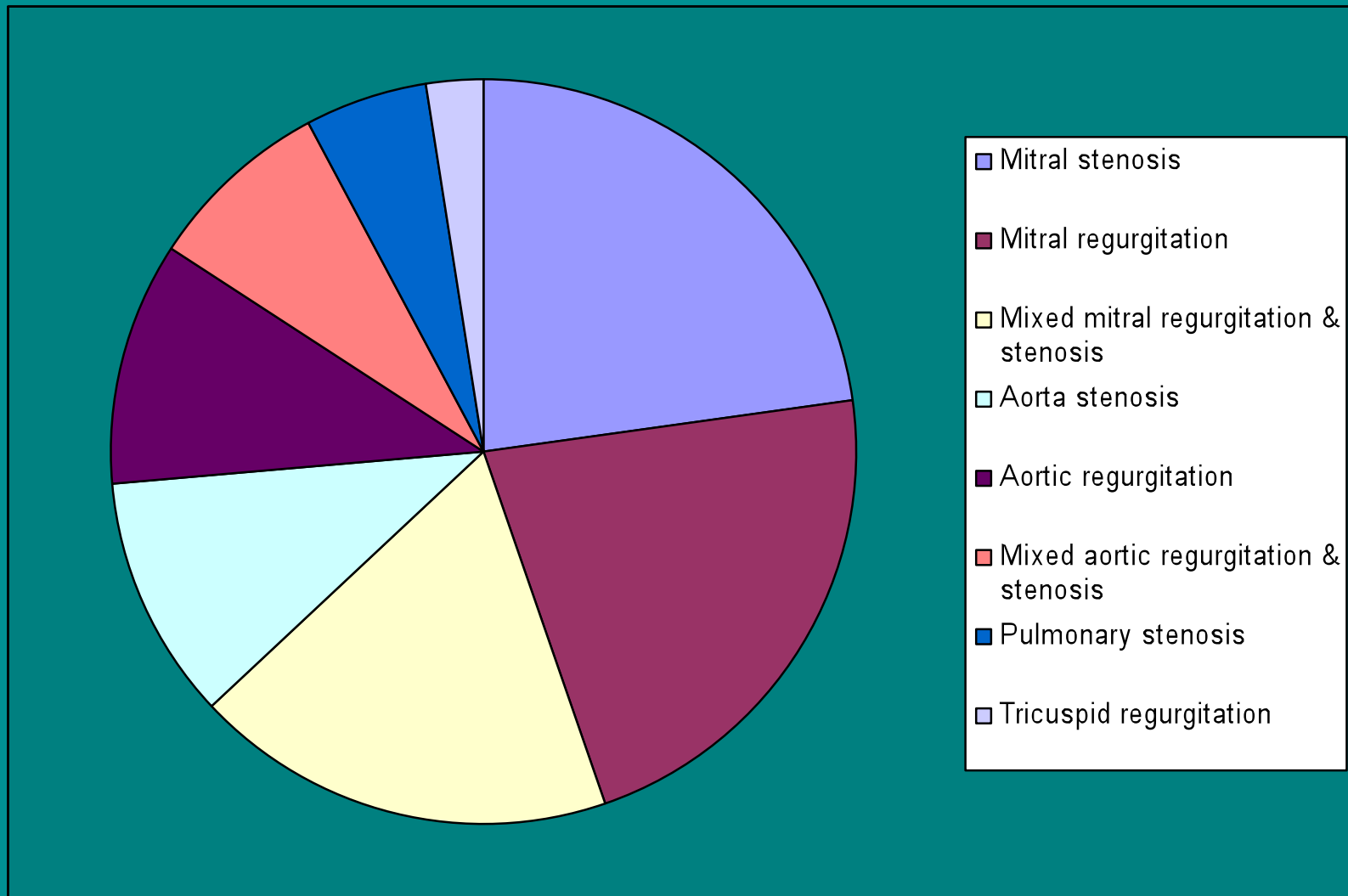
- Tetralogy 46
- Coarct 33
- Pul VD 32

- Ao Valve 29

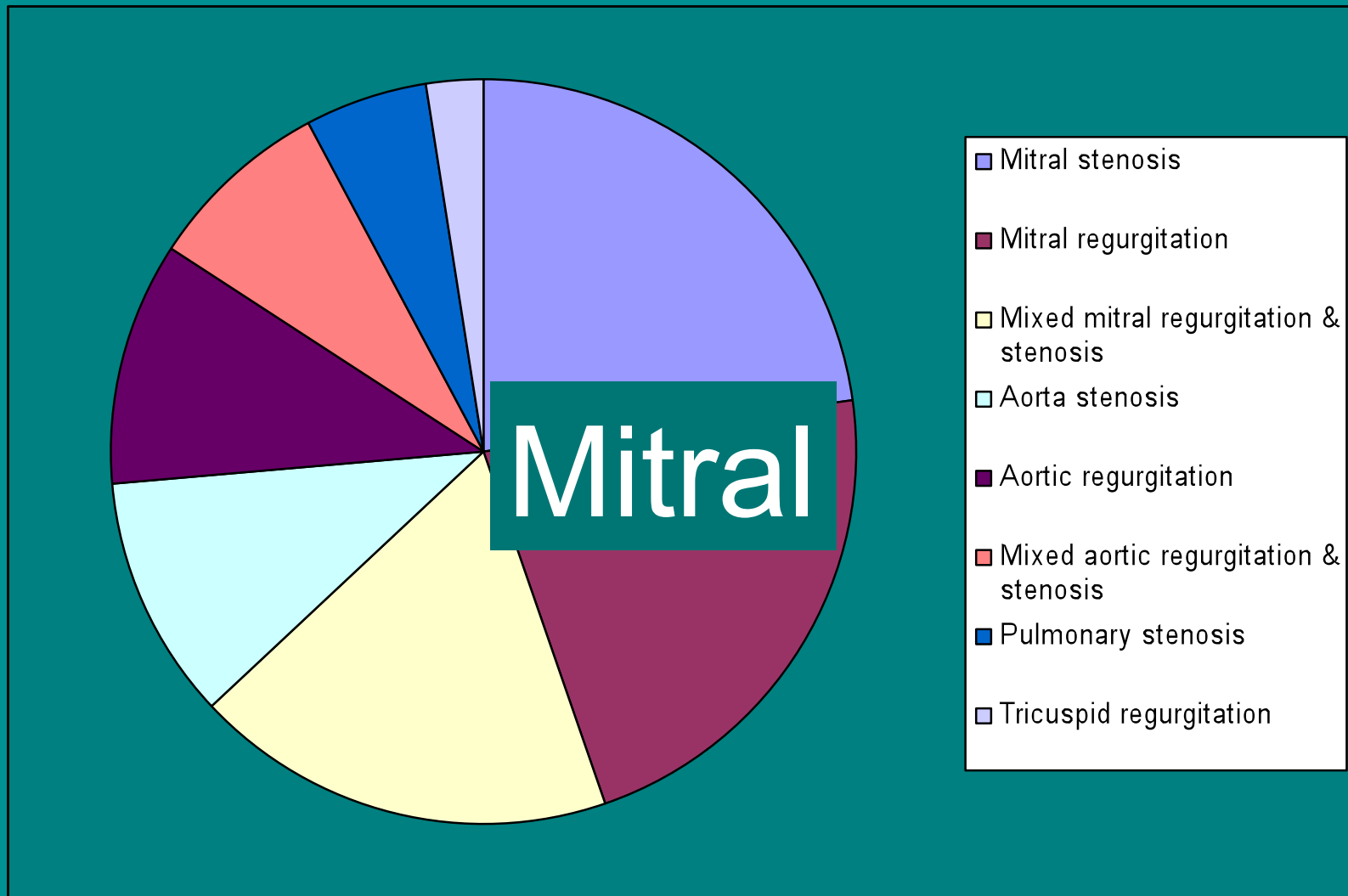
- TGA 20

- Marfans 8

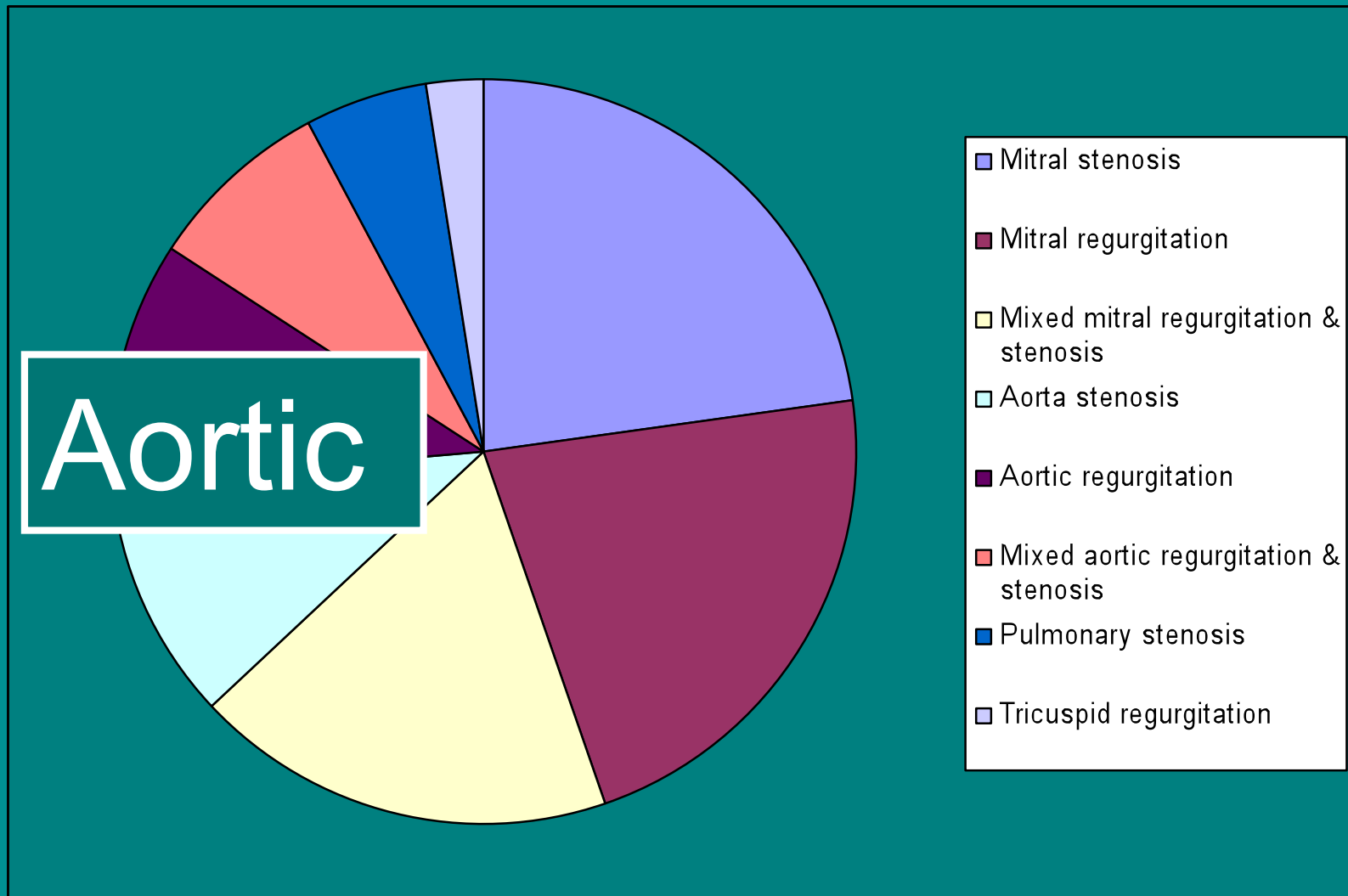
Valvular



Valvular



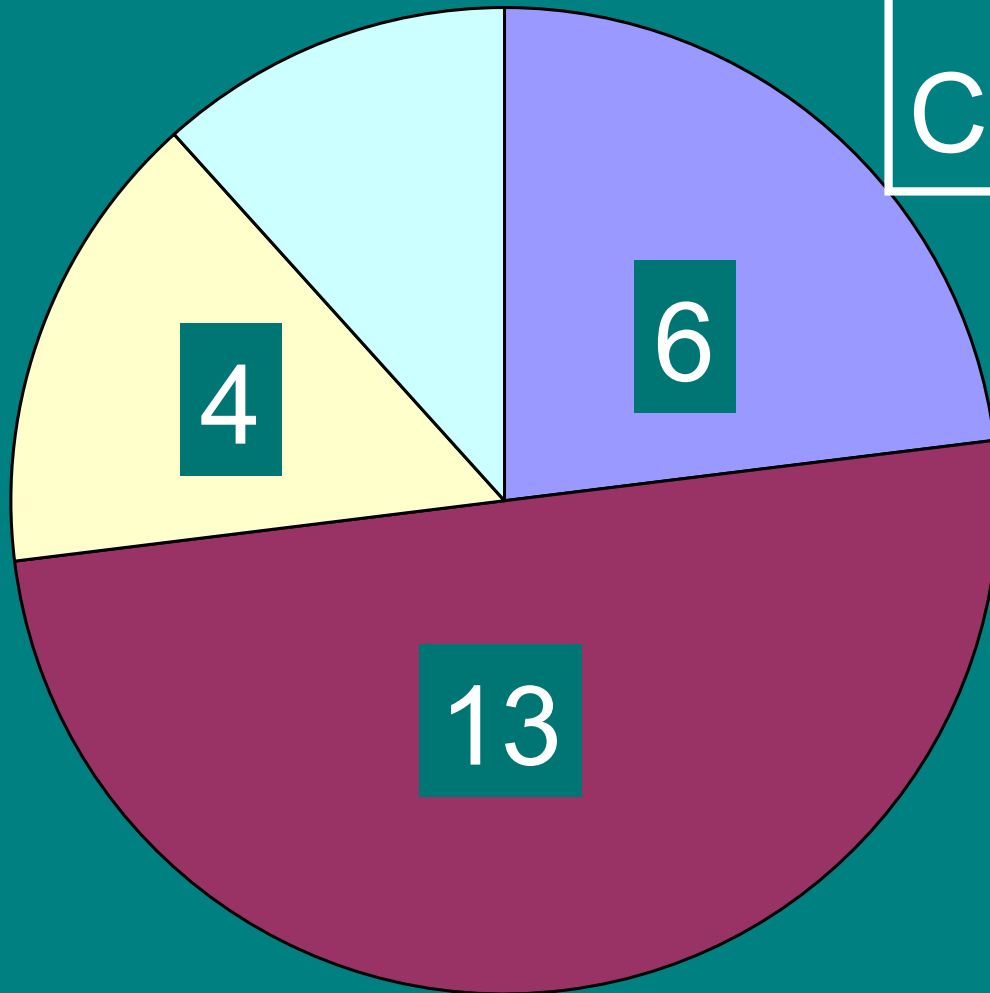
Valvular



Principal valve lesions

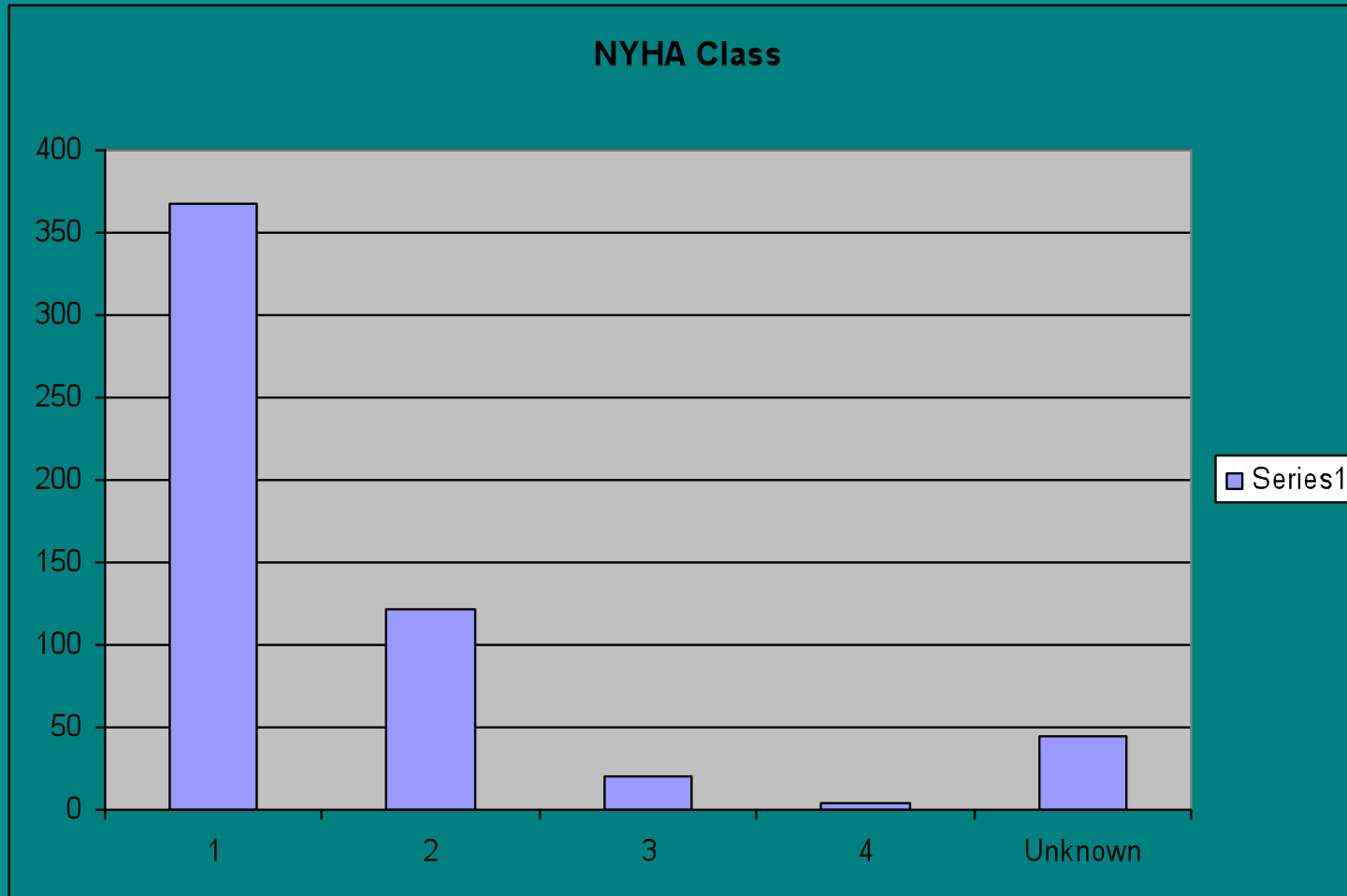
- Mitral **72**
 - MS 26
 - MR 25
 - Mixed 21
- Aortic **33** (and some at present classified as congenital)
 - AS 12
 - AR 12
 - Mixed 9

Cardiomyopathy



- Dilated cardiomyopathy
- Hypertrophic cardiomyopathy non-obstructive
- Previous post partum cardiomyopathy/myocarditis
- rest

NYHA



We need more centres

- Please go to ESC website

www.escardio.org to sign up

You can still use your own data



We need

YOU"