



Patient data : name-adress-country

Date of admission :

...../...../.....

Date of operation

...../...../.....

Date of discharge/death

...../...../.....

BACTS Atrial Fibrillation Management Database

PATIENT DATA

Date of Birth :/...../.....

Unique patient hospital ID number :

Gender : male female

Social security organism number : 3 digits or n/a for foreigners

INSZ/NISS number : (6-3-2 digits or n/a for foreigners)

SURGEON / EP CARDIOLOGIST

Surgeon : - - 140

Cardiologist: - - 730

PROCEDURAL DATA

CLINICAL DATA

Last preoperative ECG : sinus rhythm atrial fibrillation atrial flutter
 atrial tachycardia atrial premature beats other

Atrial fibrillation type: Paroxysmal persistent longstanding persistent permanent

First Afib episode:/..... (month/year)

Aetiology: Rheumatic ischaemic dilated non ischaemic hypertrophic hypertensive
 Hypertrophic idiopathic congestive heart failure unknown

Symptomatic: No Yes

Main Complaints or symptoms: palpitations dyspnoea dizziness syncope
 heart failure thromboembolic event angina none

Previous thromboembolic event: No Yes

Preoperative atrial fibrillation therapy

Beta- Blockers: No Yes

Vitamin K antagonists: No Yes

Calcium Antagonists: No Yes

Anti-aggregants : No Yes

Amiodarone/dronedarone: No Yes

Thrombolytic inhibitors: No Yes

Sotalol: No Yes

Cardioversion: No Yes

Other class III drugs: No Yes

Pacemaker: No Yes

Class I drug: No Yes

Catheter His bundle ablation: No Yes

Digoxin : No Yes

Catheter atrial fibrillation ablation: No Yes

Closed chest surgical ablation: No Yes

PREOPERATIVE ECHOGRAPHIC EVALUATION

Ejection fraction value (%) :

EF rhythm(during measurement): Sinus rhythm atrial fibrillation

Left atrial diameter: mm (parasternal long axis view) (max 65 mm)

LVEDD: mm LVESD: mm

Mitral insufficiency: none grade I grade II grade III grade IV

CARDIAC SURGERY

Primary disease: mitral aortic tricuspid pulmonary
 coronary HOCM ventricular aneurysm other

Date of surgery :/...../.....

Incision type : sternotomy thoracotomy thoracoscopy

Type of surgery: mitral valve repair mitral valve replacement aortic valve repair
 aortic valve replacement tricuspid valve repair tricuspid valve replacement
 bypass surgery bentall ASD closure
 ascending aortic aneurysm SVR other

Number of grafts

RIZIV / INAMI code: 229025 229526 229585 229600 229622 229644

Total operation duration : min

Total bypass time : min

Total cross clamp time : min

ABLATION PROCEDURE

Energy source: RF unipolar RF bipolar microwave cryo
 laser ultrasound thermocautery cut and sew
 other

Equipment manufacturer:

Atrium treated: right left both

PROCEDURE LEFT SIDE

Isolation LPV and RPV: No Yes (isolated two by two)

Complete posterior box : No Yes

Occlusion LAA: internal closure external closure resection n/a

Left isthmus ablation: No Yes

Epicardial coronary sinus isolation: No Yes

Bloc testing: No Yes

Bloc present: No Yes n/a

Other complementary lesions left: No Yes

Lesions left free text:

PROCEDURE RIGHT SIDE

Right ablation lines: No Yes (SVC, IVC, Intercaval line & RAA)

Right ablation and tricuspid line : No Yes (idem and tricuspid line)

Intercaval line: No Yes

Lateral free wall and tricuspid line: No Yes

Medial tricuspid line: No Yes

Exclusion RAA: No Yes

Bloc testing: No Yes

Other complementary lesions right: No Yes

Lesions right free text:

IN HOSPITAL POSTOPERATIVE RESULTS

Patient status: alive dead

Date of discharge:/...../.....

Ablation related complications: none bleeding block
 oesophageal injury coronary injury pulmonary stenosis
 pulmonary occlusion stroke peripheral embolism

ECG at discharge: sinus rhythm atrial fibrillation atrial flutter
 atrial tachycardia atrial extrasystoles

MEDICAL TREATMENT AT DISCHARGE

Beta- Blockers: No Yes **Vitamin K antagonists:** No Yes

Calcium Antagonists: No Yes **Anti-aggregants :** No Yes

Amiodarone/dronedarone: No Yes **Thrombolytic inhibitors:** No Yes

Sotalol: No Yes **Cardioversion:** No Yes

Other class III drugs: No Yes **Pacemaker:** No Yes

Class I drug: No Yes

Digoxin : No Yes

First follow up**PATIENT STATUS**

Patient status: alive dead lost to follow up

Date of follow-up:/...../.....

CLINICAL DATA AT FOLLOW-UP

Type of atrial fibrillation: paroxysmal persistent longstanding persistent permanent

Main Complaints or symptoms: palpitations dyspnoea dizziness syncope
 heart failure thromboembolic event angina none

Symptomatic: No Yes

Date of holter:/...../.....

Holter data: no arrhythmia isolated atrial premature beats runs of atrial tachycardia
 typical atrial flutter atypical atrial flutter paroxysmal atrial fibrillation
 persistent afib permanent afib other

New pacemaker: No Yes

Pulmonary vein stenosis: No Yes

Electrical cardioversion: No Yes

Additional AF procedure by EP: No Yes

ECHOCARDIOGRAPHIC EVALUATION

Ejection fraction value (%) :

EF rhythm(during measurement): Sinus rhythm atrial fibrillation

Presence of a-wave: No Yes

Left atrial diameter: mm (parasternal long axis view)

LVEDD: mm

Mitral insufficiency: none grade I grade II grade III grade IV

MEDICAL TREATMENT AFTER THIS FOLLOW-UP

Beta- Blockers: No Yes **Vitamin K antagonists:** No Yes

Calcium Antagonists: No Yes **Anti-aggregants :** No Yes

Amiodarone/dronedarone: No Yes **Thrombolytic inhibitors:** No Yes

Sotalol: No Yes **Catheter His bundle ablation:** No Yes

Other class III drugs: No Yes **Catheter atrial fibrillation ablation:** No Yes

Class I drug: No Yes **Pacemaker:** No Yes

Digoxin : No Yes

SECOND FOLLOW UP

PATIENT STATUS

Patient status: alive dead lost to follow up
 Date of follow-up:

CLINICAL DATA AT FOLLOW-UP

Type of atrial fibrillation: paroxysmal persistent longstanding persistent permanent
 Main Complaints or symptoms: palpitations dyspnea dizziness syncope
 heart failure thromboembolic event angina none
 Symptomatic: No Yes
 Date of holter:
 Holter data: no arrhythmia isolated atrial premature beats runs of atrial tachycardia
 typical atrial flutter atypical atrial flutter paroxysmal atrial fibrillation
 persistent afib permanent afib other
 New pacemaker: No Yes
 Pulmonary vein stenosis: No Yes
 Electrical cardioversion: No Yes
 Additional AF procedure by EP: No Yes

ECHOCARDIOGRAPHIC EVALUATION

Ejection fraction value (%):
 EF rhythm (during measurement): Sinus rhythm atrial fibrillation
 Presence of a-wave: No Yes
 Left atrial diameter: mm
 LVEDD: mm
 Mitral insufficiency: none grade I grade II grade III grade IV

MEDICAL TREATMENT AFTER THIS FOLLOW-UP

Beta-Blockers:	<input type="radio"/> No <input type="radio"/> Yes	Vitamin K antagonists:	<input type="radio"/> No <input type="radio"/> Yes
Calcium Antagonists:	<input type="radio"/> No <input type="radio"/> Yes	Anti-aggregants :	<input type="radio"/> No <input type="radio"/> Yes
Amiodarone/dronedaron:	<input type="radio"/> No <input type="radio"/> Yes	Thrombine inhibitors:	<input type="radio"/> No <input type="radio"/> Yes
Sotalol:	<input type="radio"/> No <input type="radio"/> Yes	Catheter His bundle ablation:	<input type="radio"/> No <input type="radio"/> Yes
Other class III drugs:	<input type="radio"/> No <input type="radio"/> Yes	Catheter atrial fibrillation ablation:	<input type="radio"/> No <input type="radio"/> Yes
Class I drug:	<input type="radio"/> No <input type="radio"/> Yes	Pacemaker:	<input type="radio"/> No <input type="radio"/> Yes
Digoxin :	<input type="radio"/> No <input type="radio"/> Yes		

PATIENT STATUS

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