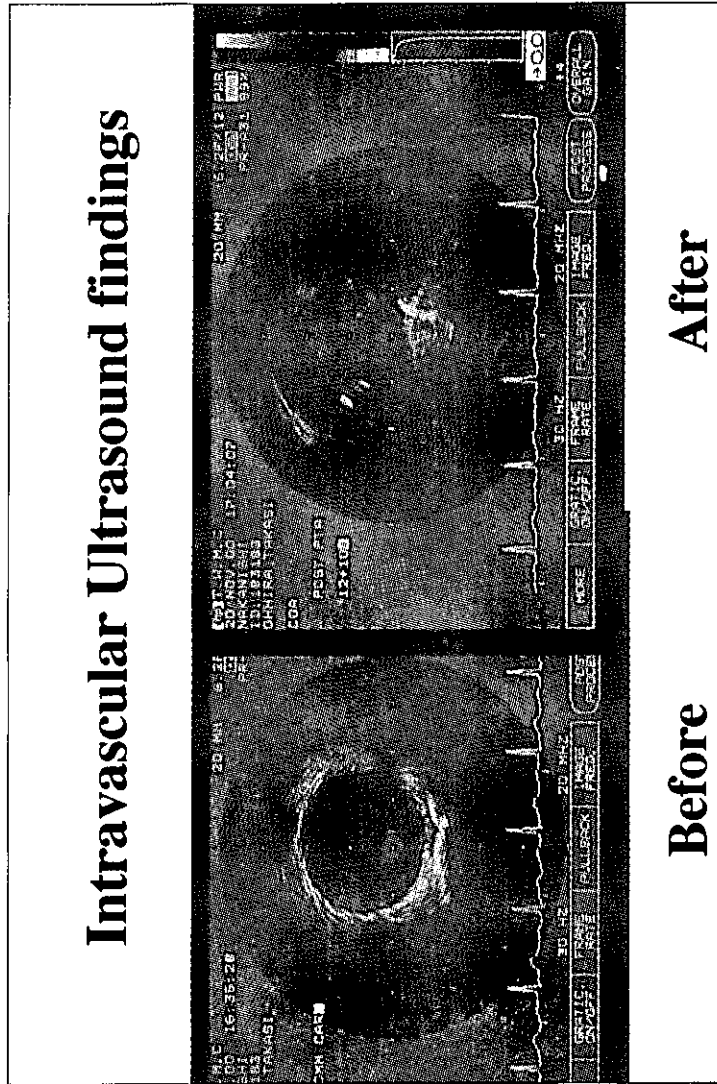


图 10

### Intravascular Ultrasound findings



Before

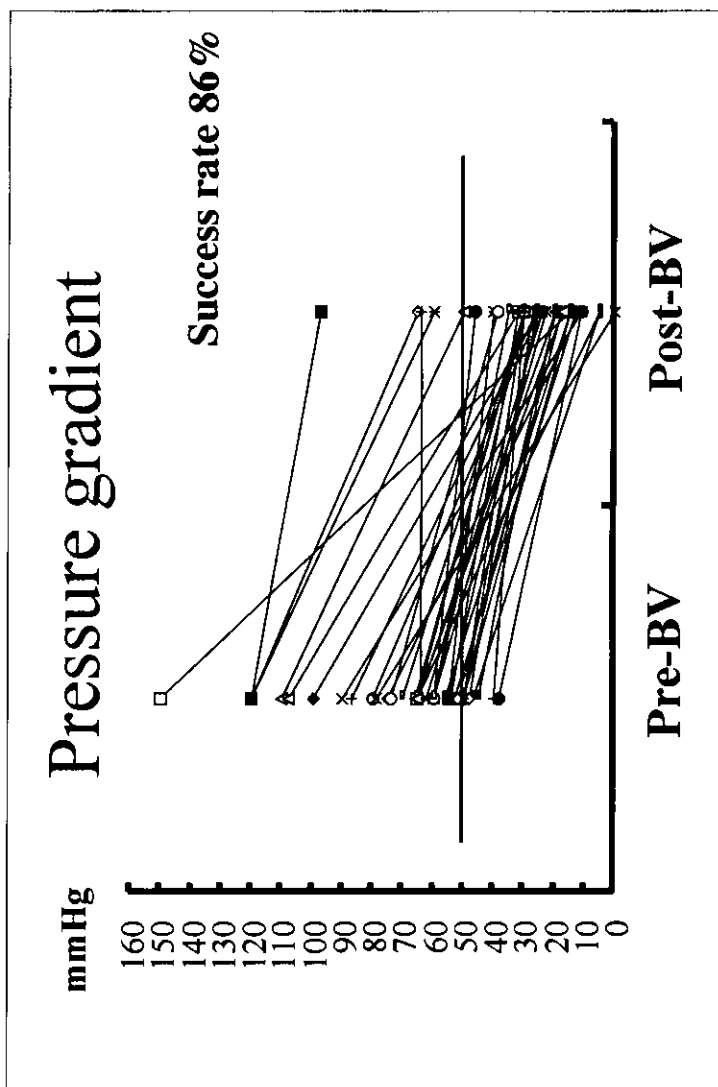
After

表 1

## Patient Profiles

Patient	CoA	Age at op (y)	Age at PTA (y)	Reason of PTA	Age at F/U (y)
1	Re-CoA	4	20	Hypertension	37
2	Re-CoA	0.2	29	Hypertension	36
3	Re-CoA	0.1	18	Hypertension	20
4	Re-CoA	0.5	18	Hypertension	20
5	Native		18	Hypertension	29
6	Native		21	Hypertension	25
7	Native		45	Hypertension	48

図 11



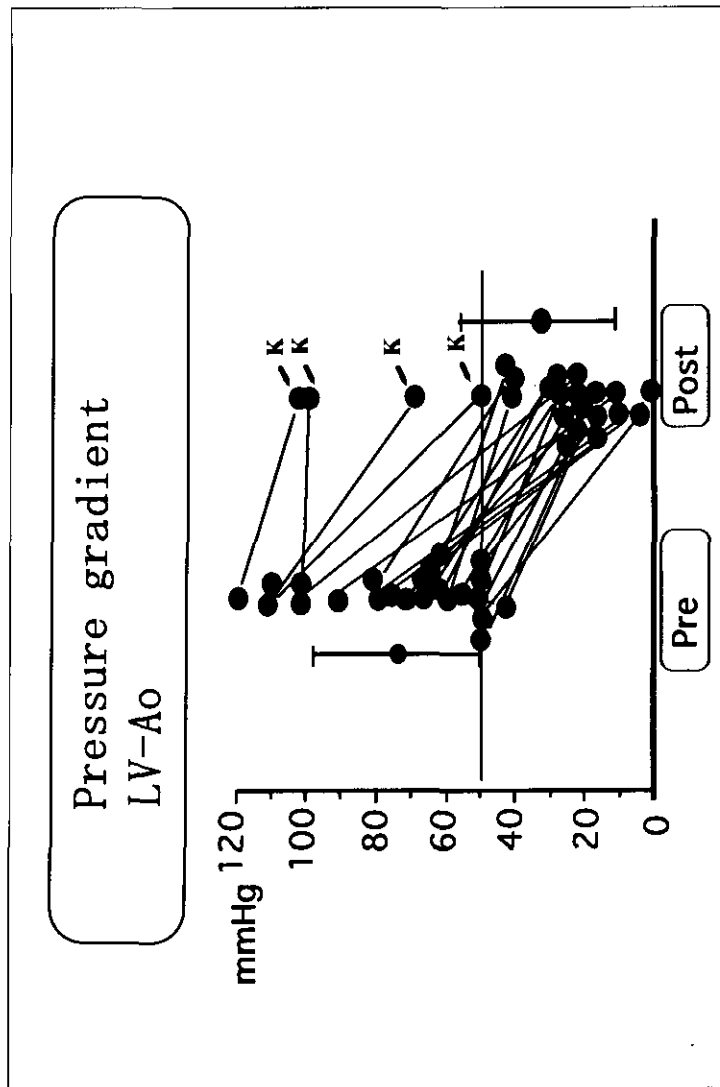
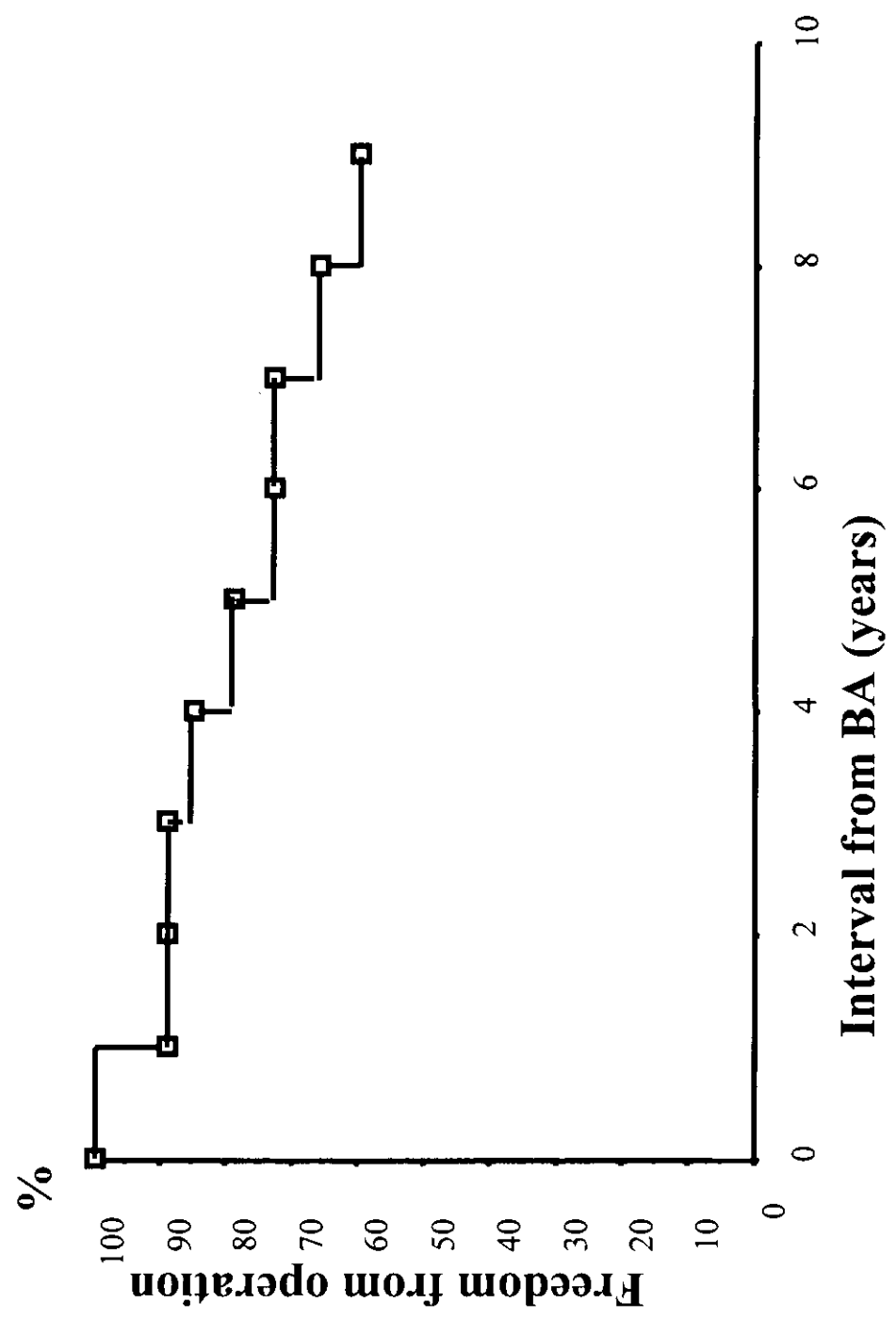


图 13 Freedom from operation after BV



# Surgery

---

- **Procedures (32% of pts)**

- Ross 5
- Ross-Konno 2
- Konno 5

- **Reason of surgery**

- AR 8 (21% of 37 pts)
- AS 3 (10% of 37 pts)
- ASR 1

## Complications

- Acute AR, requiring inotropy 1 (2%)
- Femoral artery occlusion 2 (5%)

☒ 16

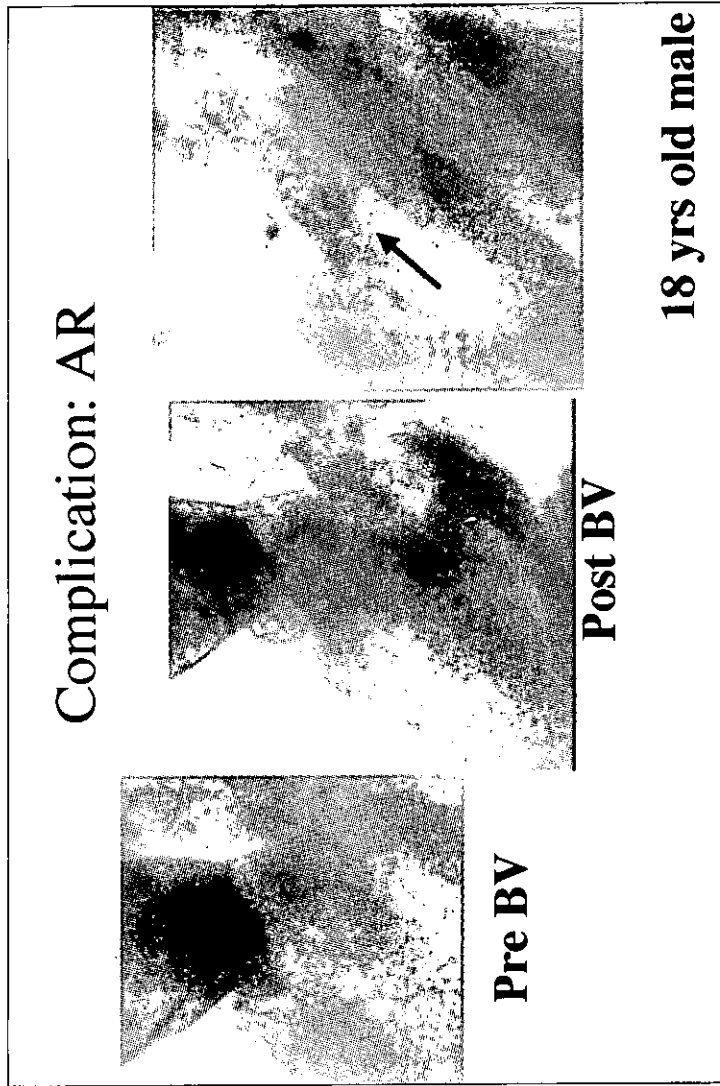




図 17

# AR after BV

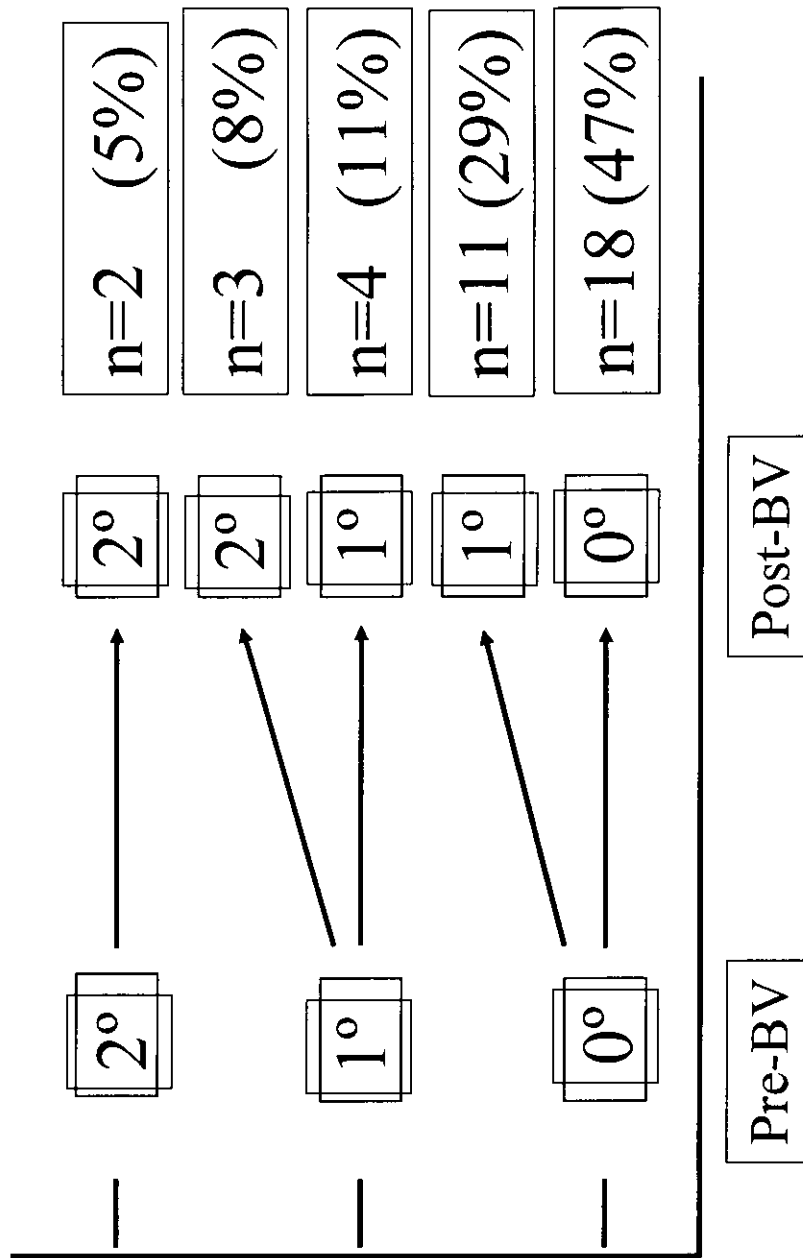
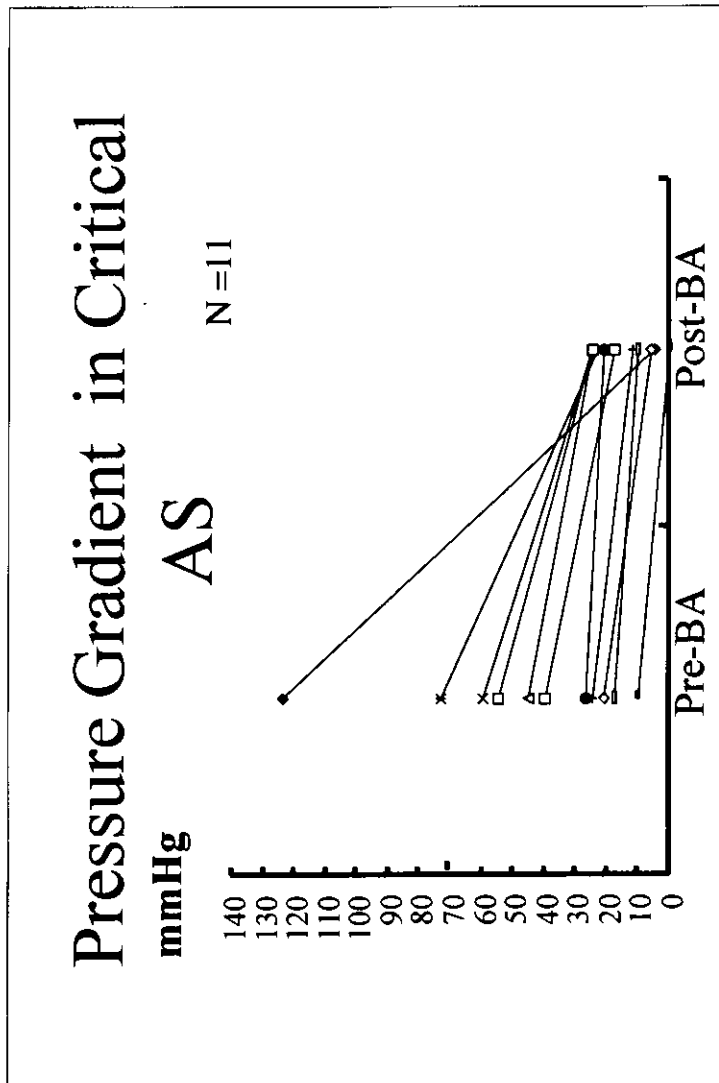


图 18



# Outcomes in 11 pts with critical AS

Case#	Outcome	PG (mmHg) at FU	Operation
1	FU	40 mmHg at 10y	
2	FU	20 mmHg at 8y	
3	FU	30 mmHg at 6y	
4	FU	40 mmHg at 4y	
5	AR (3°), FU		Ross op at 1y
6	AR (2°), FU		Ross op at 4y
7	Died after 4m (CHF)		
8	Died on day 1 (CHF)		
9	Died after 3m (CHF)		
10	Lost to FU		
11	Lost to FU		

図 20

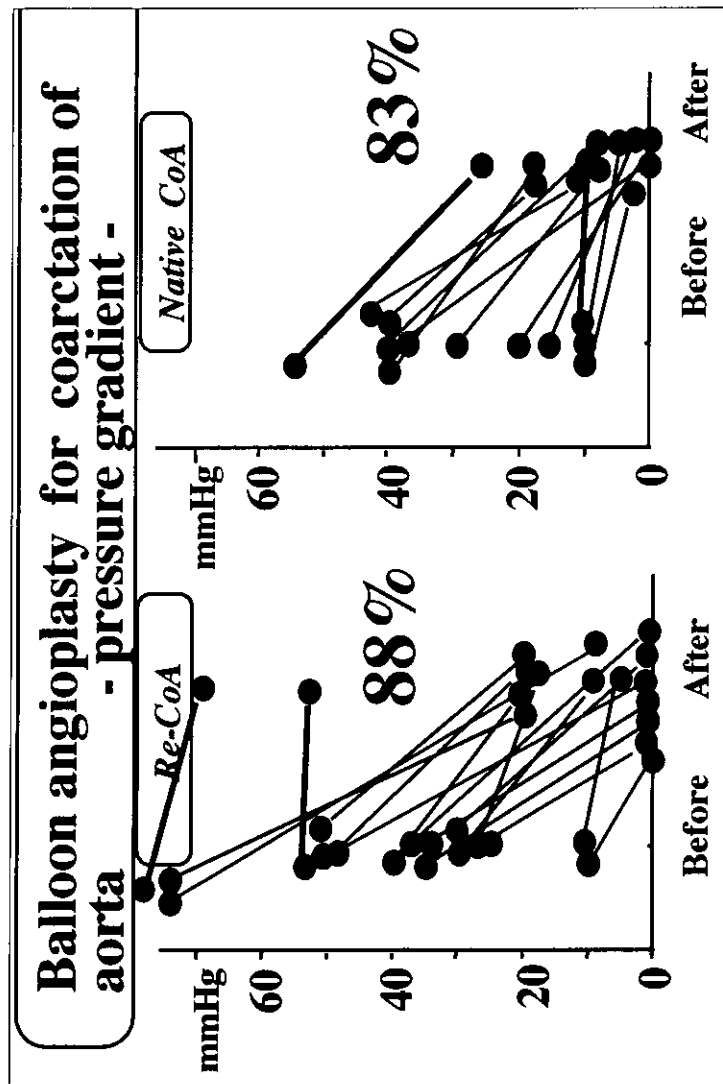


图 21

# Follow-up (26 ± 22 M)

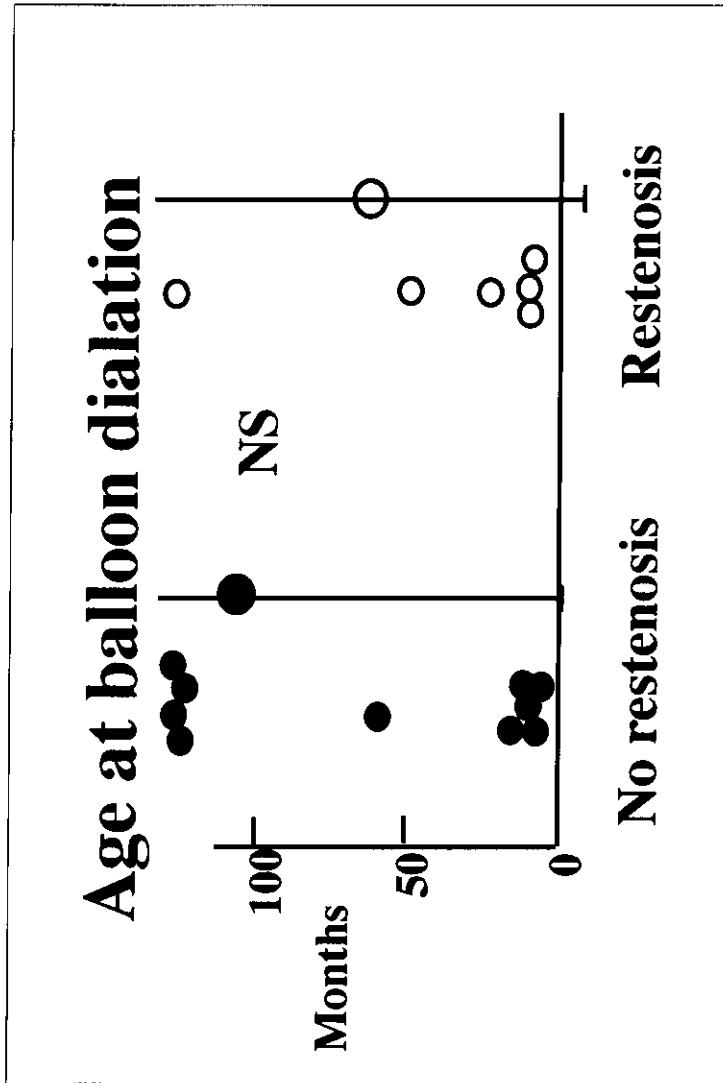
## Native CoA

Restenosis 3/6

## Re CoA after surgery

Restenosis 3/10

Restenosis 6/16 38%



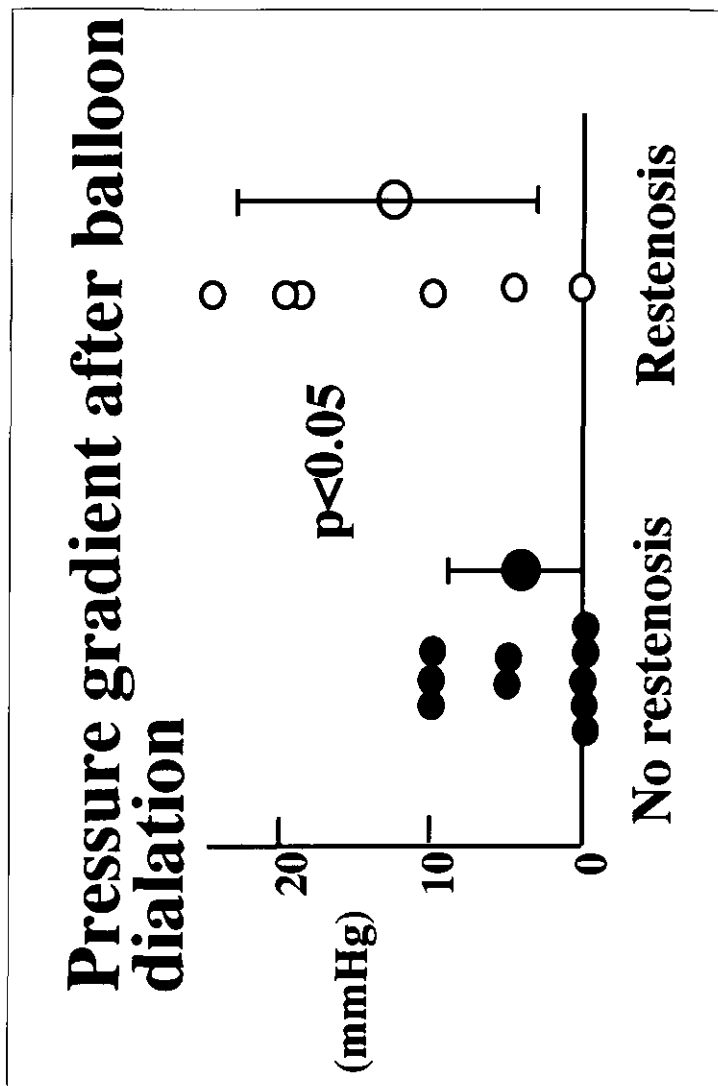


图 24

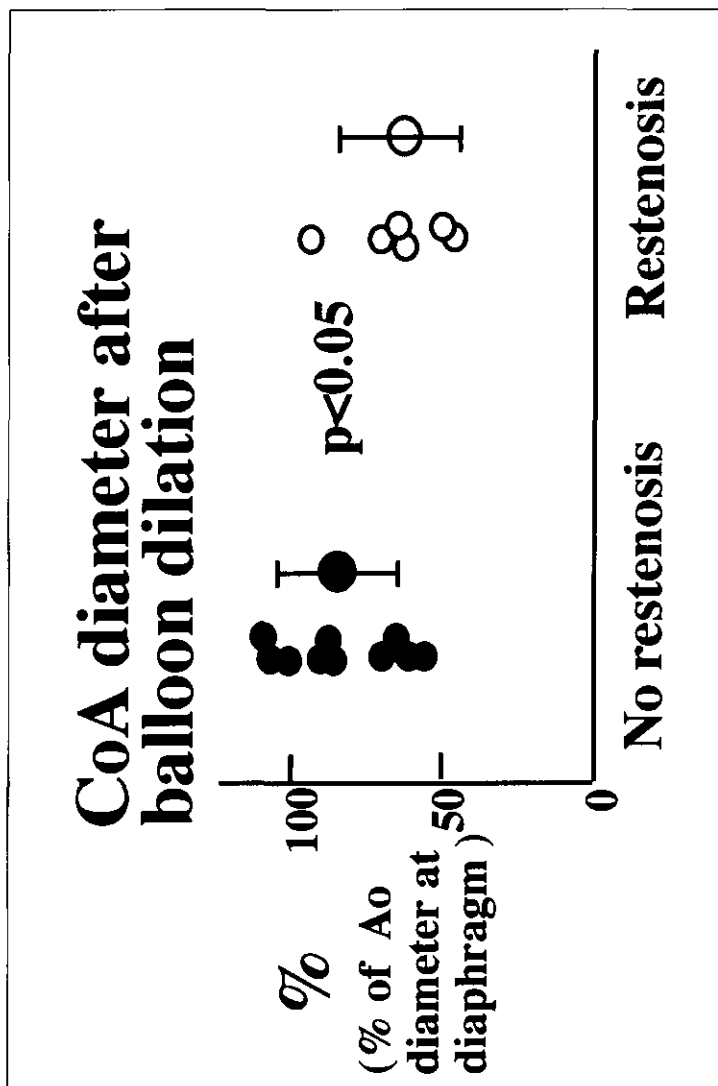
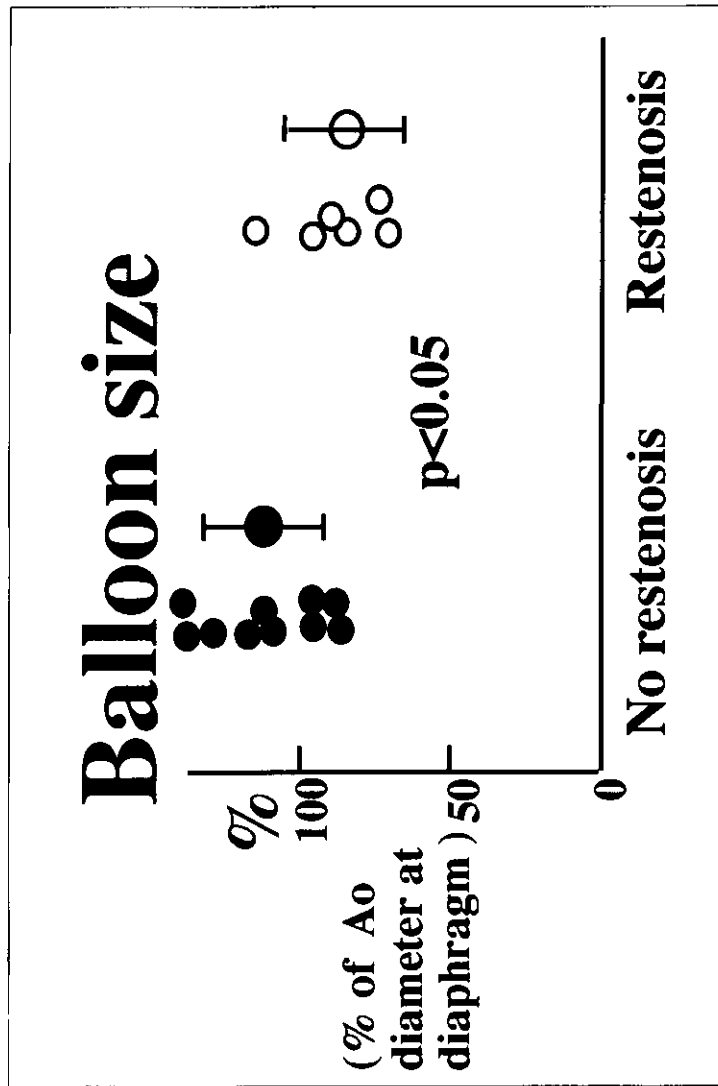
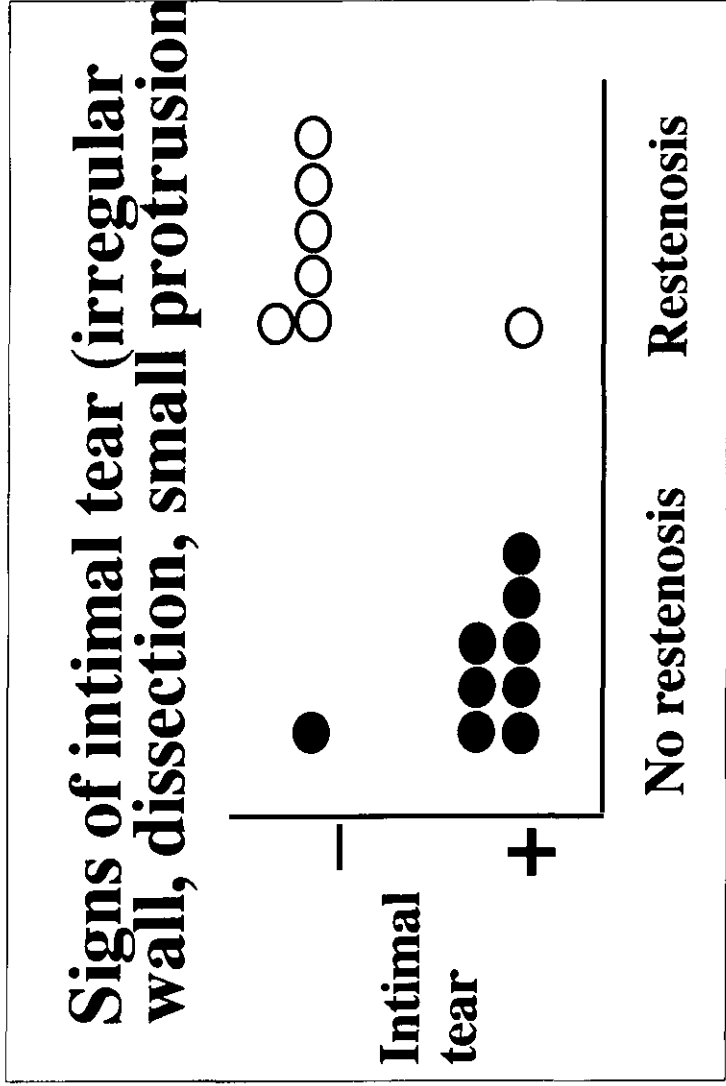




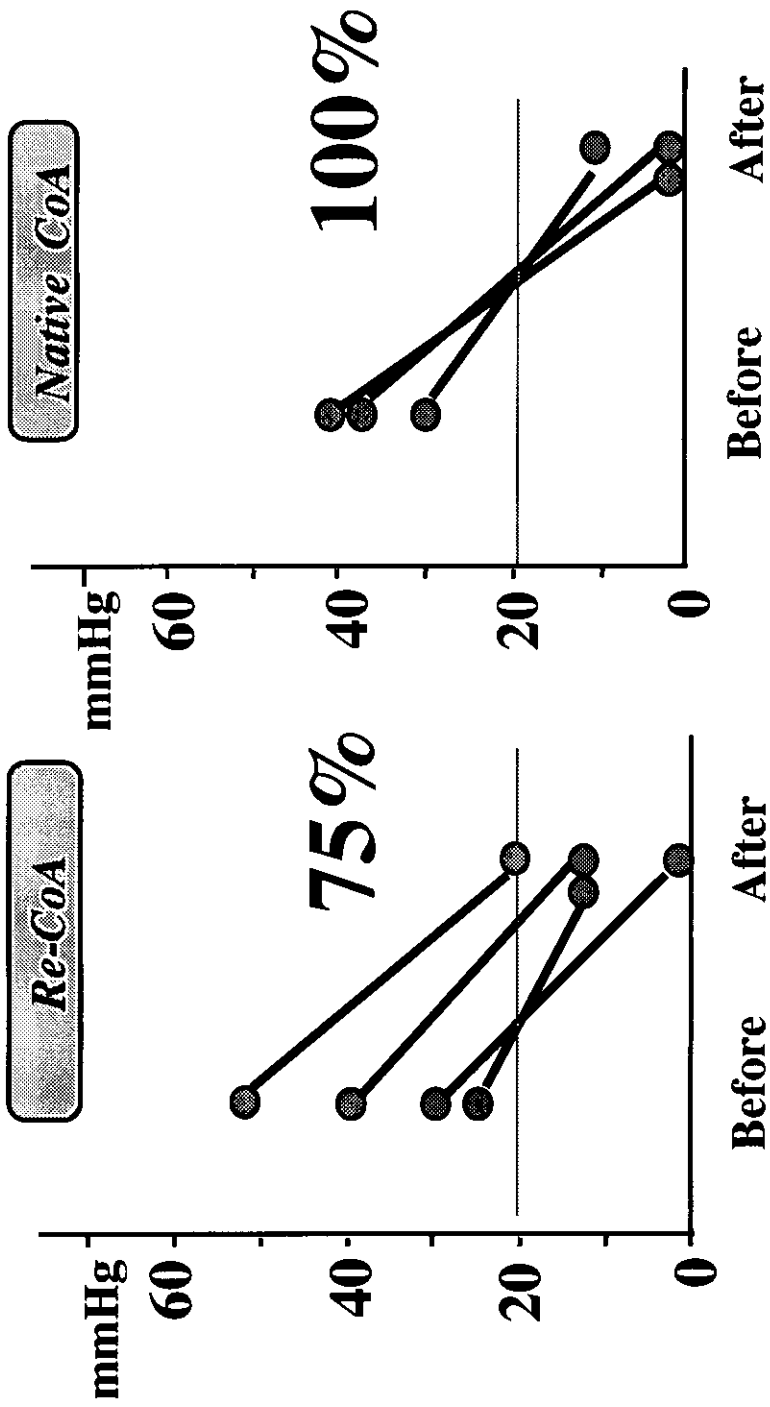
図 25



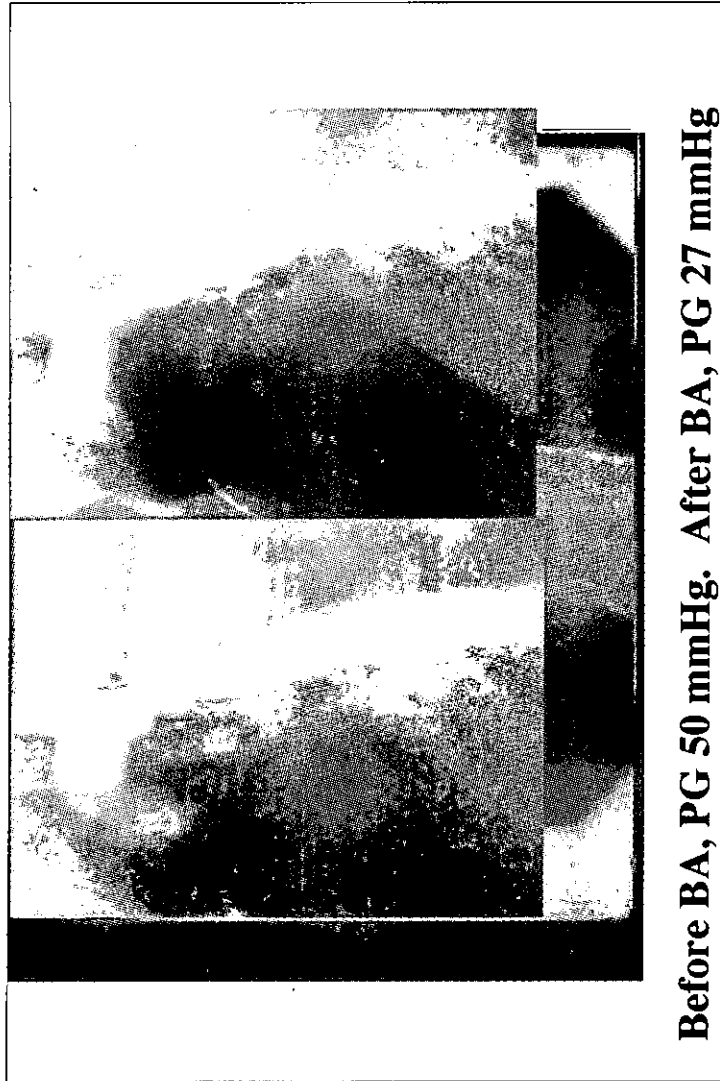


# Pressure gradient

☒ 27



☒ 28



**Before BA, PG 50 mmHg. After BA, PG 27 mmHg**