

# TYSHAK II®

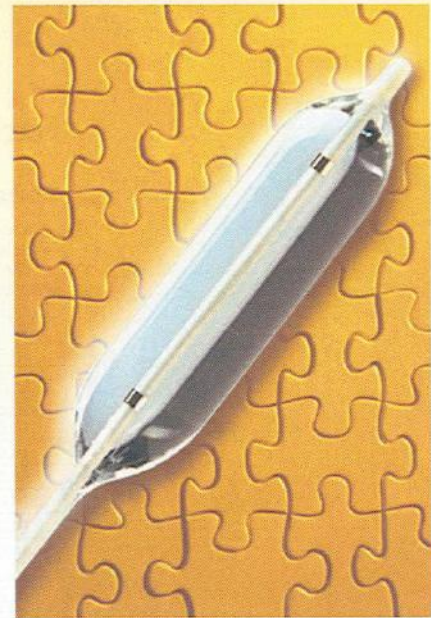
## Percutaneous Transluminal Valvuloplasty Catheter

### Catheter Characteristics

The TYSHAK II® catheter is a coaxially constructed catheter with a distally mounted non-compliant balloon. The catheter exhibits an extremely low profile that allows the interventionalist to use the smallest introducer possible. Due to the coaxial construction, the catheter inflates and deflates extremely fast. The TYSHAK II® catheter provides smaller introducers and in some cases slightly lower burst pressures than the TYSHAK®.

### Super Thin Balloon

The TYSHAK II® PTV balloon is super thin for a low deflated profile that maintains tip flexibility. The exceptionally low profile balloon requires the smallest introducer possible. Nominal dimensions are maintained over the entire length of the balloon.



### Tyshak II® Specifications

Balloon Diameter (MM)	Balloon Length (CM)	Introducer Size (FR)	Shaft Size (FR)	Usable Length (CM)	Guide Wire (Inches)	Rated Burst (ATM)	*Nominal Pressure (ATM)	Catalog No.
4.0	2.0	4	4	70	0.021	6	4.5	PDC500
4.0	2.0	4	4	100	0.021	6	4.5	SN003
5.0	2.0	4	4	70	0.021	6	4.5	PDC501
5.0	2.0	4	4	100	0.021	6	4.5	SN004
5.0	3.0	4	4	70	0.021	6	4.5	SO020
6.0	2.0	4	4	70	0.021	4	3.5	PDC502
6.0	2.0	4	4	100	0.021	4	3.5	SN005
6.0	3.0	4	4	70	0.021	4	3.5	SO021
7.0	2.0	4	4	70	0.021	4	3.5	PDC503
7.0	2.0	4	4	100	0.021	4	3.5	SN006
7.0	3.0	4	4	70	0.021	4	3.5	PDC509
7.0	3.0	4	4	100	0.021	4	3.5	SN010
8.0	2.0	4	4	70	0.021	4	3.5	PDC504
8.0	2.0	4	4	100	0.021	4	3.5	SN007
8.0	3.0	4	4	70	0.021	4	3.5	PDC510
8.0	3.0	4	4	100	0.021	4	3.5	SN011
8.0	4.0	4	4	70	0.021	4	3.5	SO029
8.0	5.0	4	4	70	0.021	4	3.5	SO032
8.0	6.0	4	4	70	0.021	4	3.5	SO030
9.0	2.0	5	5	90	0.025	3.5	3	SO007
9.0	3.0	5	5	90	0.025	3.5	3	PDC505
9.0	3.0	5	5	100	0.025	3.5	3	SN008
10.0	2.0	5	5	90	0.025	3.5	3	SO003
10.0	3.0	5	5	90	0.025	3.5	3	PDC506
10.0	3.0	5	5	100	0.025	3.5	3	SN009
10.0	4.0	5	5	90	0.025	3.5	3	SO001
10.0	5.0	5	5	90	0.025	3.5	3	SO031
10.0	6.0	6	6	100	0.025	3.5	3	SO009
11.0	2.0	5	5	90	0.025	3.5	3	SN11290
11.0	3.0	5	5	90	0.025	3.5	3	SO017
11.0	4.0	5	5	90	0.025	3.5	3	SO002
12.0	2.0	5	5	90	0.025	3.5	3	SO008
12.0	2.0	6	6	90	0.035	3.5	3	SO014
12.0	3.0	5	5	90	0.025	3.5	3	PDC507
12.0	4.0	6	6	90	0.035	3.5	3	PDC508

\* Pressure at which balloon will not exceed 10% of nominal size.

**Special Features:**  
4.0, 5.0, 6.0, 7.0 & 8.0 mm balloons through a four french introducer.

### Maximum Trackability

The distal shaft through the balloon is highly flexible for exceptional maneuverability. This combined with the pushability of the coaxial shaft provides outstanding tracking performance.

### Radiopaque marker

Platinum marker bands facilitate reliable positioning of the balloon.



NUMED offers Physicians speedy response to catheter design and manufacturing service. The enhanced catheter technology offers Physicians a technically superior option in dealing with clinical needs.

# TYSHAK II®

## Percutaneous Transluminal Valvuloplasty Catheter

### Specifications (cont'd)

Balloon Diameter (MM)	Balloon Length (CM)	Introducer Size (FR)	Shaft Size (FR)	Usable Length (CM)	Guide Wire (Inches)	Rated Burst (ATM)	*Nominal Pressure (ATM)	Catalog No.
12.0	5.0	5	5	90	0.025	3.5	3	SO033
12.0	6.0	6	6	90	0.035	3.5	3	SO004
13.0	2.0	6	6	100	0.035	3	2.5	SO035
13.0	3.0	6	6	100	0.035	3	2.5	SO036
13.0	4.0	6	6	100	0.035	3	2.5	SO034
13.0	5.0	6	6	100	0.035	3	2.5	SO069
14.0	2.0	7	7	100	0.035	3	2	SO018
14.0	3.0	7	7	100	0.035	3	2	PDC511
14.0	4.0	7	7	100	0.035	3	2	PDC512
14.0	5.0	7	7	100	0.035	3	2	PDC513
14.0	6.0	7	7	100	0.035	3	2	PDC514
15.0	3.0	7	7	100	0.035	3	2	PDC515
15.0	4.0	7	7	100	0.035	3	2	PDC516
15.0	5.0	7	7	100	0.035	3	2	PDC517
15.0	6.0	7	7	100	0.035	3	2	PDC518
16.0	2.0	7	7	100	0.035	2.5	2	SN002
16.0	3.0	7	7	100	0.035	2.5	2	PDC519
16.0	4.0	7	7	100	0.035	2.5	2	PDC520
16.0	5.0	7	7	100	0.035	2.5	2	PDC521
16.0	6.0	7	7	100	0.035	2.5	2	PDC522
17.0	3.0	7	7	100	0.035	2.5	2	PDC523
17.0	4.0	7	7	100	0.035	2.5	2	PDC524
17.0	5.0	7	7	100	0.035	2.5	2	PDC525
17.0	6.0	7	7	100	0.035	2.5	2	PDC526
18.0	3.0	8	8	100	0.035	2	1.5	PDC527
18.0	4.0	8	8	100	0.035	2	1.5	PDC528
18.0	5.0	8	8	100	0.035	2	1.5	PDC529
18.0	6.0	8	8	100	0.035	2	1.5	PDC530
20.0	2.0	8	8	100	0.035	2	1.5	SN001
20.0	3.0	8	8	100	0.035	2	1.5	PDC531
20.0	4.0	8	8	100	0.035	2	1.5	PDC532
20.0	5.0	8	8	100	0.035	2	1.5	PDC533
20.0	6.0	8	8	100	0.035	2	1.5	PDC534
22.0	2.0	8	8	100	0.035	2	1.5	SN013
22.0	3.0	8	8	100	0.035	2	1.5	PDC535
22.0	4.0	8	8	100	0.035	2	1.5	PDC536
22.0	5.0	8	8	100	0.035	2	1.5	PDC537
22.0	6.0	8	8	100	0.035	2	1.5	PDC538
23.0	3.0	9	9	100	0.035	2	1.5	PDC539
23.0	4.0	9	9	100	0.035	2	1.5	PDC540
23.0	5.0	9	9	100	0.035	2	1.5	PDC541
23.0	6.0	9	9	100	0.035	2	1.5	PDC542
25.0	3.0	9	9	100	0.035	1.5	1	PDC543
25.0	4.0	9	9	100	0.035	1.5	1	PDC544
25.0	5.0	9	9	100	0.035	1.5	1	PDC545
25.0	6.0	9	9	100	0.035	1.5	1	PDC546
30.0	3.0	10	9	100	0.035	1.5	1	PDC547
30.0	4.0	10	9	100	0.035	1.5	1	PDC548
30.0	5.0	10	9	100	0.035	1.5	1	PDC549
30.0	6.0	10	9	100	0.035	1.5	1	PDC550

\* Pressure at which balloon will not exceed 10% of nominal size.

**Special Features:**  
9.0, 10.0, 11.0,  
12.0 & 13.0 mm  
through a five  
or six french  
introducer.

*Developed in  
conjunction with  
Dr. Tynan and  
Dr. Qureshi*

### Materials

**Catheter Body:** Polymeric.  
**Balloon:** Non-Compliant  
Thermoplastic Elastomer.  
**Image Band:** Platinum Iridium.



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