

# 32. Diagnostiniai kateteriai

**RAIFORDUS**  
**Optitorque AND Outlook**  
Angiographic Catheters

**PRODUCT SPECIFICATIONS**  
Raifordus Optitorque

Size	ID	Flow rate	Pressure limit
4Fr	1.03 mm	19 ml/sec	700 psi
5Fr	1.27 mm	37 ml/sec	1000 psi
6Fr	1.51 mm	55 ml/sec	1000 psi

Size	ID	Flow rate	Pressure limit
4Fr	1.03 mm	23 ml/sec	1300 psi
5Fr	1.27 mm	37 ml/sec	1000 psi
6Fr	1.51 mm	55 ml/sec	1000 psi

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6Fr	1.51 mm	55 ml/sec	1000 psi

Terumo catheter code	SUPERPOSE OPTIFORSE CATH				OUTLOOK CATH				
	Shape name	Size (mm)	Length (cm)	Flow rate (ml/sec)	Pressure limit (psi)	Shape name	Size (mm)	Length (cm)	Flow rate (ml/sec)
3011.0	3011.0	1.03	100	19	700	3011.0	1.03	100	23
3011.1	3011.1	1.03	120	19	700	3011.1	1.03	120	23
3011.2	3011.2	1.03	140	19	700	3011.2	1.03	140	23
3011.3	3011.3	1.03	160	19	700	3011.3	1.03	160	23
3011.4	3011.4	1.03	180	19	700	3011.4	1.03	180	23
3011.5	3011.5	1.03	200	19	700	3011.5	1.03	200	23
3011.6	3011.6	1.03	220	19	700	3011.6	1.03	220	23
3011.7	3011.7	1.03	240	19	700	3011.7	1.03	240	23
3011.8	3011.8	1.03	260	19	700	3011.8	1.03	260	23
3011.9	3011.9	1.03	280	19	700	3011.9	1.03	280	23
3011.10	3011.10	1.03	300	19	700	3011.10	1.03	300	23
3011.11	3011.11	1.03	320	19	700	3011.11	1.03	320	23
3011.12	3011.12	1.03	340	19	700	3011.12	1.03	340	23
3011.13	3011.13	1.03	360	19	700	3011.13	1.03	360	23
3011.14	3011.14	1.03	380	19	700	3011.14	1.03	380	23
3011.15	3011.15	1.03	400	19	700	3011.15	1.03	400	23
3011.16	3011.16	1.03	420	19	700	3011.16	1.03	420	23
3011.17	3011.17	1.03	440	19	700	3011.17	1.03	440	23
3011.18	3011.18	1.03	460	19	700	3011.18	1.03	460	23
3011.19	3011.19	1.03	480	19	700	3011.19	1.03	480	23
3011.20	3011.20	1.03	500	19	700	3011.20	1.03	500	23
3011.21	3011.21	1.03	520	19	700	3011.21	1.03	520	23
3011.22	3011.22	1.03	540	19	700	3011.22	1.03	540	23
3011.23	3011.23	1.03	560	19	700	3011.23	1.03	560	23
3011.24	3011.24	1.03	580	19	700	3011.24	1.03	580	23
3011.25	3011.25	1.03	600	19	700	3011.25	1.03	600	23
3011.26	3011.26	1.03	620	19	700	3011.26	1.03	620	23
3011.27	3011.27	1.03	640	19	700	3011.27	1.03	640	23
3011.28	3011.28	1.03	660	19	700	3011.28	1.03	660	23
3011.29	3011.29	1.03	680	19	700	3011.29	1.03	680	23
3011.30	3011.30	1.03	700	19	700	3011.30	1.03	700	23
3011.31	3011.31	1.03	720	19	700	3011.31	1.03	720	23
3011.32	3011.32	1.03	740	19	700	3011.32	1.03	740	23
3011.33	3011.33	1.03	760	19	700	3011.33	1.03	760	23
3011.34	3011.34	1.03	780	19	700	3011.34	1.03	780	23
3011.35	3011.35	1.03	800	19	700	3011.35	1.03	800	23
3011.36	3011.36	1.03	820	19	700	3011.36	1.03	820	23
3011.37	3011.37	1.03	840	19	700	3011.37	1.03	840	23
3011.38	3011.38	1.03	860	19	700	3011.38	1.03	860	23
3011.39	3011.39	1.03	880	19	700	3011.39	1.03	880	23
3011.40	3011.40	1.03	900	19	700	3011.40	1.03	900	23
3011.41	3011.41	1.03	920	19	700	3011.41	1.03	920	23
3011.42	3011.42	1.03	940	19	700	3011.42	1.03	940	23
3011.43	3011.43	1.03	960	19	700	3011.43	1.03	960	23
3011.44	3011.44	1.03	980	19	700	3011.44	1.03	980	23
3011.45	3011.45	1.03	1000	19	700	3011.45	1.03	1000	23
3011.46	3011.46	1.03	1020	19	700	3011.46	1.03	1020	23
3011.47	3011.47	1.03	1040	19	700	3011.47	1.03	1040	23
3011.48	3011.48	1.03	1060	19	700	3011.48	1.03	1060	23
3011.49	3011.49	1.03	1080	19	700	3011.49	1.03	1080	23
3011.50	3011.50	1.03	1100	19	700	3011.50	1.03	1100	23
3011.51	3011.51	1.03	1120	19	700	3011.51	1.03	1120	23
3011.52	3011.52	1.03	1140	19	700	3011.52	1.03	1140	23
3011.53	3011.53	1.03	1160	19	700	3011.53	1.03	1160	23
3011.54	3011.54	1.03	1180	19	700	3011.54	1.03	1180	23
3011.55	3011.55	1.03	1200	19	700	3011.55	1.03	1200	23
3011.56	3011.56	1.03	1220	19	700	3011.56	1.03	1220	23
3011.57	3011.57	1.03	1240	19	700	3011.57	1.03	1240	23
3011.58	3011.58	1.03	1260	19	700	3011.58	1.03	1260	23
3011.59	3011.59	1.03	1280	19	700	3011.59	1.03	1280	23
3011.60	3011.60	1.03	1300	19	700	3011.60	1.03	1300	23
3011.61	3011.61	1.03	1320	19	700	3011.61	1.03	1320	23
3011.62	3011.62	1.03	1340	19	700	3011.62	1.03	1340	23
3011.63	3011.63	1.03	1360	19	700	3011.63	1.03	1360	23
3011.64	3011.64	1.03	1380	19	700	3011.64	1.03	1380	23
3011.65	3011.65	1.03	1400	19	700	3011.65	1.03	1400	23
3011.66	3011.66	1.03	1420	19	700	3011.66	1.03	1420	23
3011.67	3011.67	1.03	1440	19	700	3011.67	1.03	1440	23
3011.68	3011.68	1.03	1460	19	700	3011.68	1.03	1460	23
3011.69	3011.69	1.03	1480	19	700	3011.69	1.03	1480	23
3011.70	3011.70	1.03	1500	19	700	3011.70	1.03	1500	23
3011.71	3011.71	1.03	1520	19	700	3011.71	1.03	1520	23
3011.72	3011.72	1.03	1540	19	700	3011.72	1.03	1540	23
3011.73	3011.73	1.03	1560	19	700	3011.73	1.03	1560	23
3011.74	3011.74	1.03	1580	19	700	3011.74	1.03	1580	23
3011.75	3011.75	1.03	1600	19	700	3011.75	1.03	1600	23
3011.76	3011.76	1.03	1620	19	700	3011.76	1.03	1620	23
3011.77	3011.77	1.03	1640	19	700	3011.77	1.03	1640	23
3011.78	3011.78	1.03	1660	19	700	3011.78	1.03	1660	23
3011.79	3011.79	1.03	1680	19	700	3011.79	1.03	1680	23
3011.80	3011.80	1.03	1700	19	700	3011.80	1.03	1700	23
3011.81	3011.81	1.03	1720	19	700	3011.81	1.03	1720	23
3011.82	3011.82	1.03	1740	19	700	3011.82	1.03	1740	23
3011.83	3011.83	1.03	1760	19	700	3011.83	1.03	1760	23
3011.84	3011.84	1.03	1780	19	700	3011.84	1.03	1780	23
3011.85	3011.85	1.03	1800	19	700	3011.85	1.03	1800	23
3011.86	3011.86	1.03	1820	19	700	3011.86	1.03	1820	23
3011.87	3011.87	1.03	1840	19	700	3011.87	1.03	1840	23
3011.88	3011.88	1.03	1860	19	700	3011.88	1.03	1860	23
3011.89	3011.89	1.03	1880	19	700	3011.89	1.03	1880	23
3011.90	3011.90	1.03	1900	19	700	3011.90	1.03	1900	23
3011.91	3011.91	1.03	1920	19	700	3011.91	1.03	1920	23
3011.92	3011.92	1.03	1940	19	700	3011.92	1.03	1940	23
3011.93	3011.93	1.03	1960	19	700	3011.93	1.03	1960	23
3011.94	3011.94	1.03	1980	19	700	3011.94	1.03	1980	23
3011.95	3011.95	1.03	2000	19	700	3011.95	1.03	2000	23
3011.96	3011.96	1.03	2020	19	700	3011.96	1.03	2020	23
3011.97	3011.97	1.03	2040	19	700	3011.97	1.03	2040	23
3011.98	3011.98	1.03	2060	19	700	3011.98	1.03	2060	23
3011.99	3011.99	1.03	2080	19	700	3011.99	1.03	2080	23

**RAMIFOCUS<sup>™</sup>**  
**Optitorque<sup>™</sup>**

A complete line of angiographic catheters, designed for easy manipulation.

✓ **Easy manipulation** 30.1.1, 30.1.2, 30.1.3

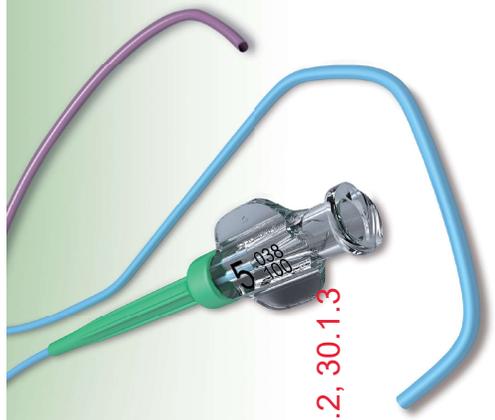
The double-braided stainless steel mesh technology provides good torque control (1:1) and catheter stability.

• **Reduced injection time**

The catheter's ultra-thin wall creates a large lumen thereby increasing flow of the contrast media and reducing injection time.

• **A full range of shapes**

Dedicated shapes for cardiology and peripheral procedures.



**Outlook<sup>™</sup>**

The dedicated 4 Fr Outlook catheter facilitates performance through a small diameter.

• **Smooth catheter engagement**

Double-braiding with variable pitch offers proximal support and increased flexibility at the distal end of the catheter, to promote a smooth catheter engagement in all kinds of anatomies.



• **High pressure limits**

The ultra-thin wall structure permits smaller outer and larger inner diameter enabling flow rates up to 23 ml/sec (saline), and a maximum pressure limit of 1200 psi/8274 kPa.



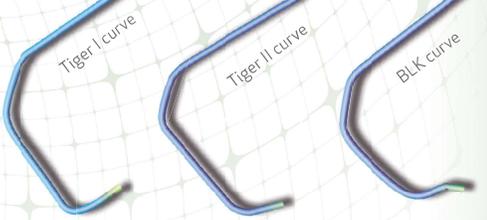
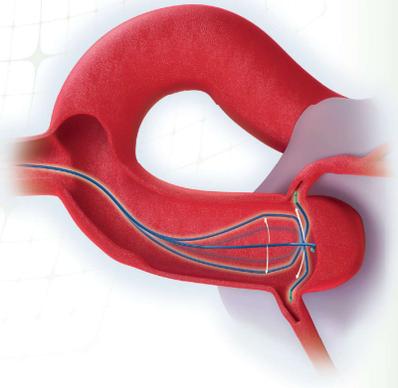
**OUR DEDICATION TO TRANSRADIAL PROCEDURES**

**Radial Shapes**

The Tiger and BLK curves enable angiography of right and left coronary arteries using either radial or brachial approach. The single catheter concept, eliminating the catheter exchange step, provides both procedural and cost efficiencies.

• **Single catheter concept for coronary interventions**

- Eliminates catheter exchange step.
- Shortens procedure and fluoroscopic time<sup>1</sup>.
- Engages with a simple clockwise rotation to enhance ease of use.



1. Seino-Yuki et al. 2005. Novel Diagnostic Catheter specifically designed for both coronary arteries via the right transradial approach. The International Journal of Cardiovascular Imaging. 2005; 10:0074.0514-005-9029-8. A prospective, randomized trial of Truino Tiger II vs. Cordis Judkin Catheters.