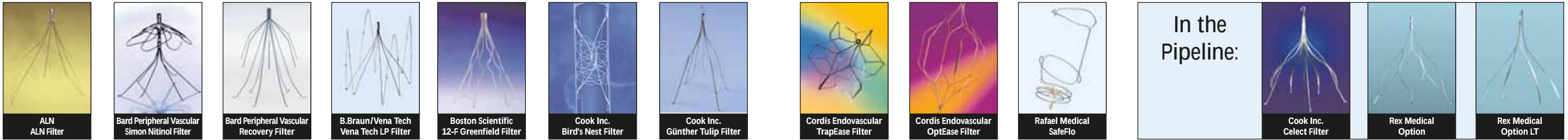


VENA CAVA FILTER DEVICE UPDATE



Company	Product	Indicated Caval Diameter (mm)*	Maximum Deployed Length (mm)	Catheter Carrier System I-D† (F)		Material	Design	Approach	Indicated Use	Approvals (FDA, CE)
ALN	ALN Filter	32	55	7		Stainless Steel	Conical	Jugular/Femoral/Brachial	Optional (Permanent or Temporary)	CE
Bard Peripheral Vascular	Simon Nitinol Filter	28	38	7		Nitinol	Bi-Level, Conical	Jugular/Femoral/Antecubital	Permanent	FDA/CE
	Recovery Filter	28	41	7		Nitinol	Bi-Level, Conical	Femoral	Optional (Permanent or Temporary)	FDA/CE
B.Braun/Vena Tech	Vena Tech LP Filter	FDA: 28 CE: 35	43	7		Phynox Wire	Conical	Jugular/Femoral	Permanent	FDA/CE
	Vena Tech LGM Filter	28	38	10		Phynox Plate	Conical	Jugular/Femoral	Permanent	FDA/CE
Boston Scientific	12-F Over-the-Wire Stainless Steel Greenfield Filter (SGF)	28	50	12		316L Surgical Stainless Steel	Conical	Jugular/Femoral	Permanent	FDA/CE
	Titanium Greenfield Filter (TGF)	28	50	12		Beta III Titanium Alloy	Conical	Jugular/Femoral	Permanent	FDA/CE
Cook Incorporated	Bird's Nest Filter	40	80	12		Biocompatible Stainless Steel	Varying Unique Design	Jugular/Femoral	Permanent	FDA/CE
	Günther Tulip Filter	30	50	Jugular: 7 Femoral: 8.5		Conichrome	Conical	Jugular/Femoral	Optional (Permanent or Temporary)	FDA/CE
Cordis Endovascular	TrapEase Filter	30	50	6		Nitinol	Double Basket	Jugular/Femoral/Antecubital	Permanent	FDA/CE
	OptEase Filter	30	54	6		Nitinol	Double Basket	Jugular/Femoral/Antecubital	Optional (Permanent or Temporary)	FDA/CE
Rafael Medical	SafeFlo	25‡	60	6		Nitinol	Double Ring Anchor and Spiral Filter Element	Jugular/Femoral	Optional	CE
In the Pipeline										
Cook Incorporated	Celect Filter	30	50	Jugular: 7 Femoral: 8.5		Conichrome	Conical	Jugular/Femoral	Optional (Permanent or Temporary)	Pending 510(k) Approval
Rex Medical	Option	32	50	5		Nitinol	Dome	Jugular/Femoral/Antecubital	Optional (Permanent or Temporary)	Targeted Q1 2005 510(k) Submission
	Option LT	30	50	5		Nitinol	Dome	Jugular/Femoral/Antecubital	Optional (Permanent or Temporary)	Targeted Q1 2005 510(k) Submission

*Based upon average caval diameter; †I-D = inner diameter; ‡circularized diameter.