

Comparison of Ahmed™ Glaucoma Valve with Other Drainage Devices

Product	Drainage Device	Surface Area	Valved/Non-Valved
Ahmed™ Glaucoma Valve	Model S3 Model S2 Bi-Plate	96mm ² 184mm ² 364mm ²	Valved Valved Valved
Baerveldt	BG 103-250 BG 101-350 BG 103-425	250mm ² 350mm ² 425mm ²	Non-Valved Non-Valved Non-Valved
Molteno	Single Plate Double Plate	135mm ² 270mm ²	Non-Valved Non-Valved

Type	Ahmed™ Glaucoma Valve	Baerveldt	Molteno
Success Rate (Lowering IOP)	95%	72%	60%
Visual Acuity (Improved or within one Snellen Line)	82%	62%	70%
Hypotony (Occurrence)	8%	26%	14.60%
Success Rate with Corneal Grafts	84.10%	54%	76%

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