

Important Numbers to Remember in Ophthalmology

	A	B	C	D
1	Subject	Condition	Information	%
2	Cornea	CL	Risk of bacterial keratitis daily wear CL	0.0%
3	Cornea	CL	Risk of bacterial keratitis extended wear CL (5X higher)	0.2%
4	Cornea	HSV	Risk of stromal keratitis with epithelial HSV	15.0%
5	Cornea	HSV	% general population with HSV keratitis	0.2%
6	Cornea	Scleritis	% cases diffuse	40.0%
7	Cornea	Scleritis	% cases nodular	44.0%
8	Cornea	Scleritis	% cases necrotizing with inflammation	10.0%
9	Cornea	Scleritis	% cases necrotizing without inflammation	4.0%
10	Cornea	Scleritis	% associated systemic disease with diffuse/nodular and necrot	33%-66%
11	Cornea	Scleritis	% Wegener's with scleritis	25.0%
12	Cornea	VZV	Risk of developing zoster in general population	20.0%
13	Glaucoma	Epidemiology	% African-American > 40 years with POAG	8.0%
14	Glaucoma	ACG	AACG in one eye chance of fellow eye attack	40-80%
15	Glaucoma	ALT	% with post ALT permanent pressure rise	3.0%
16	Glaucoma	ALT	Treatment success at one year. Attrition of 6-10% year	67-80%
17	Glaucoma	Epidemiology	% general population with OHT	4.0%
18	Glaucoma	Epidemiology	% of OHT that convert to POAG/year	1%/yr
19	Glaucoma	Epidemiology	% caucasians >40 years with POAG	2.0%
20	Glaucoma	Infantile	% of infantile glaucoma that is bilateral	80.0%
21	Glaucoma	Infantile	Parents unaffected chance of next child with glaucoma	5.0%
22	Glaucoma	Infantile	% of infantile glaucoma with family history	10.0%
23	Glaucoma	NTG	% of POAG with normal IOP	25.0%
24	Glaucoma	NVG	% cases with CRVO/DM/OIS	36-32-13%
25	Glaucoma	PXF	% of population with PXF	5.0%
26	Glaucoma	PXF	% of OAG with PXF	20-25%
27	Glaucoma	SWS	% with glaucoma with SWS	30.0%
28	Glaucoma	Trab	% endophthalmitis with inferior bleb	8.0%
29	Glaucoma	Trab	% with early post op endophthalmitis	0.3%
30	Glaucoma	Trab	% with late post op endophthalmitis	0.2-18%
31	Glaucoma	Trab	% with endophthalmitis with antimetabolite	5.6%
32	Neuro	AION	% fellow eye with non-arteritic	30.0%
33	Neuro	AION	% fellow eye with arteritic	75.0%
34	Neuro	Amaurosis	% visible embolus-death/stroke-perm visual loss	4-2-1%
35	Neuro	III palsy	% with microvascular III with pupil involvement	10-20%
36	Neuro	MG	% of MG presenting with eye findings	50.0%
37	Neuro	MG	% with Graves and MG	5.0%
38	Neuro	MG	% of pts with thymoma with MG	10.0%
39	Neuro	MS	% with MS with optic neuritis lifetime females vs. males	75-34%
40	Neuro	MS	ONTT recovery to <20/40 @ 1 year	93.0%
41	Neuro	MS	% MS develop optic neuritis > 4 plaques vs. no plaques	93-9%
42	Neuro	ONTT	Demographics of ONTT: women/pain	77.2/92.2%
43	Neuro	ONTT	Initial VA in ONTT: <20/20 and >CF	10.5/15.6%
44	Neuro	ONTT	VF defects found: classic cecocentral, central	8%
45	Neuro	ONTT	VF defects found: altitudinal, arcuate, nasal step	20%
46	Neuro	ONTT	VF defects found: generalized depression	48%
47	Neuro	ONTT	Optic disc swelling	35%
48	Neuro	ONTT	Risk of new attack of ON in affected or fellow eye with placebo/iv/oral	16/13/30%
49	Neuro	ONTT	Risk of MS within 2 years with 2 signal abnormalities placebo/iv/oral	36/16/32%
50	Neuro	Phakomatosis	% NF-1 with ONG	15.0%

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51	Neuro	Phakomatosis	% ONG with NF-1	10-50%
52	Neuro	Phakomatosis	% with astrocytic hamartoma with TS	30-50%
53	Neuro	Pupil	% Adie's that are bilateral	20.0%
54	Neuro	VII	% with VII that recover	84.0%
55	Pediatrics	cataracts	% of genral population with lens opacities	0.4%
56	Plastics	LGT	Fatality of malignant mixed	50.0%
57	Plastics	LGT	% recurrence of benign mixed LGT if capsule incised	32.0%
58	Plastics	TAO	% with Graves that get TAO	40.0%
59	Retina	ARMD	% of all ARMD CNVM that are classic	5-10%
60	Retina	ARMD	CNVM recurrence exta/juxta/subfoveal CNVM	54-76-51%
61	Retina	BRVO	Risk NV with major BRVO	22.0%
62	Retina	BRVO	% of BRVO's with 5DA of non perfusion that develop NV	22.0%
63	Retina	BRVO	NVI in BRVO	1.0%
64	Retina	BRVO	% of BRVO's with 5DA of non perfusion with NV tx'd developed VH	29.0%
65	Retina	BRVO	% with return of VA >20/40	50.0%
66	Retina	BRVO	BRVO one eye risk of second eye BRVO	9.0%
67	Retina	BRVO	% of BRVO's with 5DA of non perfusion with NV <i>not tx'd</i> developed VH	61.0%
68	Retina	CNV	Disciform scar one eye chance CNV in fellow eye	20.0%
69	Retina	CNV	Risk of CNV in high myopia	5-10%
70	Retina	CNV	Risk of CNV in fellow eye with histo CNV	20-25%
71	Retina	Coat's	% with bilateral Coat's	10-15%
72	Retina	Color	% of male/female general population with hereditary color blindness	8-0.5%
73	Retina	Color vision	Hereditary color blindness males/females	8/0.5%
74	Retina	CRAO	% of CRAO caused by GCA	1-2%
75	Retina	CRAO	Risk to fellow eye after one CRAO	1-2%
76	Retina	CRAO	% of CRAO with visible embolus	20.0%
77	Retina	CRAO	Incidence of CRAO	1/10000
78	Retina	CRAO	% with NVD	2.0%
79	Retina	CRAO	% CRAO with NVI	18.0%
80	Retina	CRAO	% with cardiac/carotid artery disease	10-30%
81	Retina	CRVO	Non ischemic CRVO that resolve/progreess/partial resolution	48-22-30%
82	Retina	CRVO	Risk of fellow eye in patient with CRVO (% in 2 years)	0.9%/yr (7%)
83	Retina	CRVO	% CRVO that are non ischemic	75-80%
84	Retina	CRVO	% CRVO that are ischemic	20-25%
85	Retina	CRVO	% Ischemic CRVO with any NV	67.0%
86	Retina	CRVO	% Ischemic CRVO with iris NV (in CRVOS of ischemic)	58% (37%)
87	Retina	CRVO	% Ischemic CRVO with ANV	47.0%
88	Retina	CRVO	% with VA >20/200 if ischemic	90.0%
89	Retina	CRVO	% Ischemic CRVO with NVG	33.0%
90	Retina	CRVO	% Ischemic CRVO with NVD/NVE	5-8%
91	Retina	CRVO	% Non ischemic CRVO with any NV	3.0%
92	Retina	CRVO	TC-INV/ANV early Tx vs no early Tx	22 vs 56%
93	Retina	CSR	Chance of recurrence with CSR	40-60%
94	Retina	CSR	Chance of spontaneous resolution with CSR	80-90%
95	Retina	Diabetic ret	Diabetic population with DR	25.0%
96	Retina	Diabetic ret	Diabetic population with PDR	5.0%
97	Retina	Diabetic ret	1 year risk of PDR/5 year risk of HRC if mod NPDR	20-33%
98	Retina	Diabetic ret	1 year risk of PDR/5 year risk of HRC if very severe NPDR	75-75%
99	Retina	Diabetic ret	% with DR after 20 years type 1/ type 2	99-60%
100	Retina	Diabetic ret	1 year risk of PDR/5 year risk of HRC if mild NPDR	5-15%

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101	Retina	Diabetic ret	1 year risk of PDR/5 year risk of HRC if severe NPDR	52-60%
102	Retina	Diabetic ret	1 year risk of PDR/5 year risk of HRC if non HR PDR	75%
103	Retina	DR/PRP	Visual loss post PRP	11%
104	Retina	DR/PRP	VF loss post PRP	5%
105	Retina	ERM	Risk of ERM bilateral	20.0%
106	Retina	ERM	% of population with ERM at age 70	15.0%
107	Retina	ERM	% with RRD that develop an ERM	4-8%
108	Retina	ERM	% with peripheral retinal break that develop an ERM	1-2%
109	Retina	ERM	% of general population with ERM	6%
110	Retina	Lattice	% of population with lattice	7-8%
111	Retina	Lattice	Risk of RD in patient with lattice	0.3-0.5%
112	Retina	Mac holes	% MH that are bilateral	15.0%
113	Retina	Mac holes	& of stage 1 that convert regress	50.0%
114	Retina	Mac holes	% with RRD post mac hole vitrectomy	10%
115	Retina	Mac holes	% with cataract 2 years post MH surgery	50%
116	Retina	Mac holes	% with late reopening	5%
117	Retina	Mac holes	Spontaneous closure for stage 2 or greater	2-4%
118	Retina	Mac holes	% closure with one surgery	69-90%
119	Retina	Mac holes	% with improved visual acuity following surgery	80%
120	Retina	OIS	% of OIS bilateral	20.0%
121	Retina	Phakomatosis	% with retinal capillary hemangioma that have vHLD	20.0%
122	Retina	Phakomatosis	% of vHLD with retinal capillary hemangioma	64.0%
123	Retina	Phakomatosis	% with bilateral angiomatosis retinae	50.0%
124	Retina	RD	Risk of retinal break with symptomatic PVD	10-15%
125	Retina	RD	Risk of RD with VH assoc. with PVD	70.0%
126	Retina	RD	% RD caused by trauma	15.0%
127	Retina	RD	% RD caused by lattice	20-30%
128	Retina	RD	RD in general population	0.0%
129	Retina	RD	RD in general population	1/100000
130	Retina	RD	% RD's caused by tufts	7-10%
131	Retina	RD	All eyes % with breaks	6-8%
132	Retina	RD	Rate of RD in symptomatic phakic breaks	35.0%
133	Retina	RD	% of myopes that have retinal breaks	6-11%
134	Retina	RD	% of RD's with associated myopia	42.0%
135	Retina	RD	% RD's caused by lattice	20-40%
136	Retina	RD	RD incidence in general population	0.07%
137	Retina	RD	RD in one eye risk of fellow eye developing a RD phakic/aphakic	10/20-36%
138	Retina	ROP	% with spontaneous regression	80.0%
139	Retina	ROP	% with ROP with BW: 1000-1251 / 750-999 / <750grams	47/78/90%
140	Retina	ROP	% with ROP (any stage) that eventually regress	85%
141	Retina	ROP	ROP with severe visual loss	6-10%
142	Retina	RP	Incidence of RP in general population	1 in 4000
143	Retina	Sickle	% with AS/ SS/ SC in black population	8-1-0.5%
144	Retina	White dots	% of MFC with pan uveitis with CNVM	40-60%
145	Retina	White dots	% of PIC with CNVM	20%