

**Table 1: Aqueous Humor Human Subjects Information**

Sample Number	Age	Gender	Right/Left Eye	Ophthalmic Medications	Other Diseases	Control		PXE Material (+/-)	Max IOP (mmHg)	MD (dB)	PSD (dB)
						Other Medications	Cataract Present (Cataract/No Cataract)				
N-4		Male	Left	Cyclopentolate, Phenylephrine, Lidocaine	Coronary Artery Disease	Fluticasone	Cataract				
N-5	75	Male	Right	Cyclopentolate, Phenylephrine, Tetracaine, Lidocaine			Cataract				
N-12	62	Male	Left	Tetracaine, Lidocaine	Dyslipidemia, Vitamin D Deficiency		Cataract				
N-14	64	Male	Right	Cyclopentolate, Gentamicin, Phenylephrine, Tetracaine, Lidocaine	Diabetes Mellitus, Hyperlipidemia, Hypertension		Cataract				
N-19	71	Male		Cyclopentolate, Phenylephrine, Tetracaine, Lidocaine	Hyperlipidemia		Cataract				
N-28	75	Male	Right	Cyclopentolate, Phenylephrine, Tetracaine, Lidocaine	Dyslipidemia, Hypertension, Psoriasis	Carvedilol, Ravitiding, Amlodipine	Cataract				
N-29	70	Male		Cyclopentolate, Phenylephrine, Lidocaine			Cataract				
N-30	52	Male	Right	Cyclopentolate, Phenylephrine, Tetracaine, Lidocaine	Diabetes Mellitus, Hyperlipidemia	Insulin, Metformin, Saxagliptin, Amoxicillin	Cataract				
N-55	61	Male	Left	Phenylephrine, Tetracaine, Lidocaine			Cataract				
N-57	72	Male	Right	Cyclopentolate, Phenylephrine, Lidocaine			Cataract				
N-58	77	Male	Right	Phenylephrine, Tetracaine, Lidocaine			Cataract				
N-59	59	Male	Left	Cyclopentolate, Phenylephrine, Lidocaine			Cataract				
N-60	64	Male	Left	Cyclopentolate, Phenylephrine, Tetracaine, Lidocaine			Cataract				

N-61	64	Male	Right	Cyclopentolate, Phenylephrine, Lidocaine		Cataract
N-62	73	Male		Cyclopentolate, Phenylephrine, Lidocaine		Cataract
N-64	75	Male		Cyclopentolate, Phenylephrine, Lidocaine, Tetracaine		Cataract
N-65	68	Male		Cyclopentolate, Phenylephrine, Lidocaine		Cataract
N-66	85	Male	Right	Cyclopentolate, Phenylephrine, Lidocaine		Cataract
N-67	71	Male	Left	Phenylephrine, Tetracaine, Lidocaine		Cataract
N-68	64	Male	Right	Cyclopentolate, Phenylephrine, Lidocaine		Cataract
N-69	68	Male	Left	Cyclopentolate	Cyanocobalamin, Diclofenac Na, Pravastatin	Cataract
N-70	72	Male	Right	Phenylephrine, Tetracaine, Lidocaine	Cyanocobalamin, Insulin, Losartan, Meloxicam, Vanlafaxine, Pregabaline, Bisacodyl, Polyethylene, Hydrocortisone, Morphine Sulfate, Naproxen, Hydrocodone	Cataract
N-72	82	Male	Left	Cyclopentolate, Phenylephrine, Lidocaine	Clopidogrel, Tamsulosin, Finasteride, Vitamin D, Metoprolol, Hydrocodone	Cataract
N-73	77	Male	Right	Cyclopentolate, Phenylephrine, Lidocaine	Diabetes Mellitus  Glipizide, Apixaban, Ergocalciferol, Atorvastatin, Metoprolol Tartrate, Terazosin, Amoxicillin,	Cataract

N-75	72	Male	Left	Cyclopentolate, Phenylephrine, Lidocaine		Ammonium Lactate, Citalopram Hydrobromide, Mupirocin Ointment, Urea Cream, Tramadol	Cataract
POAG							
G-27	61	Male	Right	Latanoprost, Brimonidine, Lidocaine			No Cataract
G-29	73	Male	Left	Brimonidine, Latanoprost, Tetracaine, Lidocaine, Cyclopentolate			No Cataract
G-30	79	Male	Left	Latanoprost, Brimonidine, Fluriprofen, Phenylephrine, Lidocaine			No Cataract
G-31	76	Male		Dorzolamide, Latanoprost, Tetracaine, Lidocaine			No Cataract
G-33	73	Male	Left	Latanoprost, Brimonidine, Tetracaine, Lidocaine,			Cataract
G-34	69	Male	Right	Dorzolamide, Latanoprost, Cyclopentolate, Phenylephrine, Tetracaine, Lidocaine			Cataract
G-35	77	Male	Right	Latanoprost, Cyclopentolate, Phenylephrine, Lidocaine		Ketoconazole, Urea, Allopurinol, Carvedilol, Pantoprazole	Cataract
G-36	82	Male	Left	Polymyx B/Trimethoprim, Cyclopentolate, Phenylephrine, Lidocaine	Alzheimers Dementia	Edoxaban, Cyanocobalamin, Metoprolol Succinate, Vitamin B, Donepezil, Atropine Sulfate	Cataract
G-38	78	Male	Right	Polymyx B/Trimethoprim, Cyclopentolate, Phenylephrine, Lidocaine	Diabetes Mellitus, Systemic Hypertension, Hypercholesterolemia	Levothyroxine, Allopurinol, Atrovastatin, Metformin, Cyanocobalamin, Vitamin D, Cephalexin, Clohidine, Hydrochlorothiazide, Losartan	No Cataract

G-39	66	Male	Left	Brimonidine, Dorzolamide, Latanoprost, Cyclopentolate, Phenylephrine, Lidocaine		Terazosin, Sildenafil, Lisinopril	No Cataract
G-40	70	Male	Left	Dorzolamide HCl, Latanoprost, Olopatadine HCl, Brimonidine	Diabetes Mellitus, Carpal Tunnel, Diabetes Mellitus Type 2	Insulin, Amlodipine, Gabapentin, Metformin, Fluorouracil 5% Cream, Silvadene Cream, Doxycycline monohydrate, Losartan, Rosuvastatin CA	No Cataract
G-41	71	Female	Right	Dorzolamide HCl, Timolol Maleate, Latanoprost, Cyclopentolate, Phenylephrine, Lidocaine		Potassium Chloride, Aspirin, Fumotidine, Furosemide, Lisinopril, Loratadine, Nifedipine, Allopurinol, Atorvastatin Calcium, Gabapentin	No Cataract
G-42	95	Female	Right	Latanoprost, Cyclopentolate, Phenylephrine, Lidocaine	Systemic Hypertension	Amlodipine, Furosemide, Levothyroxine, Metoprolol, Potassium Chloride	No Cataract
G-43	65	Male	Right	Brimonidine, Dorzolamide HCl, Latanoprost, Cyclopentolate, Phenylephrine, Lidocaine			Cataract
G-44	73	Male	Right	Dorzolamide, Atropine, Cyclopentolate, Phenylephrine, Lidocaine	Diabetes Mellitus Type 2	Sildenafil, Aspirin, Atorvastatin, Calcium, Glipizide, HCTZ, Insulin, Amlodipine	No Cataract
G-45	71	Male	Left	Latanoprost, Cyclopentolate, Phenylephrine, Lidocaine.	Prediabetes	Amlodipine	No Cataract

**PEX**

X-145	93	Male	Right	Latanoprost, 0.2% Brimonidine	PER	Cataract	+	21
X-154	68	Male	Left	Latanoprost, 0.2% Brimonidine, Timolol, Brinzolamide		No Cataract	+	13
X-167	81	Female	Left	Latanoprost	Coumadin	Cataract	+	13

X-187	79	Male	Left	Latanoprost, Levobunolol		Erythromycin	Cataract	+	28
X-188	102	Male	Right	Carboxymethyl Cellulose			Cataract		13
X-197	80	Male	Left	Carboxymethyl Cellulose	Diabetes Mellitus		Cataract	+	22
X-200	79	Female	Left	Latanoprost, 0.2% Brimonidine, Dorzolamide, Timolol			Cataract	+	27
X-219	79	Female	Right	Carboxymethyl Cellulose	Hypertension		Cataract	-	20
X-336	86	Female	Left	Timolol		Tamoxifen	Cataract	-	17
X-352	76	Male	Right	Latanoprost, Gentamicin, Dorzolamide			Cataract	+	17
X-359	75	Female	Left	Latanoprost			Cataract	-	17
X-362	79	Male	Right	Latanoprost, Levobunolol, Carboxymethyl Cellulose			No Cataract	-	18
X-379	83	Male	Left	Timolol	Arthritis, Gastritis, Hypertension		Cataract	+	22
X-406	88	Female	Left	Latanoprost, Timolol	Hypercholesterolemia, Skin Cancer, Breast Cancer		Cataract	+	16()
X-413	67	Male	-	Dorzolamide, Timolol, 0.2% Brimonidine, Bimatoprost	Diabetes Mellitus, Hypertension		Cataract	-	33
X-418	72	Female	Right	Dorzolamide, Timolol	Osteoporosis, Diabetes Mellitus, Angina		Cataract	+	19
X-423	66	Female	Left	Latanoprost	Hypertension, Arthritis		Cataract	+	23
X-425	82	Female	Left	Azelastine	Hypertension, Breast Cancer		Cataract	-	17
X-449	75	Female	Left	Carboxymethyl Cellulose			Cataract	-	20
X-459	73	Male	Right	Latanoprost, Timolol	Diabetes Mellitus		Cataract	+	15
X-464	75	Female	Right	Carboxymethyl Cellulose	Gastritis, Arthritis	Ranitidine, Erythromycin, Pamine, Equate	Cataract	+	21

X-483	73	Female	Left	Carboxymethyl Cellulose			Cataract	+	13		
X-485	74	Male	Right	Timolol, Moxifloxacin	Prostate Cancer, Muscular Dystrophy	Claritin, Pravachol	Cataract	+	17		-2.73
X-559	73	Female	Left	Bimatoprost	Hypertension, Osteoporosis	Multivitamins, Norvasc, Prevacid, Tranxene, Topical Iron	Cataract	+	16	2.02	-6.97
X-561	70	Female	Left	0.2% Brimonidine	Osteoporosis, Diabetes Mellitus	Glucophage, Glucotrol, Klonopin, Fosamax	Cataract	-	22	1.73	-6.47
X-562	71	Female	Left	Timolol, Moxifloxacin, Latanoprost	Diabetes Mellitus, Hypertension	Vitamin B, Glucophage, Glucotrol, Lisinopril	Cataract	+	17	2.22	
X-579	82	Female	Right	Brinzolamide, Travoprost	Hypertension, Arthritis, Hypercholesterolemia		Cataract	-	13		
X-586	68	Female	Left	Dorzolamide, Timolol, Latanoprost, Moxifloxacin	Skin Cancer	Triamterene, Omeprazole, Paroxetine, Simvastatin, Ginkgo Biloba, Omega Fish Oil, B-12	Cataract	+	11(48)		
X-598	81	Male	Left	Carboxymethyl Cellulose	Diabetes Mellitus, Hypertension, Hypercholesterolemia, Gastric Ulcer	Folic Acid, Multivitamins, Vitamin B6, Digoxin, Carvedilol, Lisinopril, Amlodipine, Klor-Con	Cataract	+	20		
X-653	85	Female	Right	Dorzolamide, Timolol, 2% Pilocarpine	Hypertension, Diabetes Mellitus Type 2, Dementia, Anemia		Cataract	-	27		
X-655	71	Male	Right	Moxifloxacin	Arthritis, Skin Cancer, Spinal Stenosis, Bladder Cancer, Sciatica, Diverticulitis, COPD, Emphysema, Temporomandibular Joint Disorder		Cataract	+	21		