

HOVT Acuity calibration with amblyopic patients and Bengterter foil-blurred normal subjects.
de-identified

Amblyopic Patients									
GENDER	age	eye	type	Sphere	Cyl +	Axis	20/40	logMar ETDRS	logMAR HOTV
F	5.7	L	mix	3.75	0.75	100	pass	0.00	-0.10
M	7.4	L	strab	2	0.75	75	pass	0.10	0.10
M	12.1	L	mix	-1.25	2.25	83	pass	0.10	0.10
M	9.6	L	mix	1.75	0	0	pass	0.20	0.10
M	10.3	I	ref	1.25	4	87	pass	0.20	0.10
F	9.7	R	mix	2.5	2.25	73	pass	0.20	0.20
M	10.7	r	mix	3	.25	15	pass	0.20	0.20
M	8.1	r	mix	1.5	.25	13	pass	0.20	0.20
F	6.6	R	ref	1.5	3.5	92	pass	0.30	0.20
F	13.3	R	mix	4.5	0.5	89	pass	0.30	0.20
M	15.7	I	mix	5.25	.75	119	pass	0.30	0.20
M	10.2	R	ref	-3.5	5	92	pass	0.40	0.20
F	19.9	L	strab	1.25	0.5	125	pass	0.30	0.30
M	17.5	R	mix	6.5	0	0	pass	0.30	0.30
M	7.8	R	mix	3.75	0	0	pass	0.60	0.30
M	10.4	r	mix	2.5	1.5	69	fail	0.30	0.40
M	12.5	I	ref	5	3	108	fail	0.40	0.40
F	9.0	I	strab	4.25	0.25	165	fail	0.40	0.40
M	8.4	L	ref	2.75	0.5	100	fail	0.80	0.48
M	13.9	I	ref	7	1	88	fail	0.60	0.50
M	11.2	I	ref	2.75	2	77	fail	0.60	0.60
F	9.8	I	ref	3.75	1	82	fail	0.60	0.60
M	9.2	I	ref	2	5	96	fail	0.70	0.60
F	7.1	R	ref	0	2.5	96	fail	0.80	0.70
F	14.0	I	strab	5.5	1	115	fail	0.80	0.70
M	11.0	L	ref	6.5	0.5	120	fail	0.80	0.80
M	14.0	R	ref	-7	4	85	fail	0.90	0.80
M	7.4	R	mix	4	0.5	95	fail	0.80	0.90
F	9.2	I	ref	2.25	1	136	fail	0.80	0.90
M	12.6	L	ref	3	0	0	fail	1.00	0.90
F	9.0	r	ref	4.75	2	86	fail	0.90	1.00
mean	10.8			1.88	1.38			0.48	0.43
STDEV	3.2			3.40	1.57			0.29	0.30

Blur	Subject #	Eye				20/40	logMAR ETDRS	logMAR HOTV
0.3	1	L				fail	0.30	0.40
0.4	1	L				fail	0.20	0.40
0.6	1	L				fail	0.20	0.50
0.8	1	L				fail	0.30	0.50
1.0	1	L				fail	0.30	0.40
+1.0	1	L				pass	0.00	0.00
None	1	L				pass	0.00	0.00
0.3	2	L				fail	0.40	0.60
0.4	2	L				fail	0.30	0.40
0.6	2	L				fail	0.10	0.50
0.8	2	L				fail	0.30	0.70
1.0	2	L				pass	0.20	0.10
+1.0	2	L				pass	0.40	0.20
None	2	L				pass	-0.10	0.00
0.3	3	R				fail	0.20	0.40
0.4	3	R				fail	0.30	0.40
0.6	3	R				fail	0.20	0.40
0.8	3	R				fail	0.40	0.70
1.0	3	R				pass	0.20	0.20
+1.0	3	R				pass	0.00	0.10
None	3	R				pass	-0.22	0.00
0.3	4	L				fail	0.30	0.80
0.4	4	L				fail	0.40	0.50
0.6	4	L				fail	0.30	0.70
0.8	4	L				fail	0.40	0.80
1.0	4	L				fail	0.20	0.50
+1.0	4	L				fail	0.30	0.40
None	4	L				pass	-0.10	0.10
0.3	5	R				fail	0.60	0.70
0.4	5	R				fail	0.40	0.60
0.6	5	R				fail	0.40	0.50
0.8	5	R				fail	0.40	0.80
1.0	5	R				pass	0.20	0.30
+1.0	5	R				pass	0.30	0.30
None	5	R				pass	-0.10	0.00