

**Designed Database of MR Brain Images of Healthy Volunteers**  
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*Adjunct information for the collection at*  
[http://www.insight-journal.org/midas/view\\_community.php?communityid=21](http://www.insight-journal.org/midas/view_community.php?communityid=21)

	18-29	30-39	40-49	50-59	60+
M	11	10	10	8	6 (2 M->F) (+1)
F	11	10	10 (+1)	11	9 (+1)

All Flash images have artifacts close to base up until 081.

	T1	T2	DTI	trees				
NormalA001	No rage	no	poor	+++	54	F	W	R
NormalA002	No rage			+++	25	M	W	R
NormalA003	No rage			+++	20	F	W	R
NormalA004	No rage			+++	27	F	W	R
NormalA005	No rage			++++	24	F	A	R
NormalA006	No rage			+++	22	M	W	R
NormalA007	No rage;			+++	36	M	W	R
NormalA008	No rage;	moved		+++	33	F	W	R
NormalA009	No rage;		cut	+++	23	F	W	R
NormalA010	No rage;	moved		+++	41	M	W	R
NormalA011	No rage;			+++	27	F	W	R
NormalA012	No rage,		cut	+++	28	M	W	R
NormalA013	No rage,	moved		+++	26	M	A	L
NormalA014	No rage,			++	19	M	W	L
NormalA015	No rage,			+++	29	M	W	L
NormalA016	No rage,	no	no	++++	55	M	W	R
NormalA017	No rage,		cut	+++	40	F	W	R
NormalA018	No rage ;			+++	43	F	W	R
NormalA019	No rage,		cut	+++	28	M	A	R
NormalA020	No rage,		cut	++++	26	F	A	R
NormalA021	No rage,		cut	+++	26	M	W	R
NormalA022	No rage,		cut	+++	39	F	W	R
NormalA023	No rage,			+++	40	F	W	R
NormalA024	No rage,			++	57	F	W	R
NormalA025	No rage,		cut	+++	49	M	W	R
NormalA026	No rage,		cut	+++	26	M	W	R
NormalA027	No rage,	moved		++++	48	F	W	R
NormalA028		moved		+++	66	F	W	R
NormalA029	No rage,	moved		++	72	M	W	L (Ambidextrous)
NormalA030				+++	57	M	W	R
NormalA031			cut	+++	50	F	W	R
NormalA032	No rage,	moved		++	66	F	W	R
NormalA033			cut	+++	23	F	W	R
NormalA034		moved		+++	23	M	W	R

	T1	T2	DTI	MRA					
NormalA035		(cut)	+++	25	M	W	L (Ambidextrous)		
NormalA036			++	65	F	W	R		
NormalA037		(moved)	(cut) +++	31	M	W	R		
NormalA038			(cut) +++	32	F	B	R		
NormalA039		(moved)	++	41	M	W	L		
NormalA040			+++	25	F	W	R		
NormalA041		moved	++	64	M->F	A	R		
NormalA042			++++	37	F	W	R		
NormalA043			++++	24	F	W	R		
NormalA044		moved,	++	48	M	W	R		
NormalA045		(moved)	+++	35	M	W	R		
NormalA046			+++	61	M->F	W	R		
NormalA047		(cut)	+++	31	F	W	R		
NormalA048		(moved)	++	47	F	B	R	suture asymm;	
								don't use	
NormalA049		moved (cut)	++++	65	F	A	R	split circ	
NormalA050			++++	28	F	A	R		
NormalA051			++++	55	F	W	R		
NormalA052			+++	44	F	A	R	ethmoid polyp	
NormalA053		moved cut	+++	37	M	W	R		
NormalA054		moved cut	+++	34	F	W	R		
NormalA055			+++	30	M	B	R		
NormalA056		cut	++	44	M	W	R		
NormalA057			++++	33	M	W	R	split circ	
NormalA058			+++	47	M	W	R	split circ	
NormalA059			+++	33	M	A	R		
NormalA060			++	48	F	W	R		
NormalA061			+++	57	F	W	R		
NormalA062			+++	33	F	B	R		
NormalA063			+++	43	M	W	R	acoustic, split circ	
NormalA064		moved	++	35	F	W	R		
NormalA065			+++	43	F	W	L		
NormalA066			+++	66	F	W	R		
NormalA067			+++	57	F	W	R	split circ	
NormalA068		(moved)	+++	56	M	W	R		
NormalA069		moved no	+++	65	F	W	R		
NormalA070	No rage	(moved)	+++	48	F	W	R	scalp cyst	
NormalA071			+++	32	F	W	R		
NormalA072	No rage	(moved)	+++	52	F	W	R		
NormalA073	No rage		++	64	F	W	R		
NormalA074		(moved)	++++	41	F	W	R	assym sag sinus	
NormalA075	No flash		+++	61	F	W	R		
NormalA076	No flash	(moved)	++	58	M	W	R		
NormalA077			++++	35	F	W	R		
NormalA078	No flash	no	++	49	F	W	L		
NormalA079			+++	31	M	W	R		

NormalA080		+++	34	M	W	R	
NormalA081	(no artifacts!!)	+++++	51	M	W	R	
NormalA082	(no artifacts!)	+++++	22	F	W	R	
NormalA083	artifact flash	+++	51	F	W	R	
NormalA084	no flash	++	67	M	W	A	Waldenstrom's
Probably should not use							
NormalA085		++	52	F	W	R	split circ
NormalA086		++	46	M	W	R	
NormalA087	noDTI	++++	57	F	W	R	
NormalA088		+++++	34	M	W	R	suture assym
NormalA089		+ (clipped)	44	M	W	R	
NormalA090		++++	57	F	W	R	
NormalA091	no rage	noDTI ++(clip, move)	56	M	B	R	split circ
NormalA092	no rage	++(clip)	60	M	W	R	split circ
NormalA093	no rage	+++ (clip)	43	M	W	R	
NormalA094		+++ (clip)	50	M	W	R	
NormalA095		+++	59	M	W	L	tiny cyst
NEW MRA SEQUENCE BEGINS HERE							
NormalA096	no flash	+++	68	F	W	R	
NormalA097	no flash	+++	68	M	W	R	
NormalA098	no flash	++	64	F	W	R	tiny stroke ?
NormalA099	no flash	++	63	M	W	A	

### ABNORMALS (Red means probably should omit)

Tumor 069	penetrating brain injury. Removed from normal study.
Normal 052	ethmoid polyp. Retained as normal in normal study. Told to make ENT appointment.
Normal 048	Asymmetrical head from suture closure. Retained as normal in study as other subjects have similar but lesser abnormalities, but for some purposes could be viewed as abnormal. Ventricles are also large and subject has intermittent headaches. Told to make elective appointment if headaches worsen.
Normal 063	tiny intracanalicular acoustic tumor visible only as CSF filling defect in canal. Retained as normal in study as brain not affected.
Normal070	Epidermoid cyst (scalp)
Normal084	Waldenstrom's macroglobulinemia. Probably should not use.
Normal098	Unexpected minor stroke; asymptomatic, tiny. Probably should not use.

### Ethical consideration of incidental findings on adult brain MRI in research

J. Illes, PhD; A.C. Rosen, PhD; L. Huang, MD; R.A. Goldstein, MD; T.A. Raffin, MD; G. Swan, PhD; and S.W. Atlas, MD  
 NEUROLOGY 2004;62:888–890

6.6% of 151 scans examined were felt to require clinical follow-up. Original scans were MRs of brain obtained in adult volunteer research studies.

<http://neuroethics.stanford.edu/Illes.etal.Neurology04.pdf>

Scan not done because of claustrophobia  
6

incomplete because of claustrophobia  
4

Scan not done for weight 2

Scan not done for metal 2

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## Genetic Relationships

Normal024 is mother of Normal004

Normal049 is mother of Normal059

Tumor069 (old trauma) is sister of Normal024

Normal041 is sister of Normal066

Normal067 is mother of Normal047

Normal068 is father of Normal047

Normal073 is mother of Normal042

Normal069 is mother of Normal074