

Abnormal eye movements in AICA & SCA cerebellar infarction

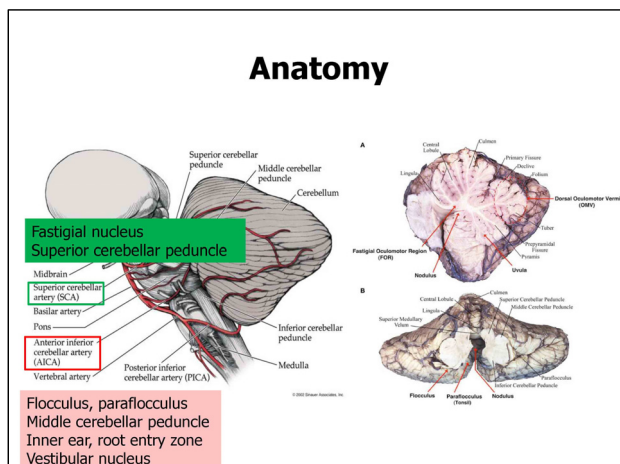


김 현 아

계명대학교 의과대학 신경과학교실

Hyun Ah Kim

Department of Neurology, Keimyung University School of Medicine, Daegu, Korea



Spontaneous and gaze evoked nystagmus in AICA infarction

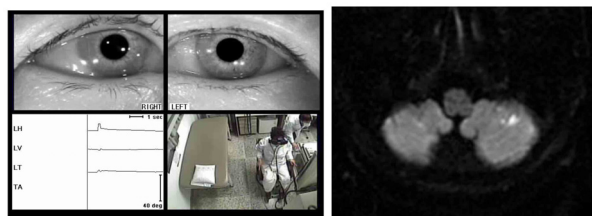
Infarction in the Territory of Anterior Inferior Cerebellar Artery Spectrum of Audiovestibular Loss

Hyung Lee, MD; Ji Soo Kim, MD; Eun-Ji Chung, MD; Hyun-Ah Yi, MD; In-Sung Chung, MD; Seong-Ryong Lee, MD; Je-Young Shin, MD

The spontaneous nystagmus was predominantly **horizontal** and 55/82 (67%) patients showed spontaneous nystagmus **beating away from** (84% [46 of 55]) or toward (11% [6 of 55]) the side of the lesion. The other 3 showed seesaw, upbeat, or pure torsional nystagmus. **Asymmetrical bidirectional gaze-evoked nystagmus** was also found in 35 patients.

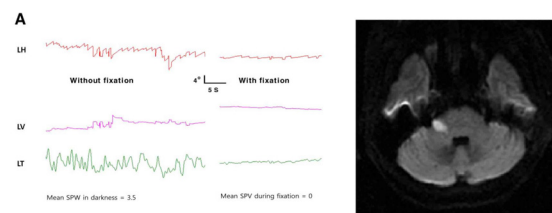
(Stroke, 2009;40:3745-3751.)

Spontaneous and gaze evoked nystagmus in AICA infarction



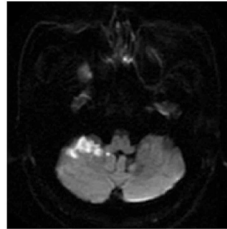
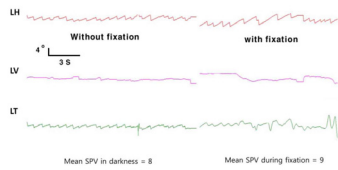
Fixation suppression of SN in AICA infarction

Success of fixation suppression in SN (AICA)

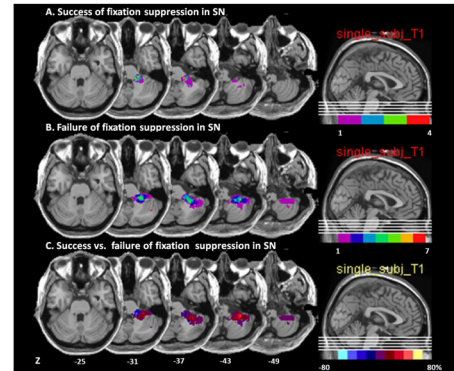


Fixation suppression in AICA infarction

Failure of fixation suppression in SN (AICA)

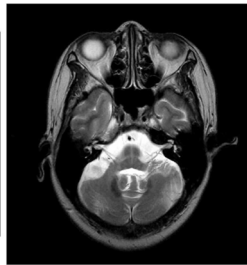
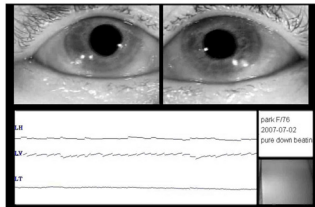


Fixation suppression in AICA infarction



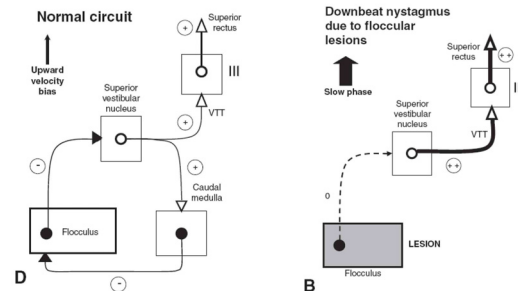
On revision in JACS

Downbeat nystagmus (DBN)

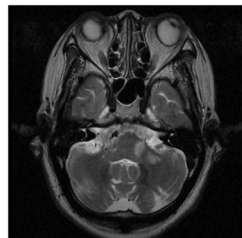
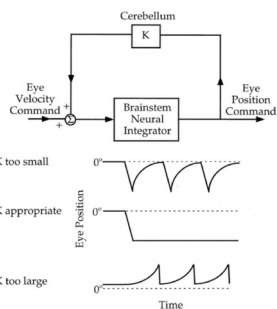


Multisystem atrophy

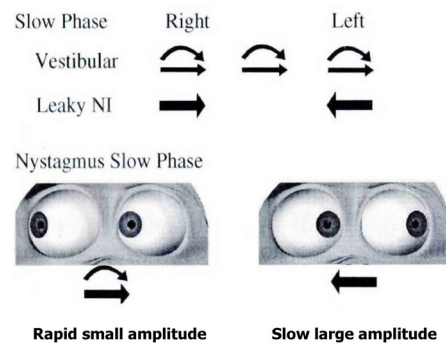
Downbeat nystagmus (DBN)



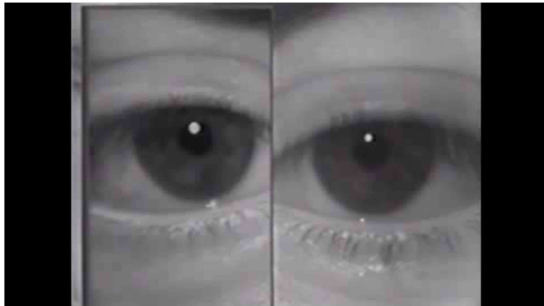
Gaze evoked nystagmus in AICA cerebellar infarction



Brun's nystagmus



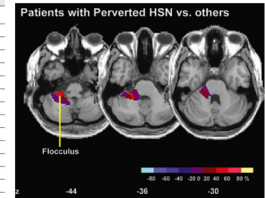
Rebound nystagmus



Head-Shaking Aids in the Diagnosis of Acute Audiovestibular Loss due to Anterior Inferior Cerebellar Artery Infarction

Young Eun Huh^a Ja-Won Koo^b Hyung Lee^c Ji-Soo Kim^a

Pa. hist	CP ^a	HT ^b	HSN ^c (%)			HSN ^c (%)			GEN	Central HSN ^d
			H	V	T	H	V	T		
1	-	-	I (1)	U (1)	-	C (15)	D (11)	C (26)	+	P/O
2	-	-	-	-	-	I (13)	D (5)	-	-	P
3	-	-	-	-	-	-	D (2)	-	+	P
4	-	-	C (1)	D (1)	-	-	-	-	+	-
5	-	-	-	-	-	-	-	-	+	-
6	-	-	-	-	-	-	-	-	-	-
7	I	I	C (5)	U (5)	-	C (15)	U (23)	-	+	P
8	I	I	C (4)	U (1)	C (1)	C (8)	U (4)	-	-	P
9	I	ND	I (3)	D (5)	-	I (8)	D (8)	-	+	P/ib
10	I	I	C (3)	-	-	I (3)	-	-	+	O/ib
11	I	I	C (2)	-	C (1)	I (3)	-	-	-	O/ib
12	I	I	I (5)	U (1)	I (1)	C (17)	D (15)	C (2)	-	P/O
13	ND	I	C (2)	-	C (2)	C (6)	-	C (4)	+	-
14	I	I	C (4)	U (5)	C (4)	C (24)	-	-	-	-
15	I	I	C (11)	-	C (5)	C (17)	-	-	-	-
16	I	I	C (4)	-	-	C (10)	-	-	-	-
17	I	-	-	-	-	C (3)	-	-	-	-
18	I	-	-	-	-	C (3)	-	+	-	-

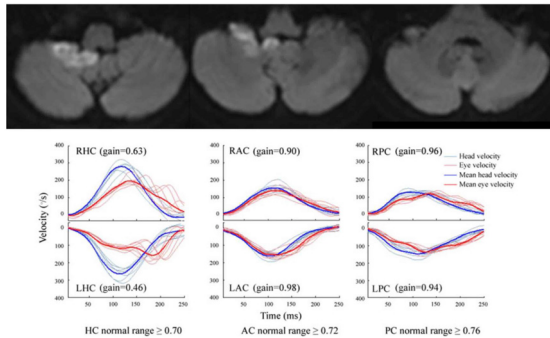


Audiol Neurotol 2013;18:114-124

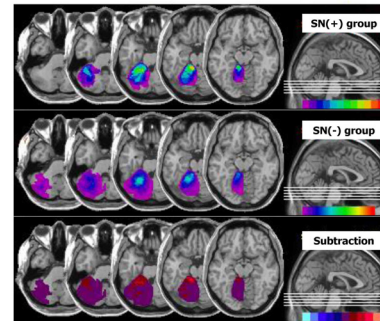
Isolated floccular infarction: impaired vestibular responses to horizontal head impulse

Hong-Kyun Park · Ji-Soo Kim · Michael Strupp · David S. Zee

J Neurol (2013) 260:1576-1582



Spontaneous nystagmus associated with SCA infarction

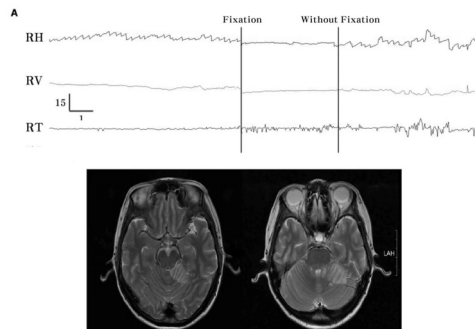


JJA Kim 2013

Nystagmus in SCA territory cerebellar infarction: pattern and a possible mechanism

Hyung Lee,^{1,2} Hyun-Ah Kim^{1,2}

J Neurol Neurosurg Psychiatry 2013;84:446-451.

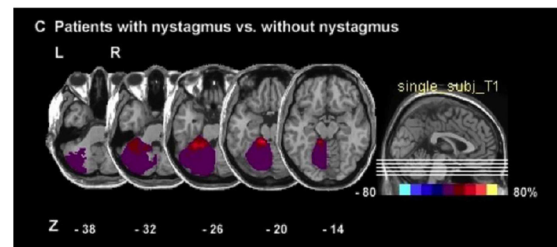


RESEARCH PAPER

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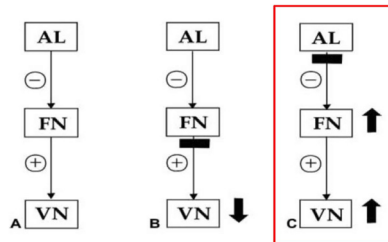


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Thank you for your attention