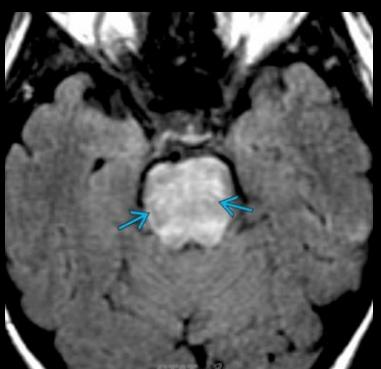
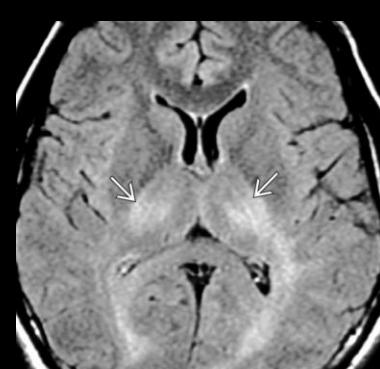


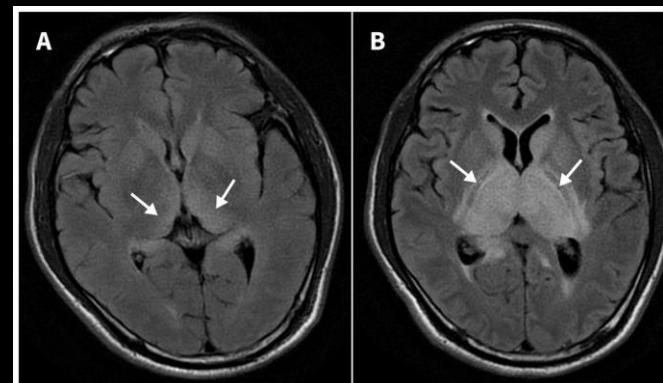
West Nile virus encephalitis



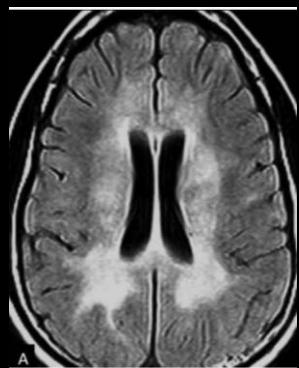
Listeria monocytogenes,
Legionnaire,
Mycoplasma, Lyme disease.



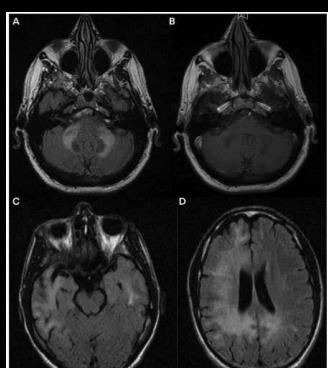
Infectious mononucleosis &
EBV commonly involves the
basal ganglia, thalamus, cortex,
&/or brainstem.



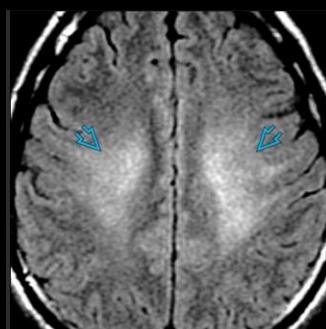
Japanese encephalitis virus, a mosquito-borne flavivirus, is the most common cause of viral encephalitis in Asia



CMV encephalitis



JC virus -PML
progressive multifocal
leukoencephalopathy



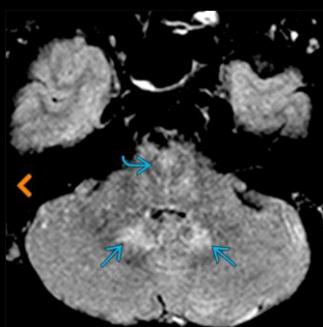
EBV commonly involves the
basal ganglia, thalamus, cortex,
&/or brainstem.

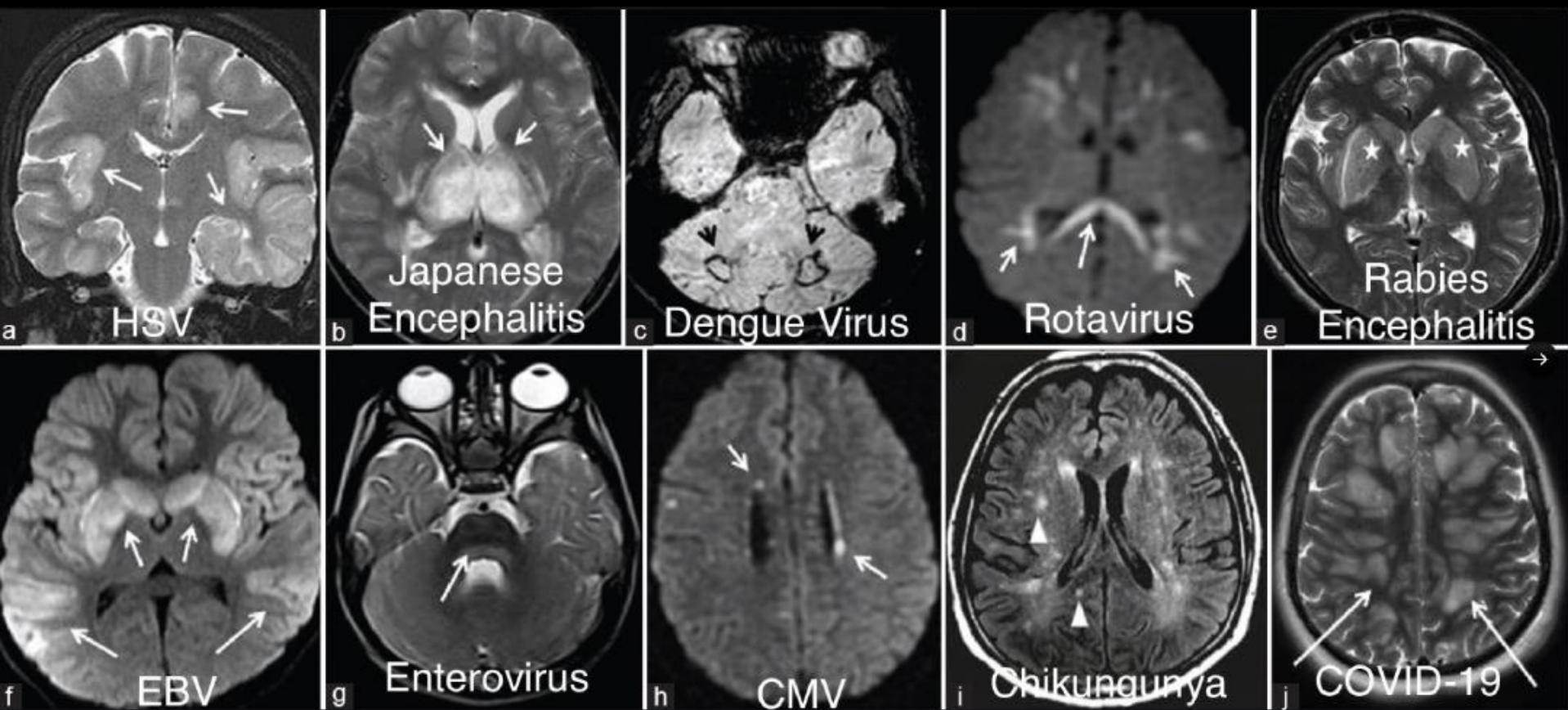


Cerebellitis

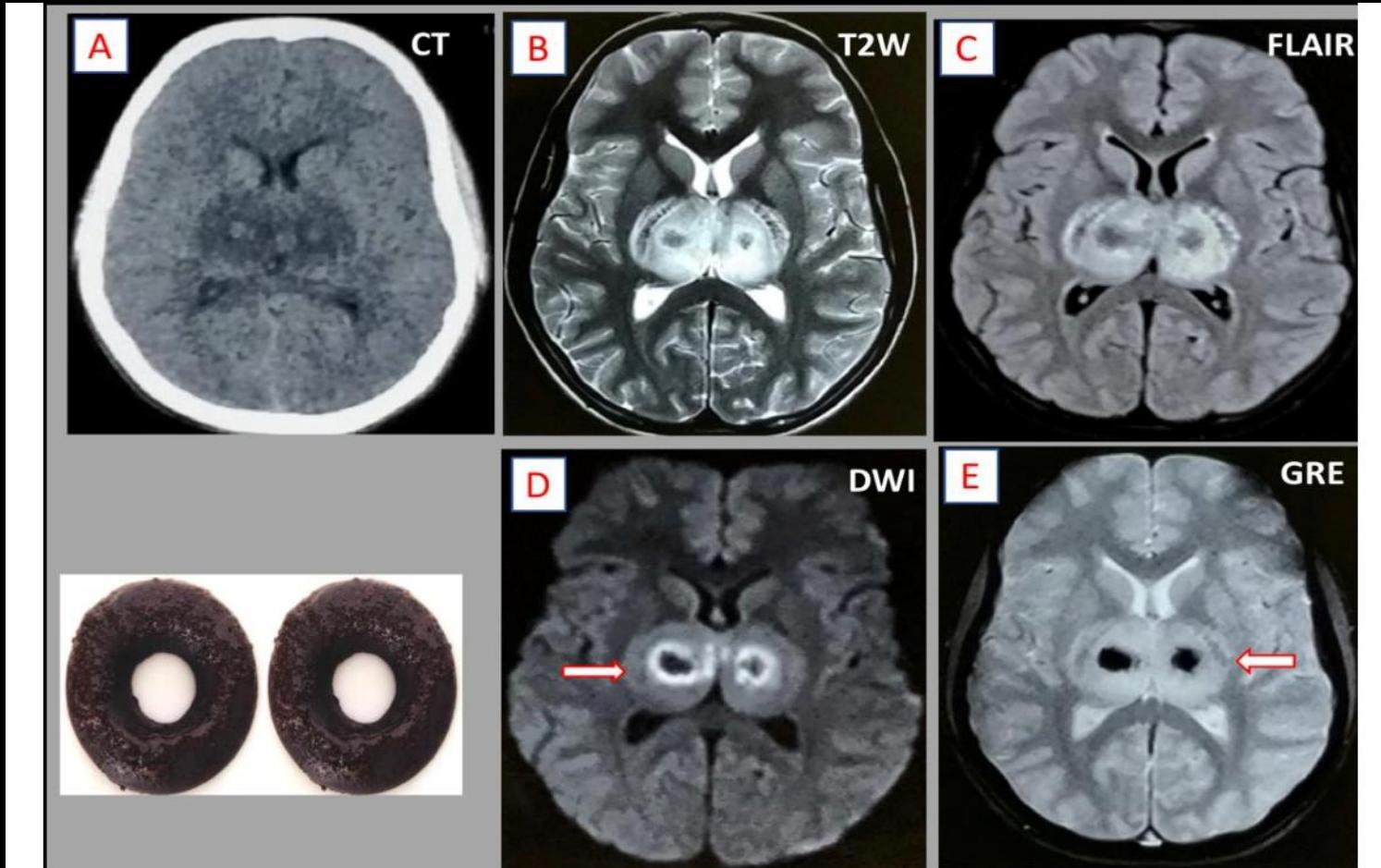
Cerebellitis. (EVs, EBV, varicella, Coxsackie, influenza, mumps, measles), intoxication (lead, cyanide, methadone), vasculitis, & ADEM.

- Enterovirus EV encephalitis
- Hyperintense signal in the **medulla** & **dentate nuclei**.
- Can involve the pons, medulla, midbrain, dentate nuclei, thalamus, basal ganglia, & cervical spinal cord.
- EVs include Coxsackieviruses, poliovirus, echovirus, and EV-68/EV-71.



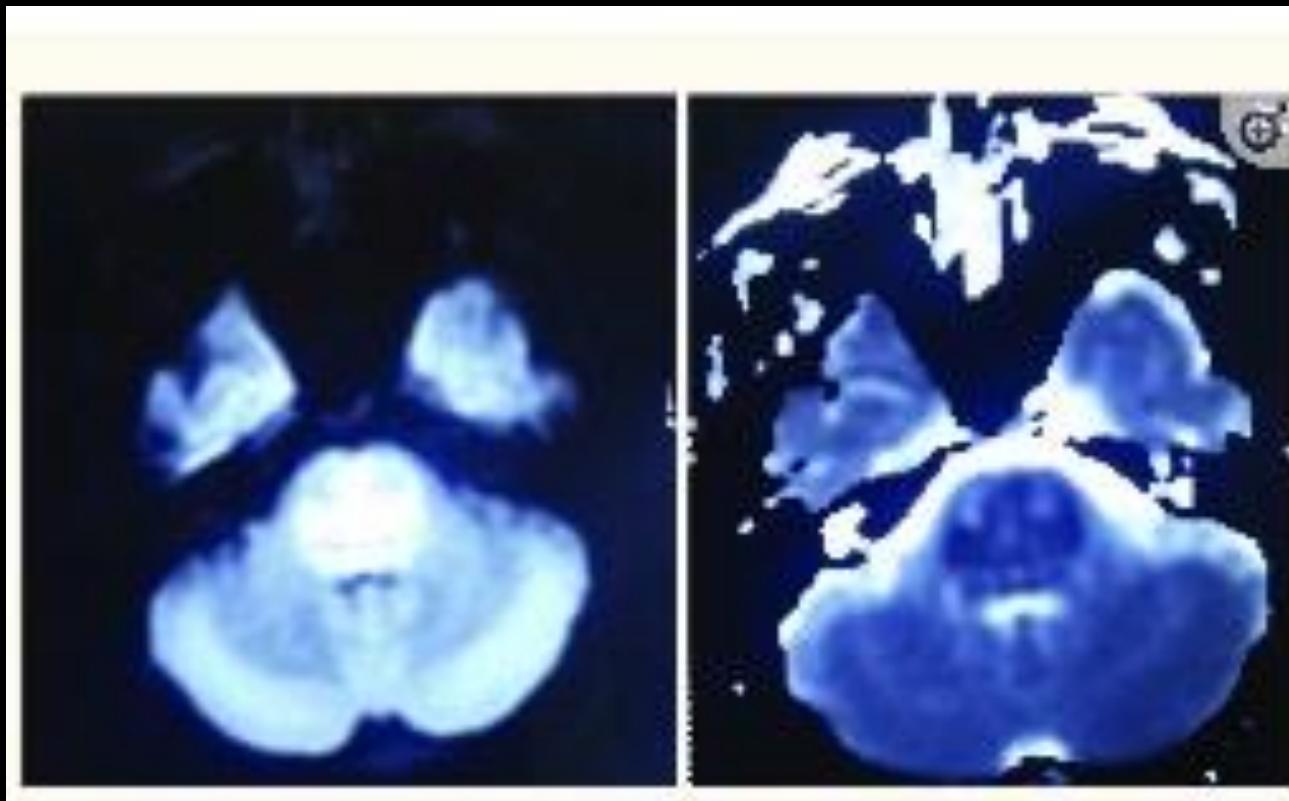


Dengue Encephalitis



2: Axial CT show symmetrical hypodense areas in bilateral thalami (A). MR images show T2, FLAIR syn

Dengue Encephalitis Jack-o-Lantern



Encephalitis

Deep Gray

EBV
West Nile Virus
Eastern Equine
Japanese
Encephalitis
Rabies
Dengue
COVID
Creutzfeld
-Jakob

Splenium

Rotavirus
Influenza
COVID



White matter

JC Virus
Measles (SSPE)
Rotavirus
HIV
COVID
Parechovirus

Ventricles

CMV

Vasculitis

VZV

Temporal Lobe

HSV
HHV-6

Brainstem

Enterovirus
Listeria
Dengue

Cord

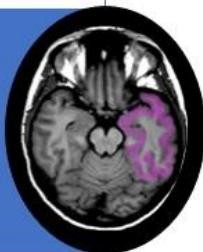
Polio
Coxsackievirus
Enterovirus
HIV
HTLV-1

Cortex

Creutzfeld
-Jakob
VZV
HSV

Predominant cortical grey matter pattern

Herpes simplex Virus



Predominant deep grey matter pattern

Varicella Zoster Virus
Epstein-Barr Virus
Respiratory Viruses
West Nile Virus



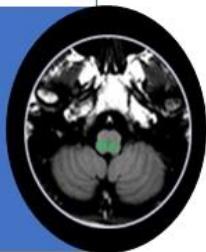
Predominant white matter pattern

Human Parechovirus
Rotavirus



Rhomboencephalitis

Enterovirus



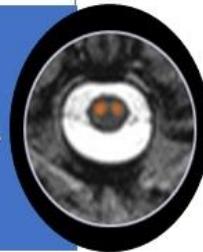
Cerebellitis

Rotavirus
Varicella Zoster Virus
Epstein-Barr Virus



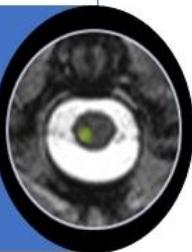
Myelitis: predominant ventral pattern

Enterovirus
West Nile Virus
Japanese encephalitis Virus
Poliovirus



Myelitis: predominant dorsal pattern

Varicella Zoster Virus



Autoimmune

