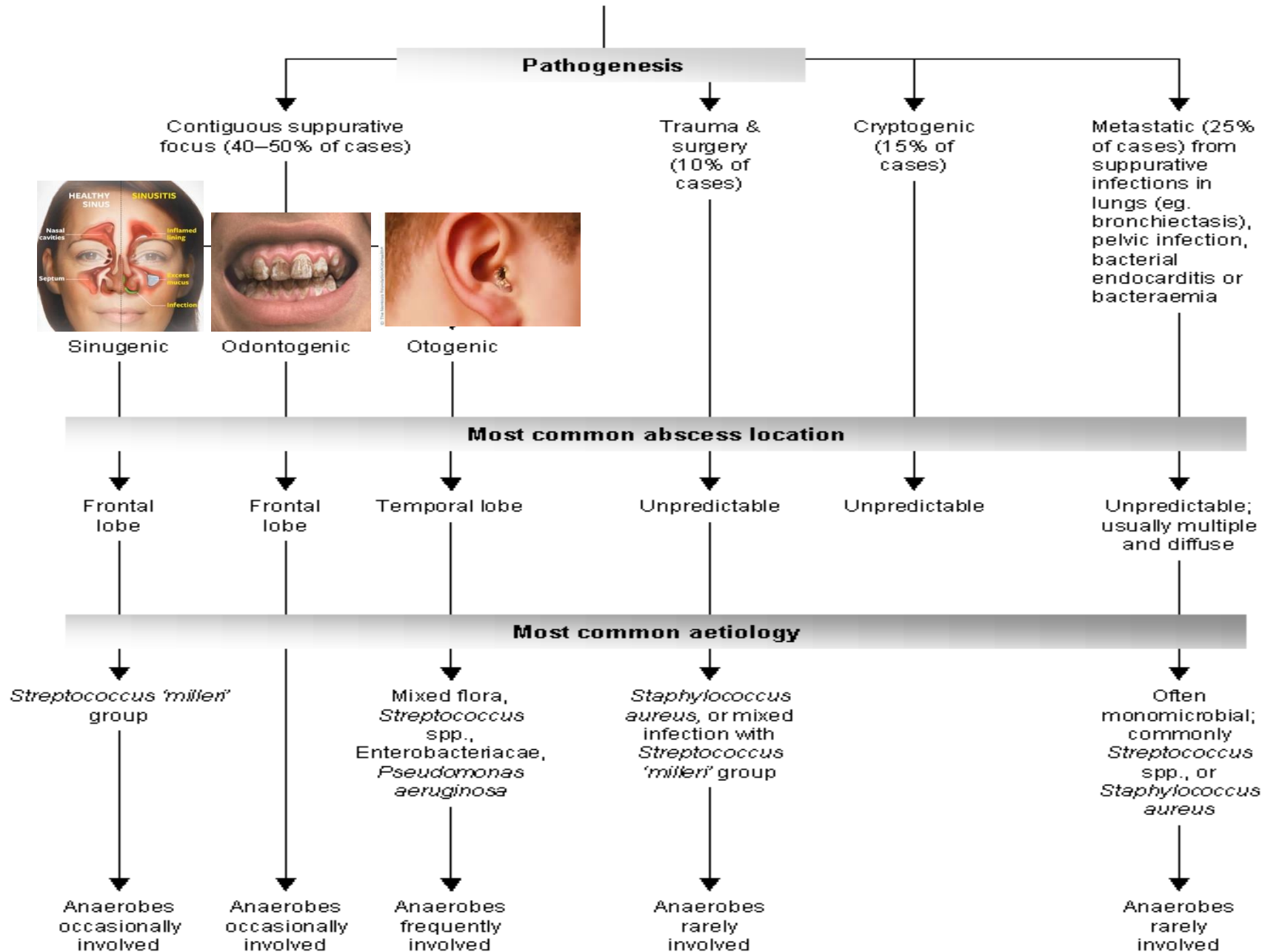


Brain abscess

- **A rare complication in immunocompetent individuals**
- **AIDS**
- **Chronic corticosteroid therapy**
- **Immunosuppression after bone marrow transplantation**

Aetiology of brain abscess



Clinical feature

- **Headache**
- **Fever**
- **Vomitus**
- **Focal neurological deficit**
- **Focal or generalized seizures**
- **ICH – letargy, confusion, coma,**
- **Papilledema**
- **Palsy of cranial nerves III, VI., or both**

Brain abscess - CT



Brain abscess - CT

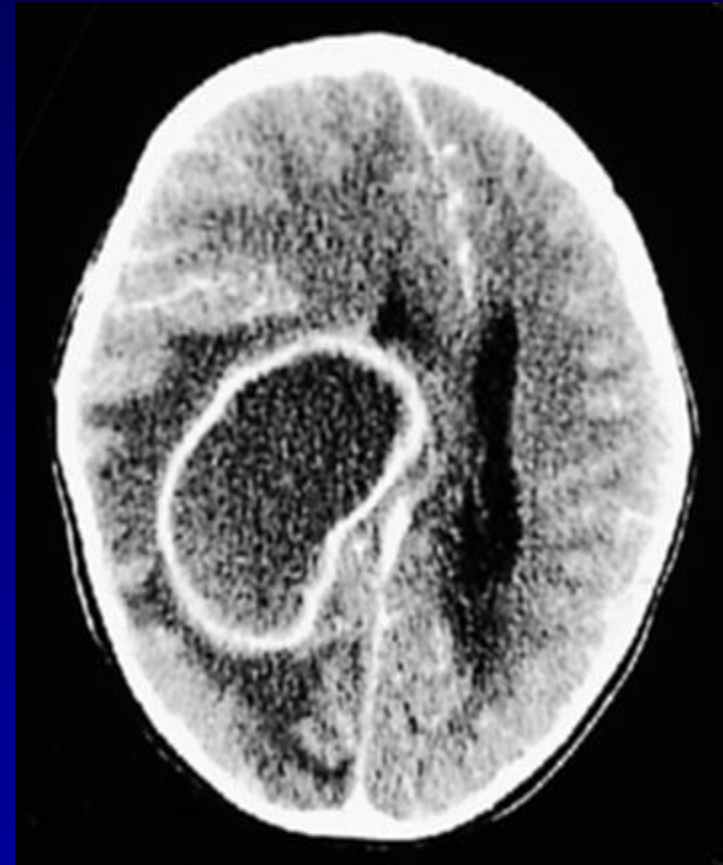


Brain abscess - CT

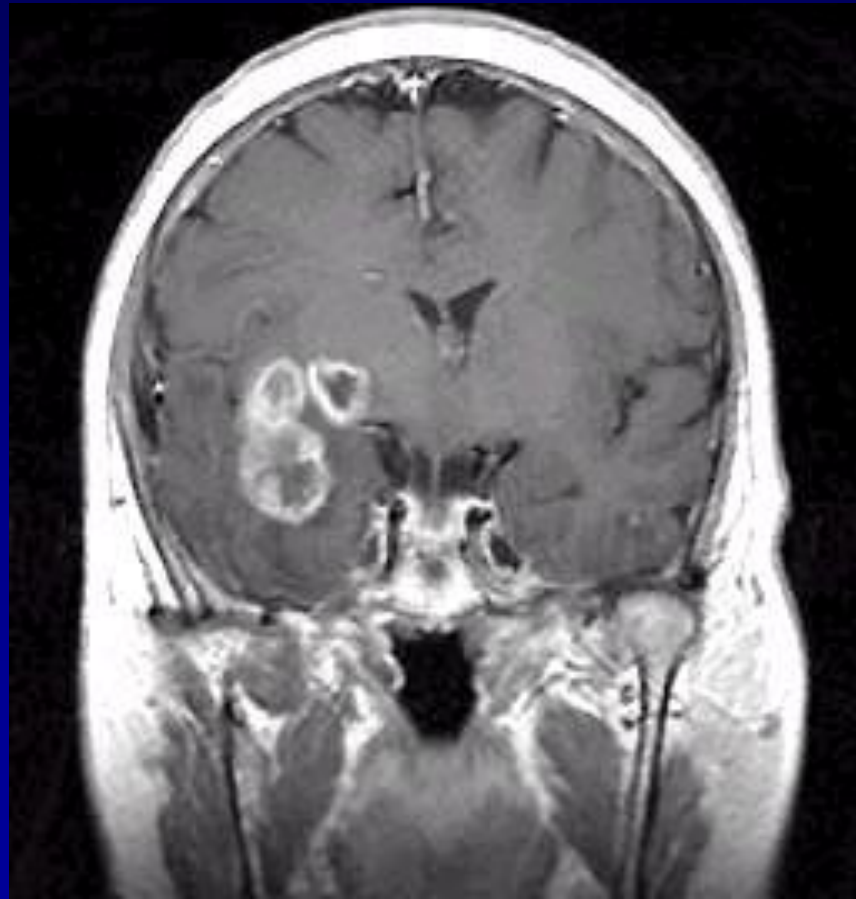
**Brain abscess in 2 years
old child**

Ptosis, fever, papilloedema

**60 ml of pus Gram + and
Gram – bacteria**



Brain abscess - CT



Diagnosis and therapy

- **CT**
- **CSF – lumbar puncture – contraindicated in brain abscess**
- **Therapy:**
- **Aspiration or extirpation abscess + antibiotics**

Herpes zoster (shingles)

- Varicella zoster virus
- Incidence 3-5 /1000/ year – old people, with malignancies, mainly lymphoma and M. Hodgkin
- Reactivation of varicella virus – latent in sensory ganglia after the primary infection with chicken pox

Herpes zoster

- Radicular pain – sometimes before eruption
- Vesicular cutaneous eruptions spread over two or three dermatomes on one side
- Most often - thoracal part
- Cranial ganglia – oftalmic paresis
 - **Ramsay Hunt** - n. VII. palsy, vertigo, deafness

Herpes zoster



Herpes zoster



Credit: NIAID



Herpes zoster

- **CSF** – ↑ elements and proteins
- **Pain** 1 – 4 weeks
- **Later** – **postherpetic neuralgia**
- **Treatment** – Acyclovir **800 mg 5x /day, 7 days**
reality – 5 x 200 mg

Herpes zoster

- **Postherpetic neuralgia**
 - **Pain in territory of herpes zoster, lasting minimally 3 month after eruptions**
 - **10 -15% patients**
 - **Treatment**
 - **Gabapentin 3 x 300 – 3 x 1200 mg**
 - **Pregabalin**
- Common analgetics are not effective!**