

hydrocephalus

accumulation of CSF  
intracranial  
CSF excessive  
production  
decrease resorption

congenital

sutures still opnend

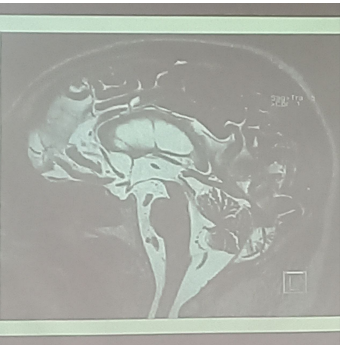
signs of hydrocephalus

excessive dilation of vein  
shine skin  
sunset eye

MRI scanning to see  
ventricles

choroid plexus  
papilloma

increase CSF  
papilloma



stenosis in aqueduct

we can open it put it  
able to reopen again

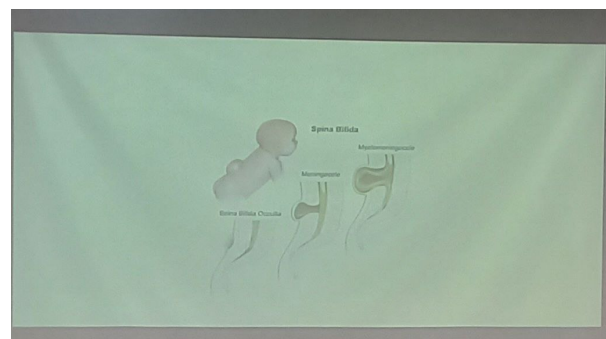
the simplest shunt

we need to make  
drainage

shunt to peritoneal  
cavity, or deural  
cavity, atrium to the  
heart

third ventricular ventriculocisternotomy

lateral ventricle to  
the foreman Monroe

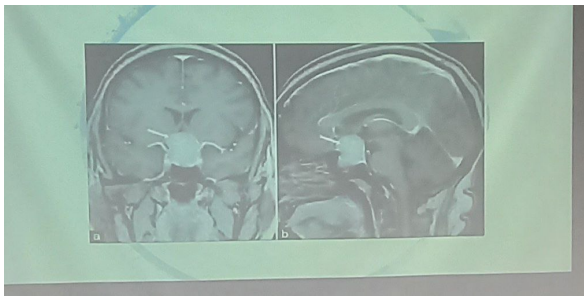


faliur in closure  
spinal Bifida  
consist from CSF and  
neural tissue

decrease in folic acid

weakness

myelomeningocele with neural tissue  
meningocele without neural tissue



type of tumor  
functional and non-functional  
functional hypersecretion of hormone  
hyposecretion non-functional

Cushing syndrome happens when the body has too much of the hormone cortisol for a long time. This can result from the body making too much cortisol, or from taking medicines called glucocorticoids, which affect the body the same way as cortisol.

Too much cortisol can cause some of the main symptoms of Cushing syndrome — a fatty hump between the shoulders, a rounded face, and pink or purple stretch marks on the skin. Cushing syndrome also can cause high blood pressure or bone loss. Sometimes, it can cause type 2 diabetes.

hypersecretion of growth hormone leads  
to gigantism before adulthood  
acromegaly after adulthood

TSH hyperthyroidism

hypersecretion of  
prolactin increase the  
secretion milk

functional first line of treatment by surgery

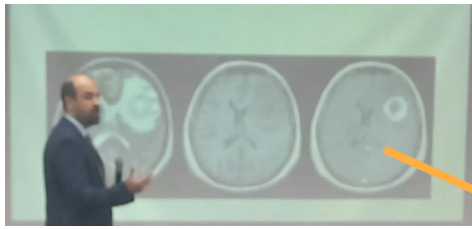


except prolactinoma  
we give dopamine  
agonist

non-functional tumor  
treatment



bitemporal hemianopsia  
tumor will be large



tumor in the frontal lobe on the left side

problem in cognition

motor in the contralateral side

Broca area motor aphasia

seizures

increase intracranial pressure lead to headache, vomiting

if the tumor is respectable we will make surgery  
and if the tumor is not respectable we will use chemotherapy



→ Done by Layan Daoud