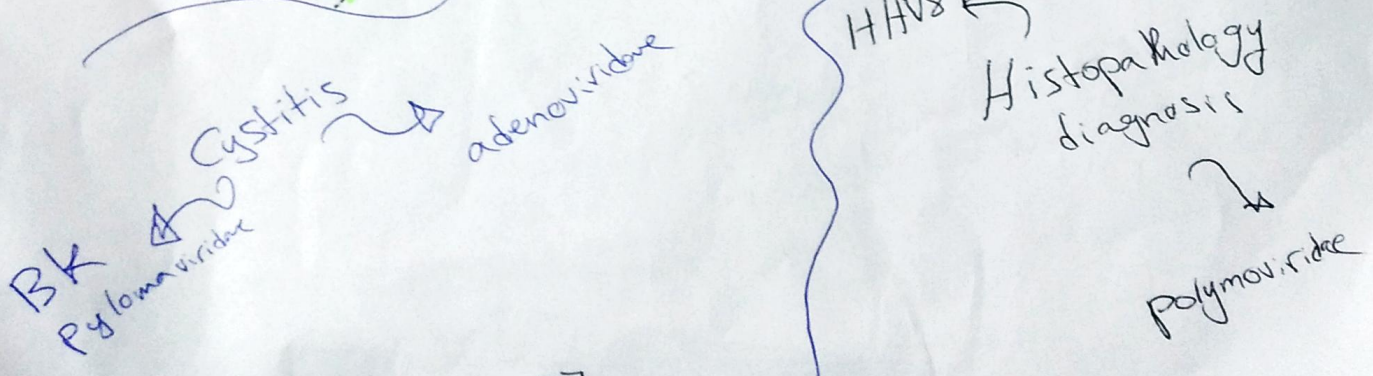
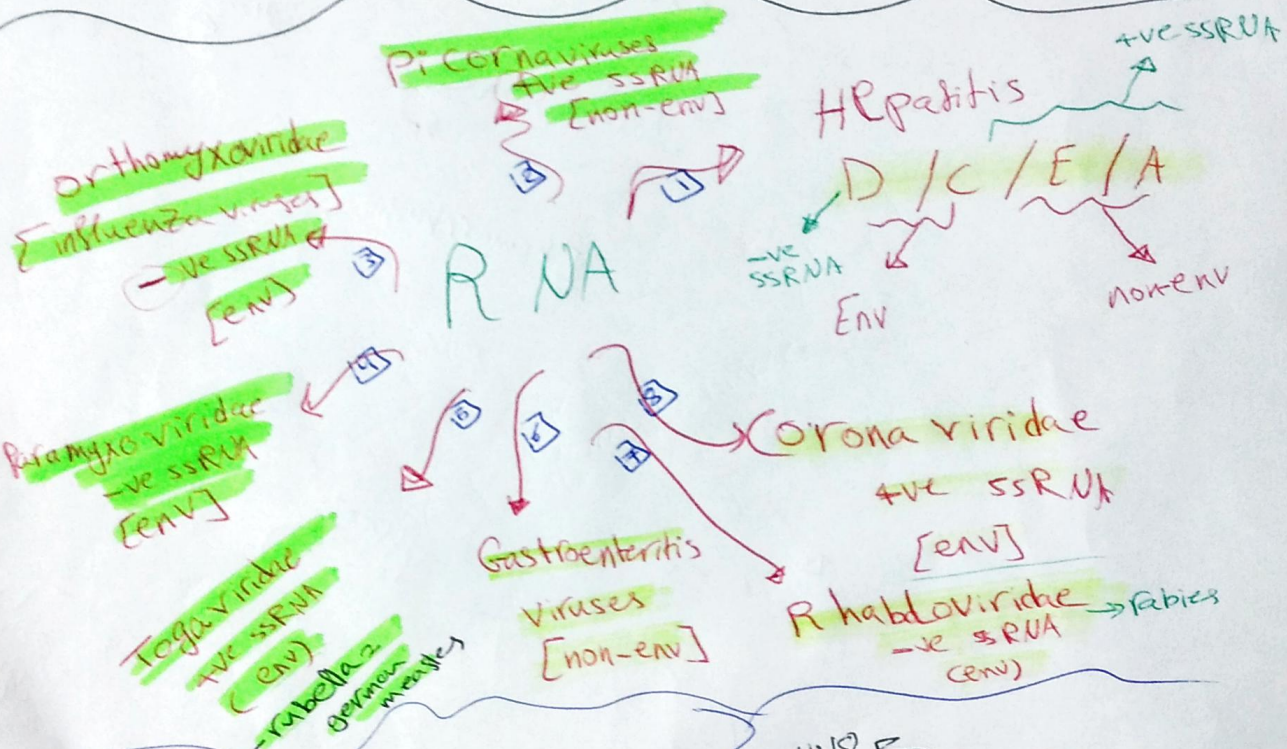
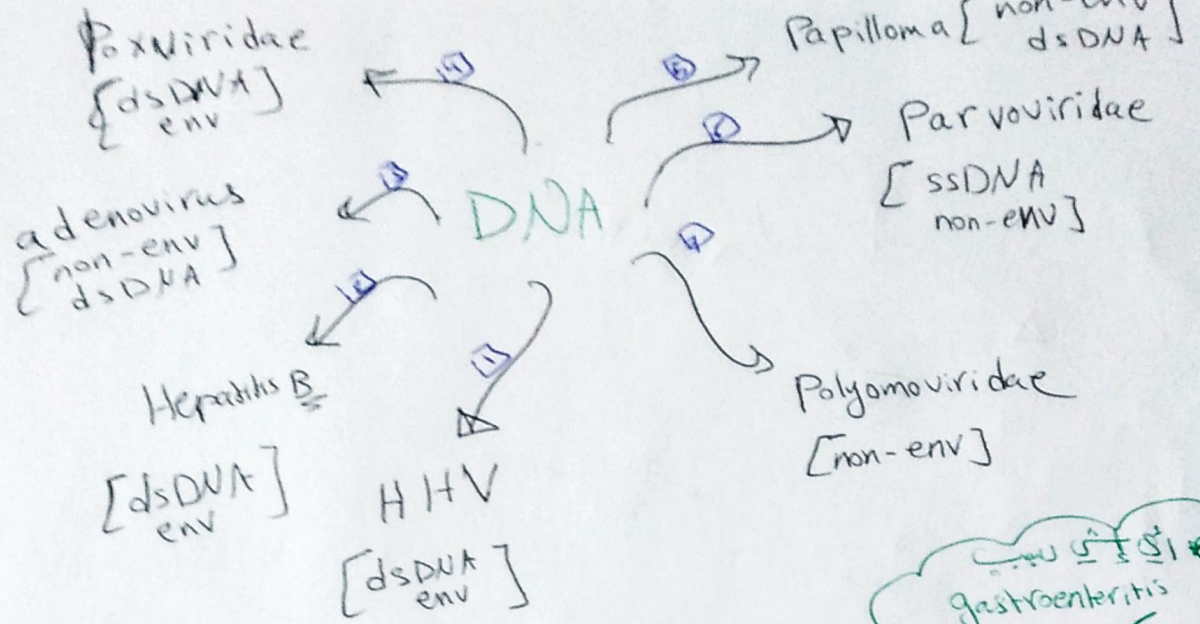
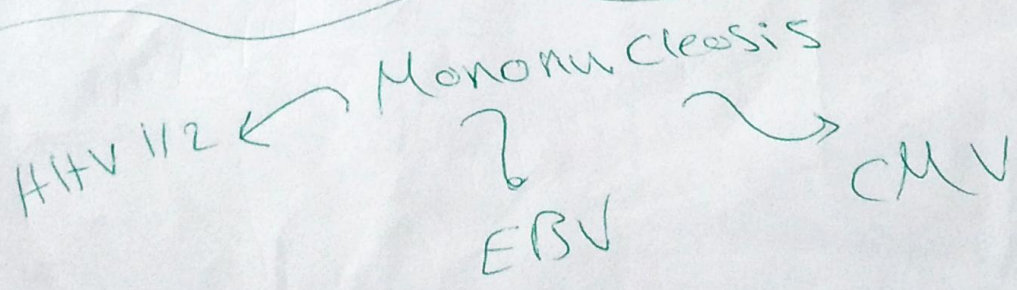
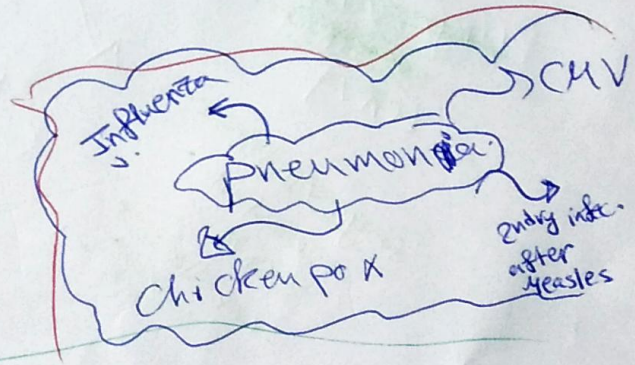
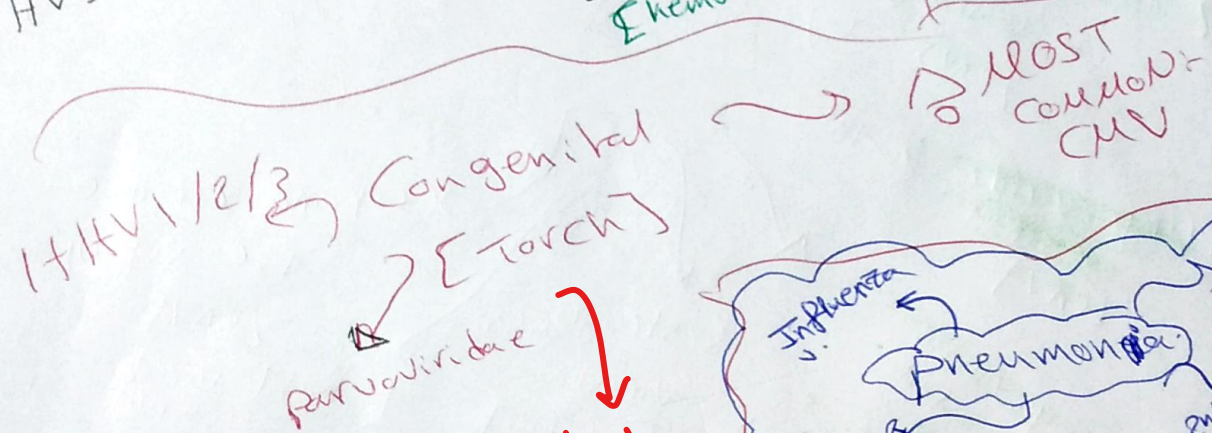
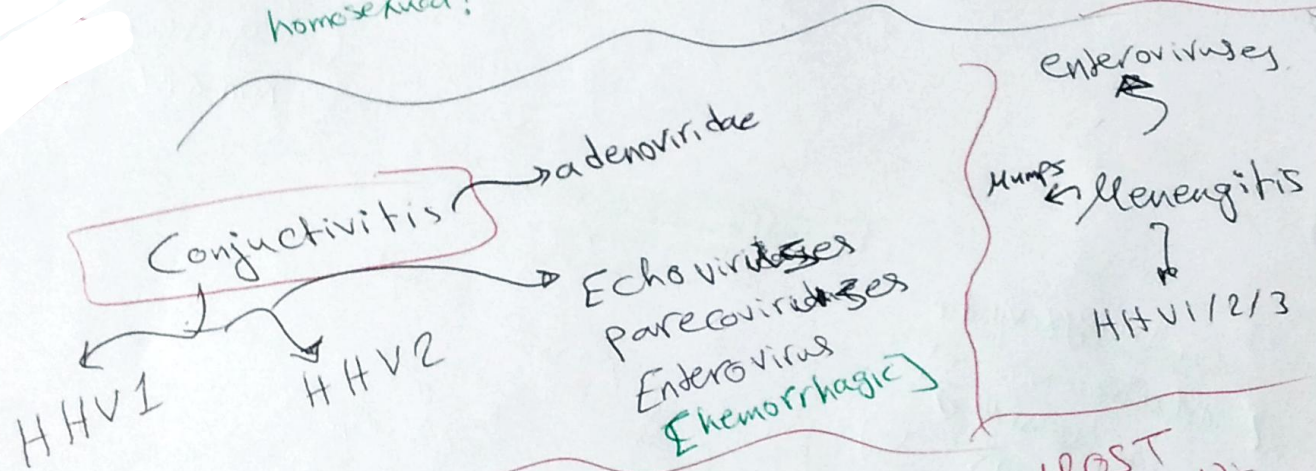
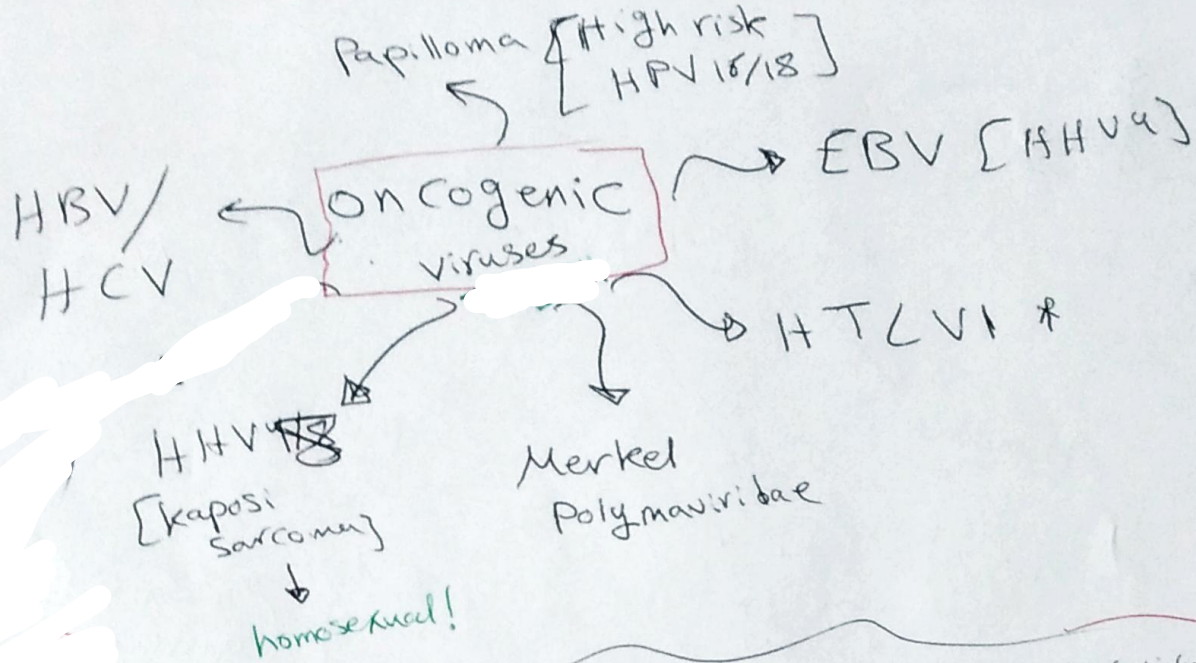
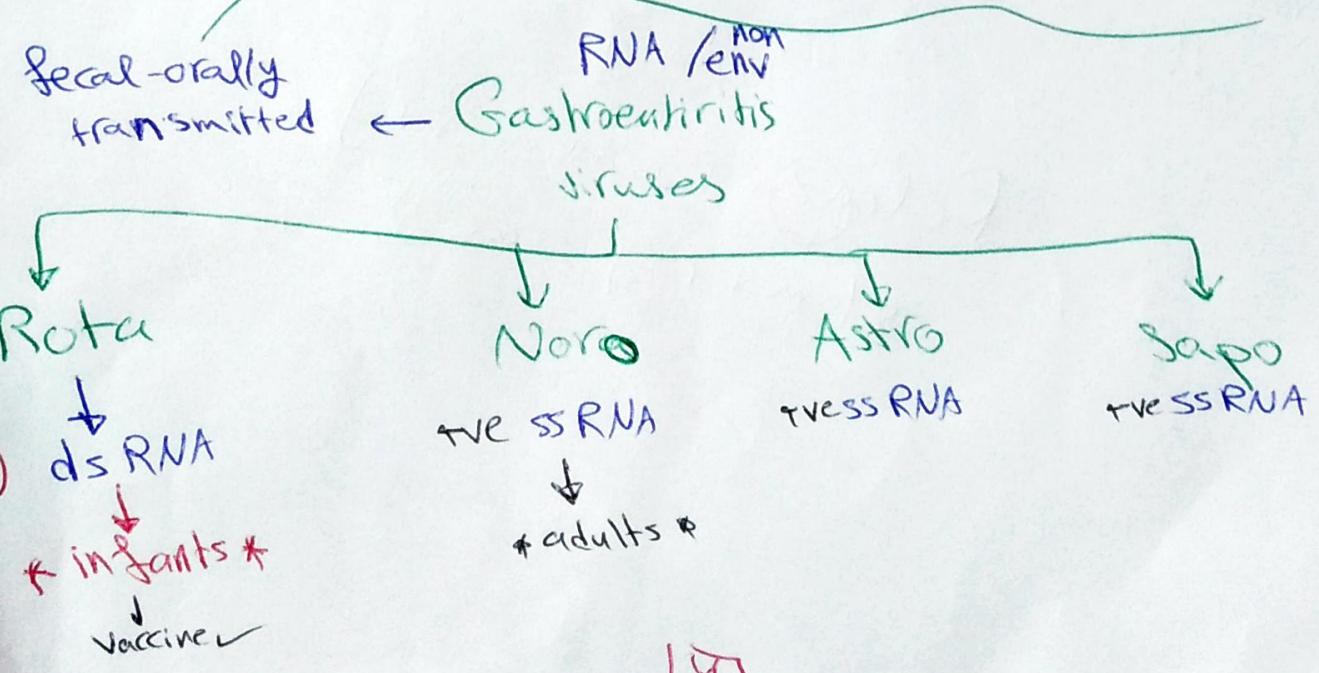
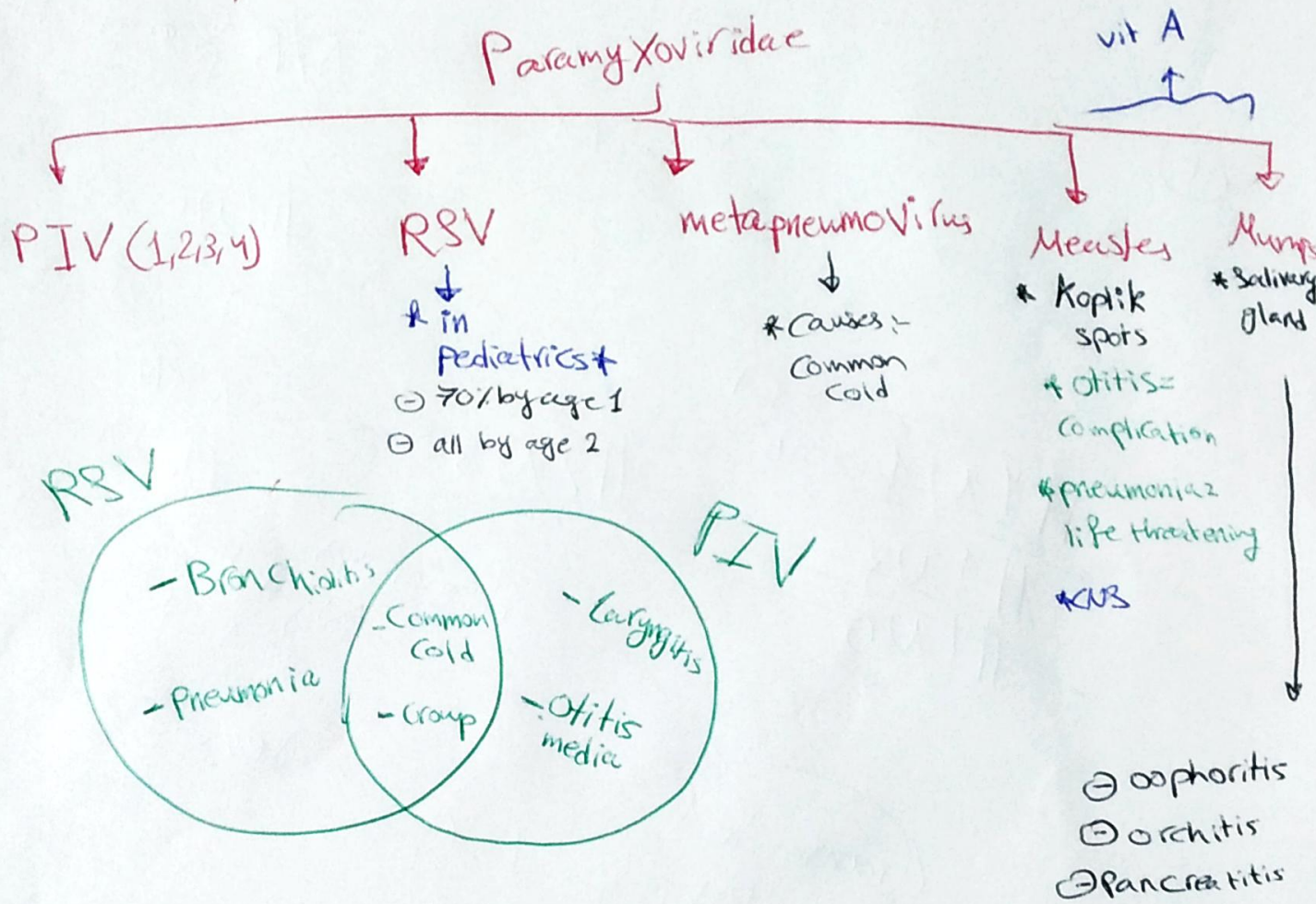


Env = enveloped

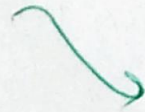




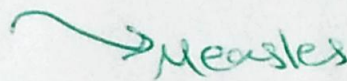


HHV 1/2

encephalitis



Rabies



Measles

[encephalitis]

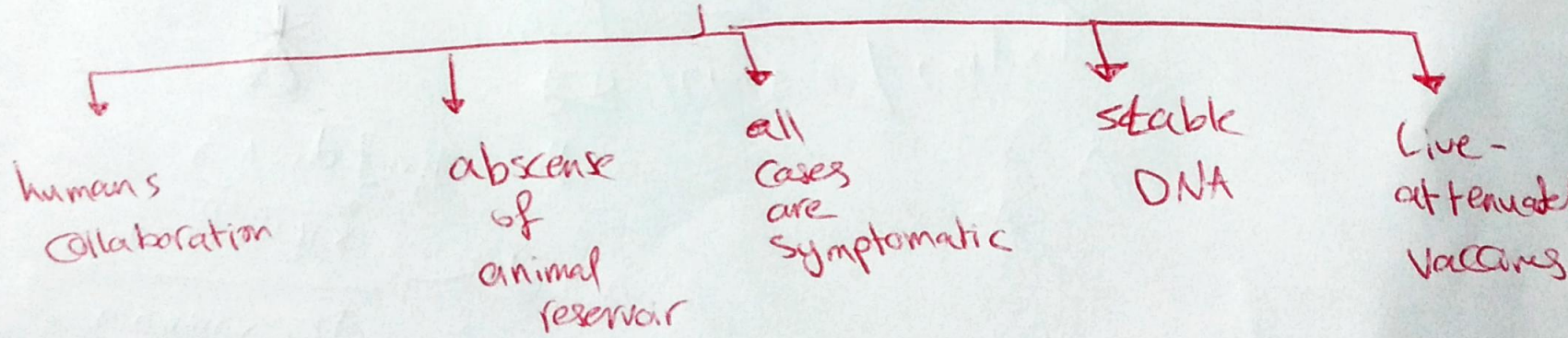
postinfectious

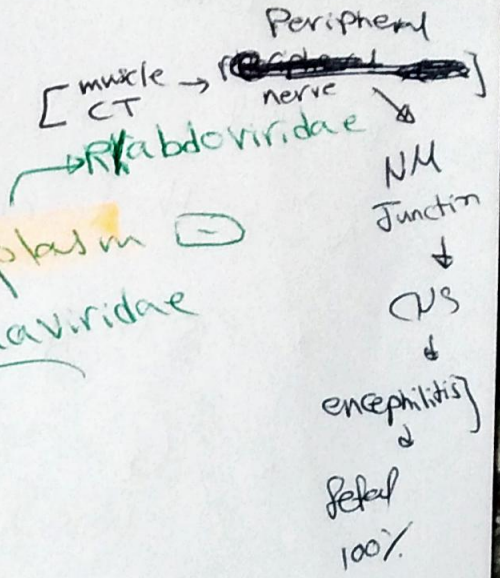
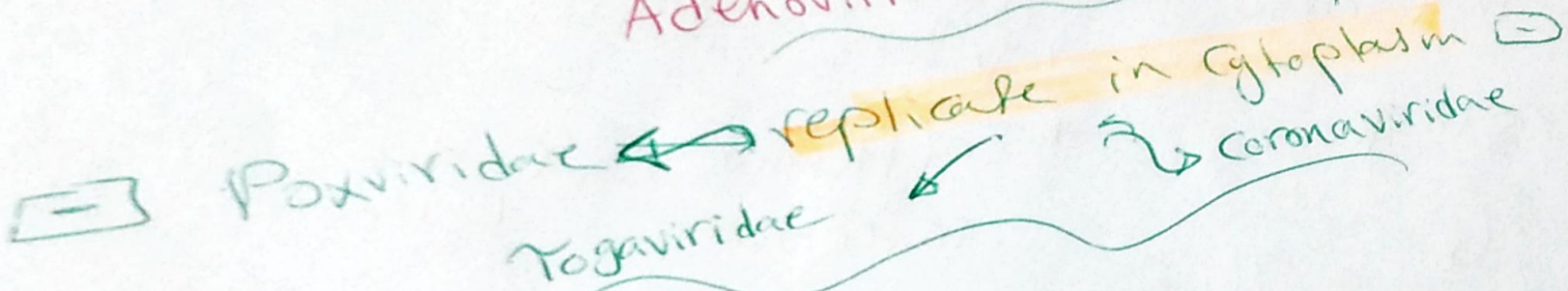
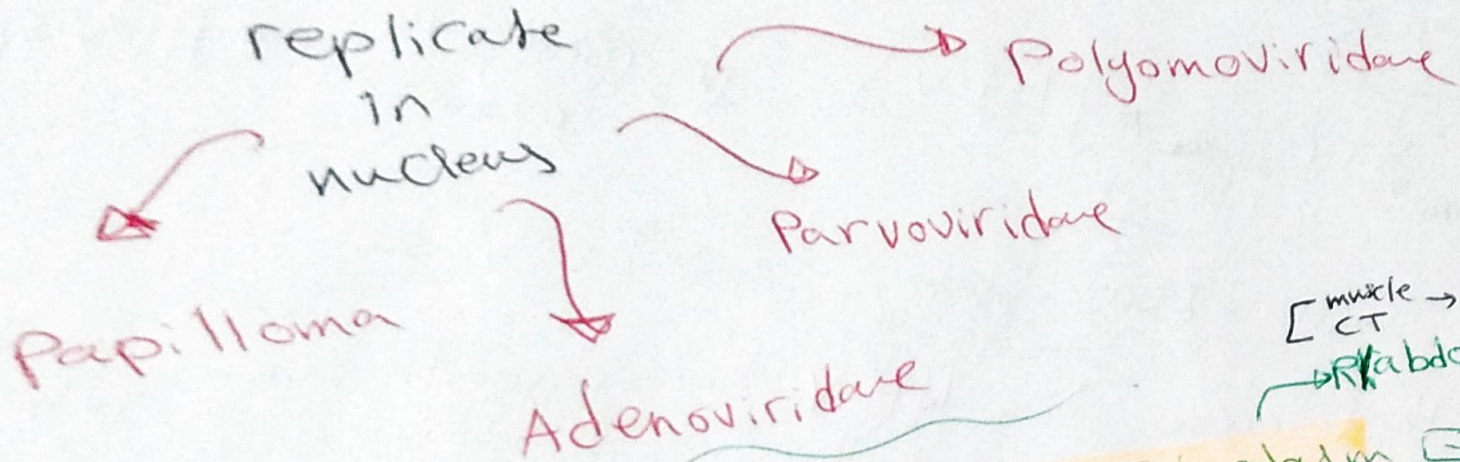
encephalomyelitis

subacute sclerosing

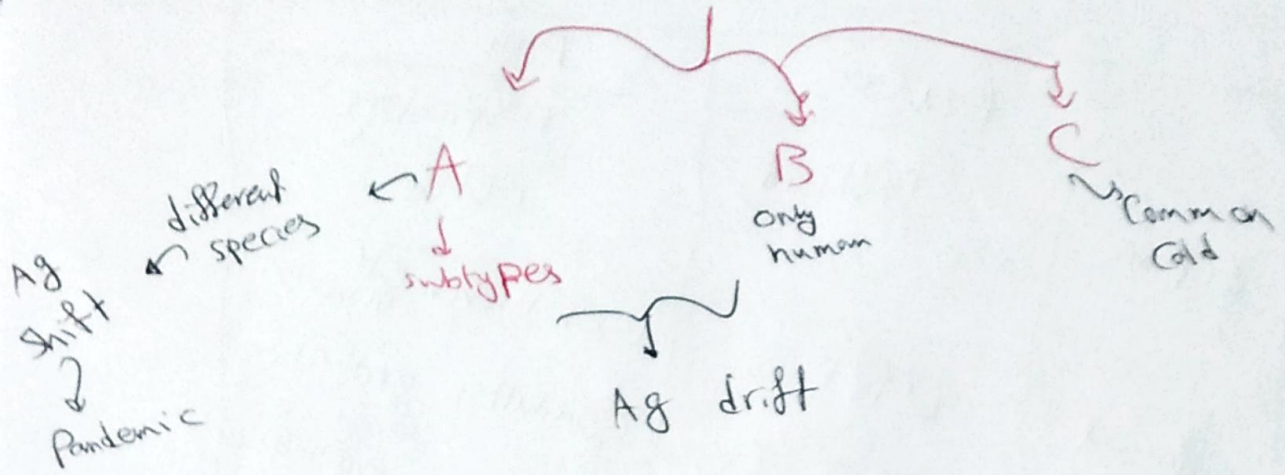
panencephalitis

successful eradication of smallpox





Orthomyxoviridae



CMV

immunosuppressed

- retinitis
- gastroenteritis
- pneumonia

Congenital:

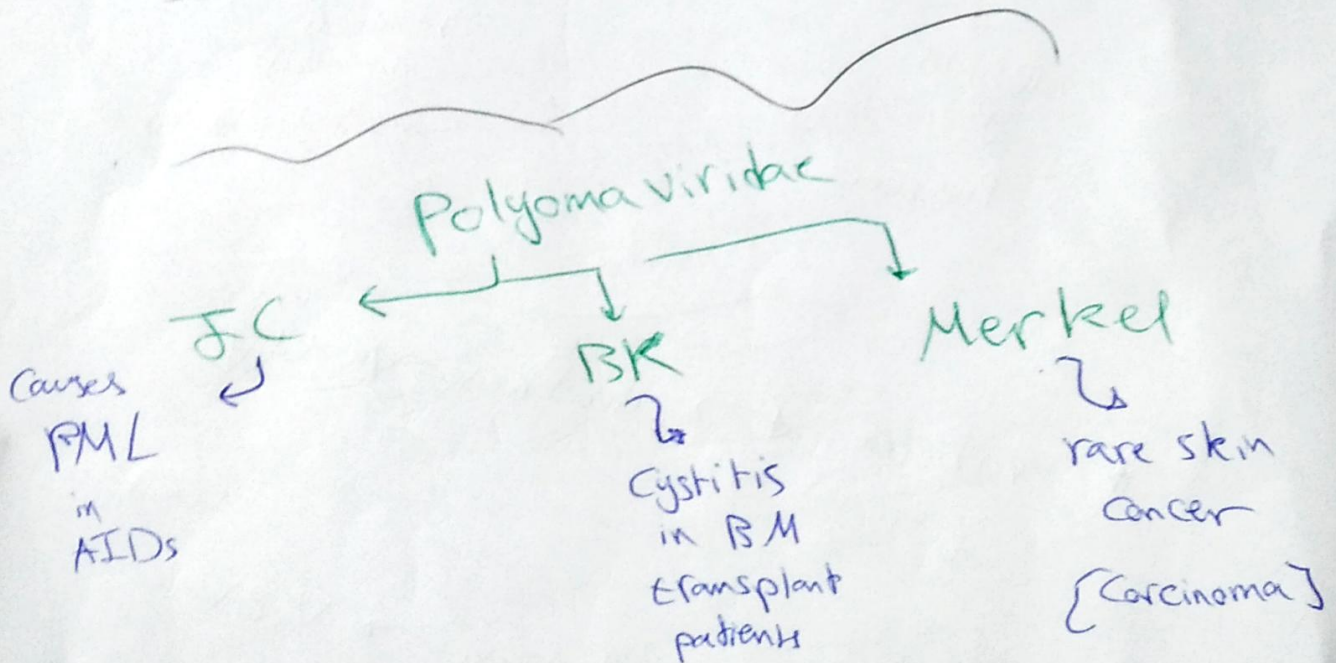
- blindness
- deafness
- mental retardation

* rubella → deafness → CMV
(Toga)

* CMV → blindness → VZV

Parvoviridae:-

	B19	B19
Eropism	erythroid	respiratory cells
Clinical features	URTIs LRTIs	<ul style="list-style-type: none"> ⊖ Children: 5th disease ⊖ adults: - arthritis ⊖ Immunosuppressed: - chronic anemia ⊖ anemic patients: - aplastic crisis ⊖ Congenital patients: - hydrops fetalis



NOTE 8

* Common virus → STD

HPV

* Condyloma acuminata → HPV 6/11

* Oval hair

Leukoplakia → EBV

* 5th disease → HHV 6/7 → roseola infantum → [Erythema subitum]

* 5th disease → Erythema infectiosum → rash + fever → Slapped cheeks

Caused by B19 parvoviridae

* rino viruses → in fall, winter, spring *

* Adenoviridae → not specific for a season
* influenza → winter

* almost latent virus → HHV 6/7 ■ polyomaviridae

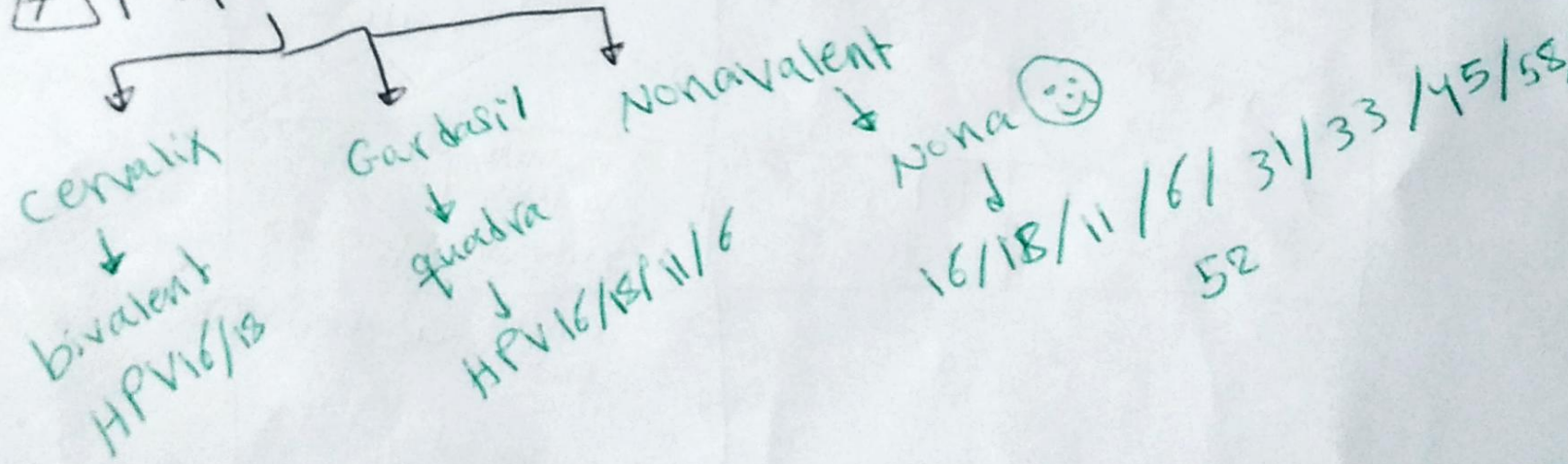
* unknown in latency → parvoviridae

* Vaccines :-

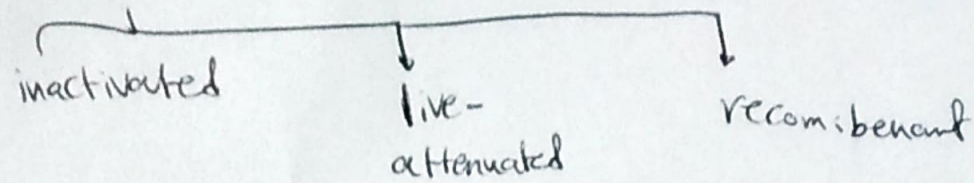
detected
100%

- 1] HAV → inactive
- 2] HBV → subunit
- 3] Polio → IPV → Salk
→ OPV → Sabin
- 4] Chickenpox → Live-attenuated
- 5] Zoster → both recombinant subunit & Live attenuated [therapeutic]
- 6] Adenoviruses → Live attenuated

7] Papillomaviridae → Subunit vaccine



[8] Orthomyxoviridae :- Bivalent } Quadrivalent
 2A, 1B 2A, 2B



[9] MMR → live attenuated [Measles, Mumps, Rubella]

[10] Rotavirus → gastro → live attenuated

[11] Rabies → Rhabdo → passive immunization