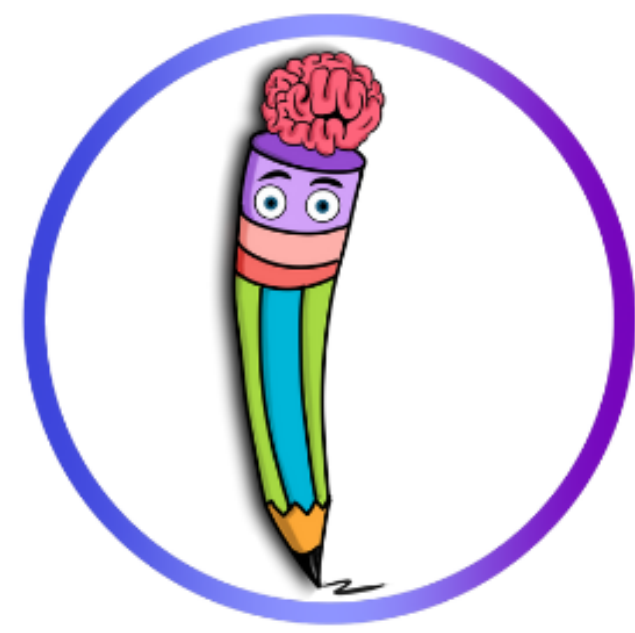


VISUAL MNEMONIC

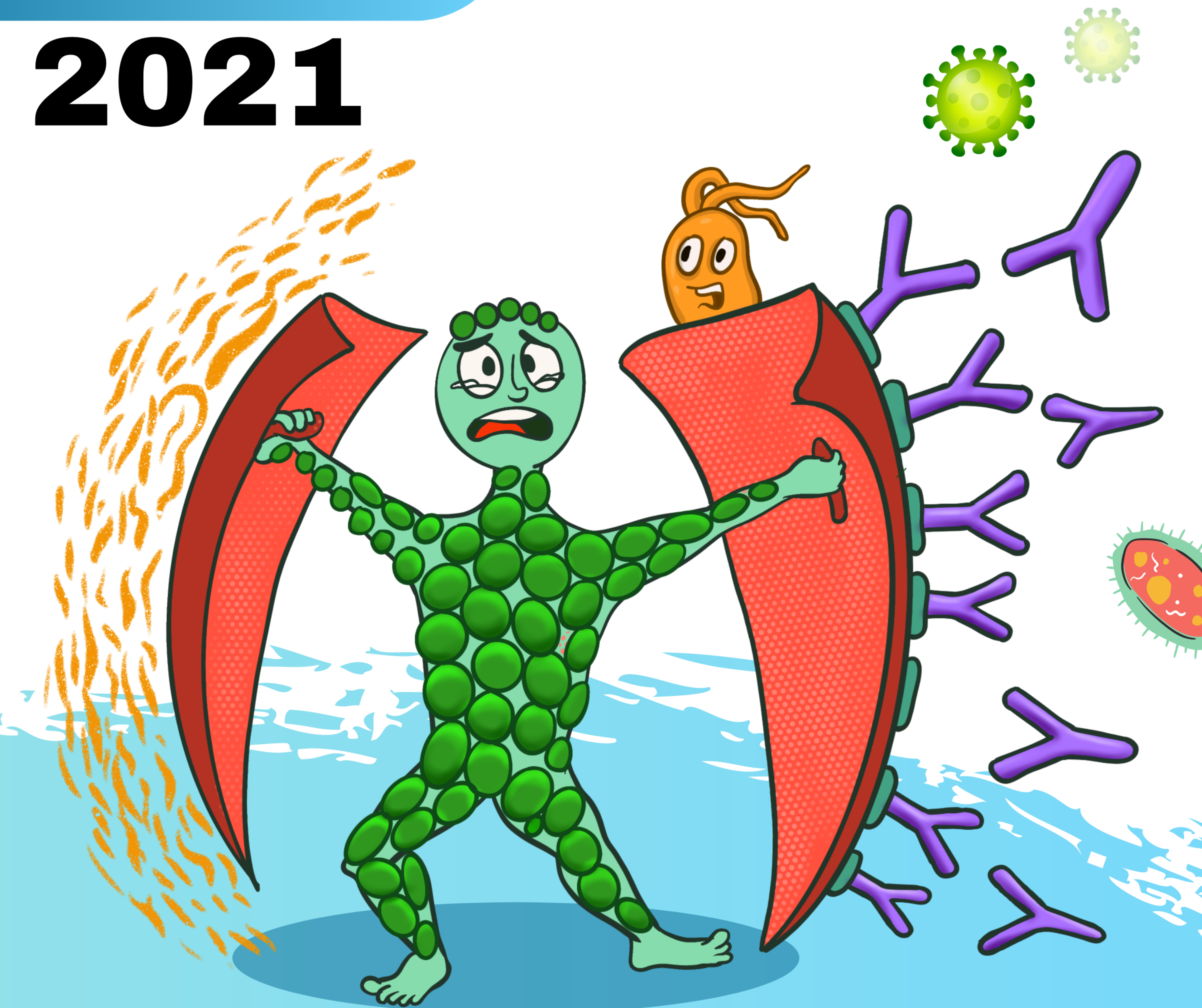
MICROBIOLOGY

FULLY
UPDATED



DR. NAZMUL ALAM

2021



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Culture media and stains

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Clinical Microbiology

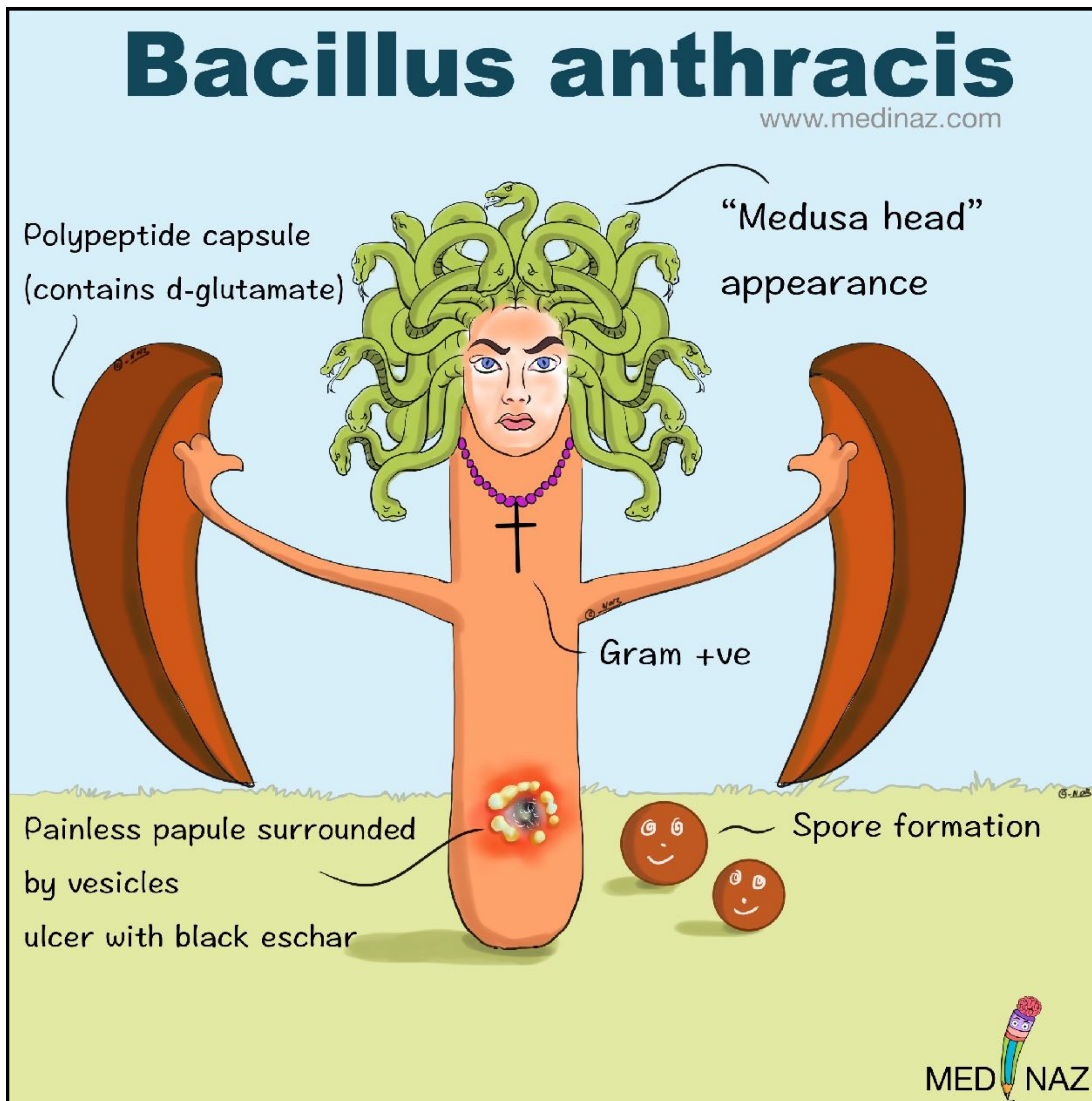
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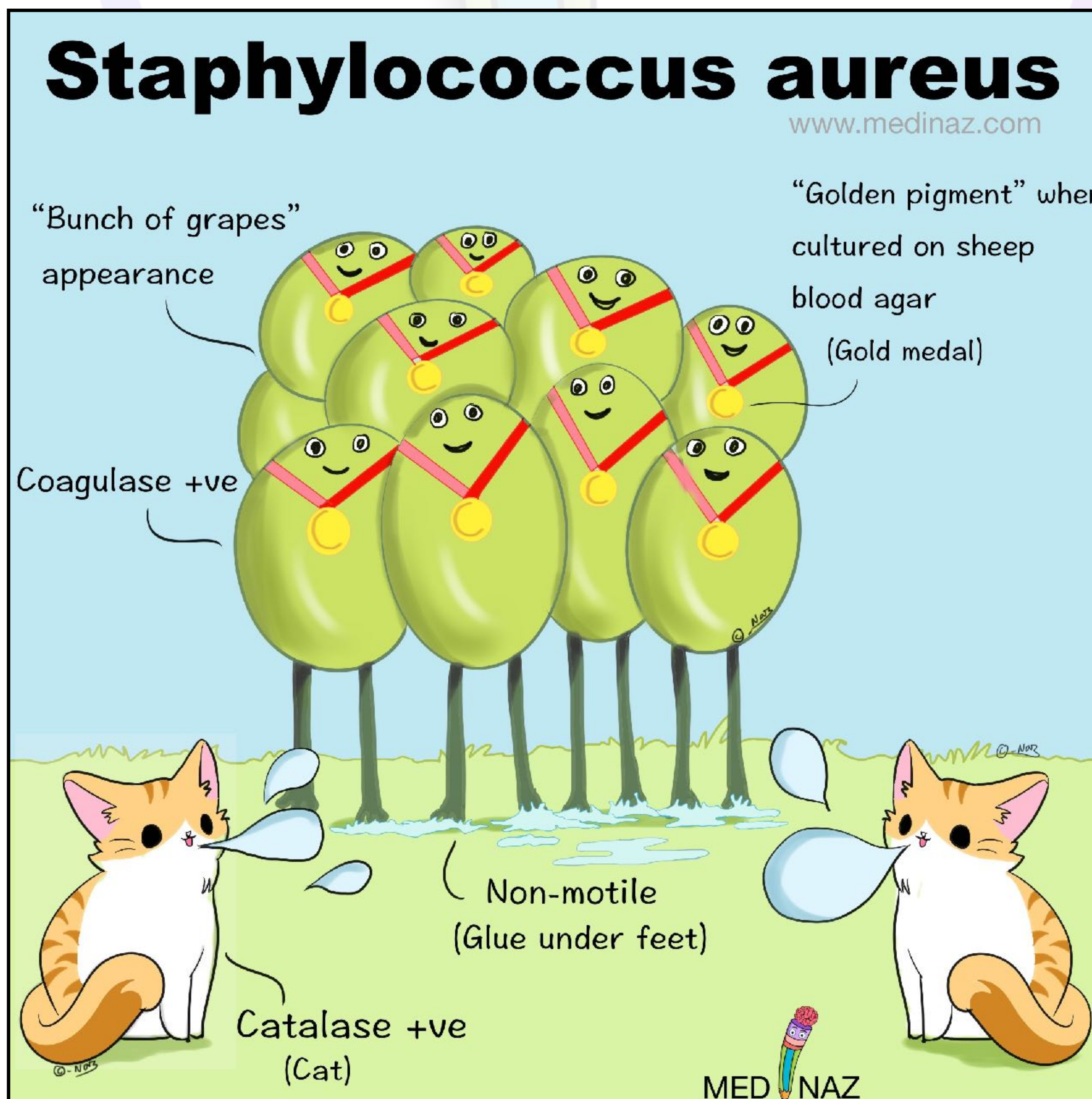
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SAMPLE PAGES

Bacillus Anthracis



Staphylococcus aureus



Streptococcus pneumoniae

Streptococcus pneumoniae

www.medinaz.com

Most common cause of

- Meningitis
- Otitis media (in children)
- Pneumonia
- Sinusitis

Mnemonic

MOPS can spread
pneumonia

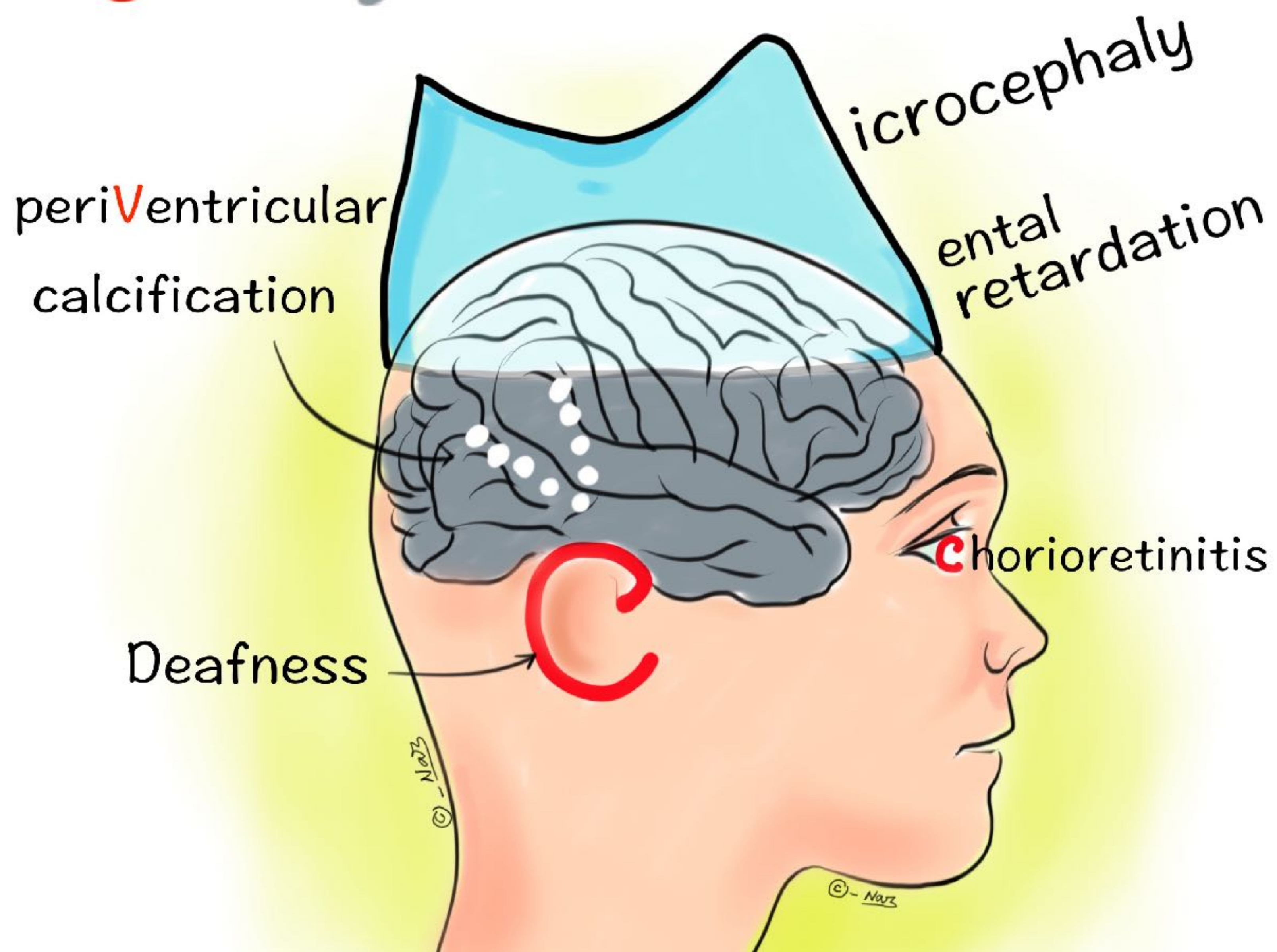


Cytomegalovirus infection in Newborn

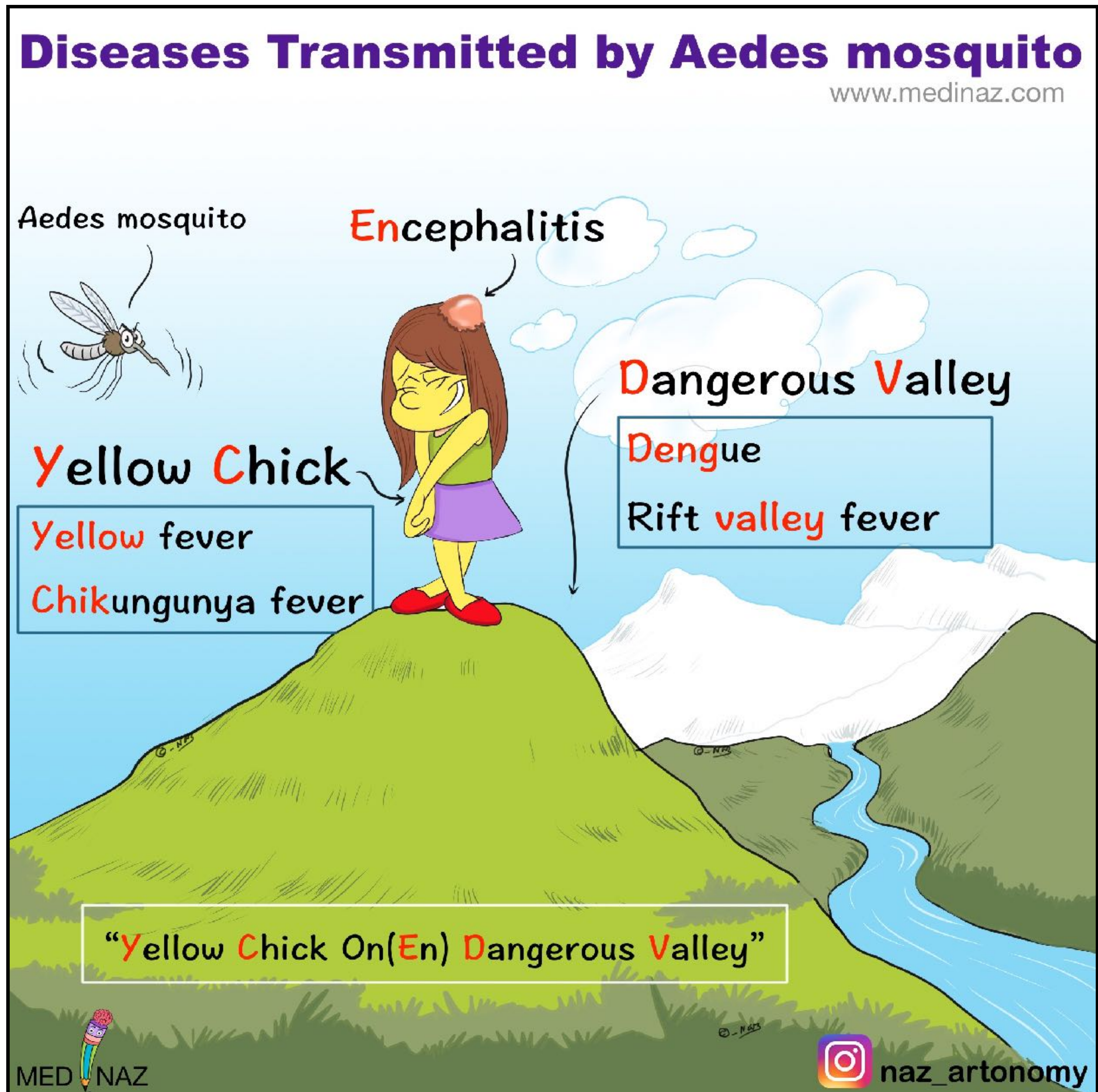
Cytomegalovirus infection in Newborn

www.medinaz.com

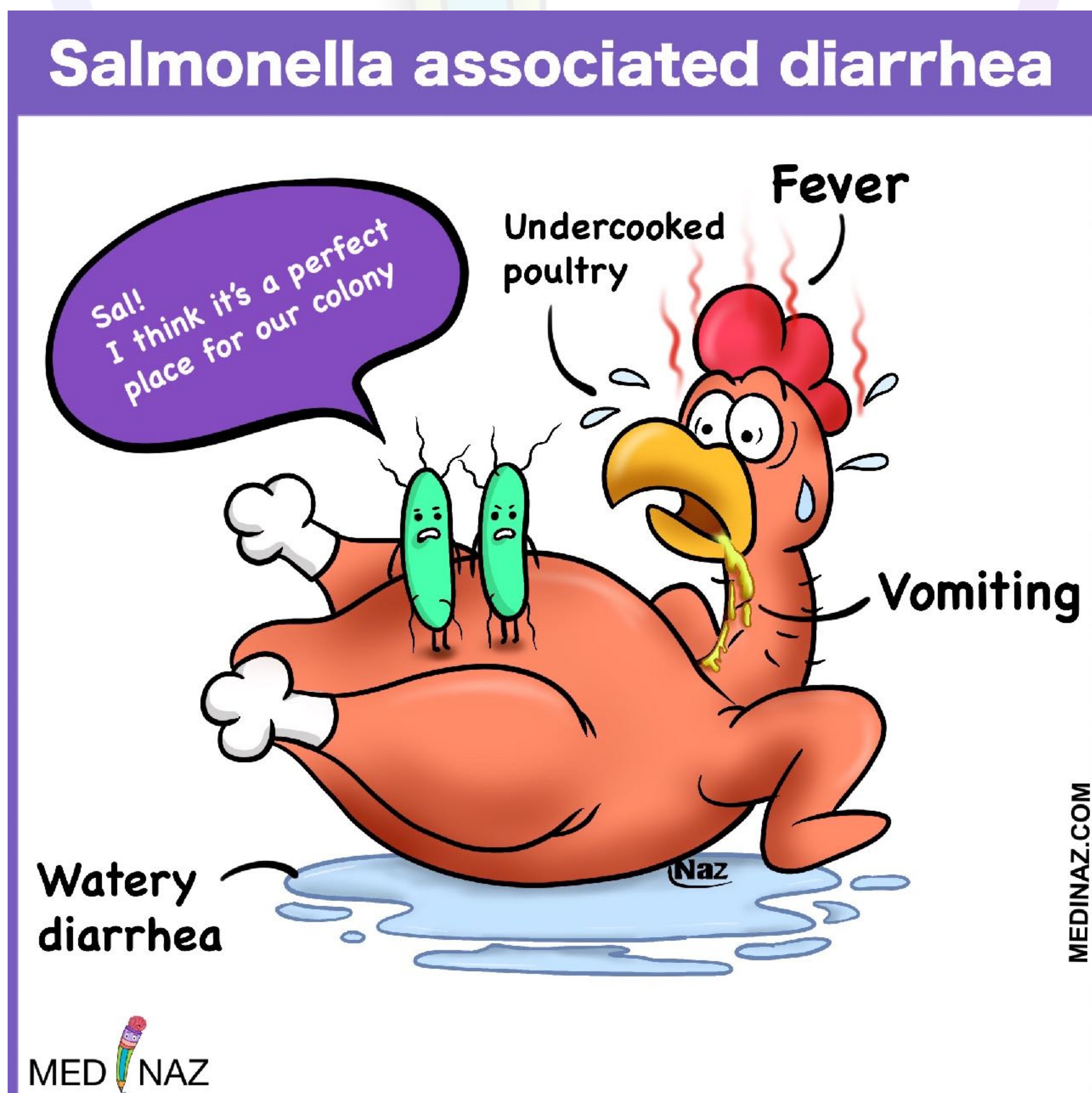
C **M**  = CMV



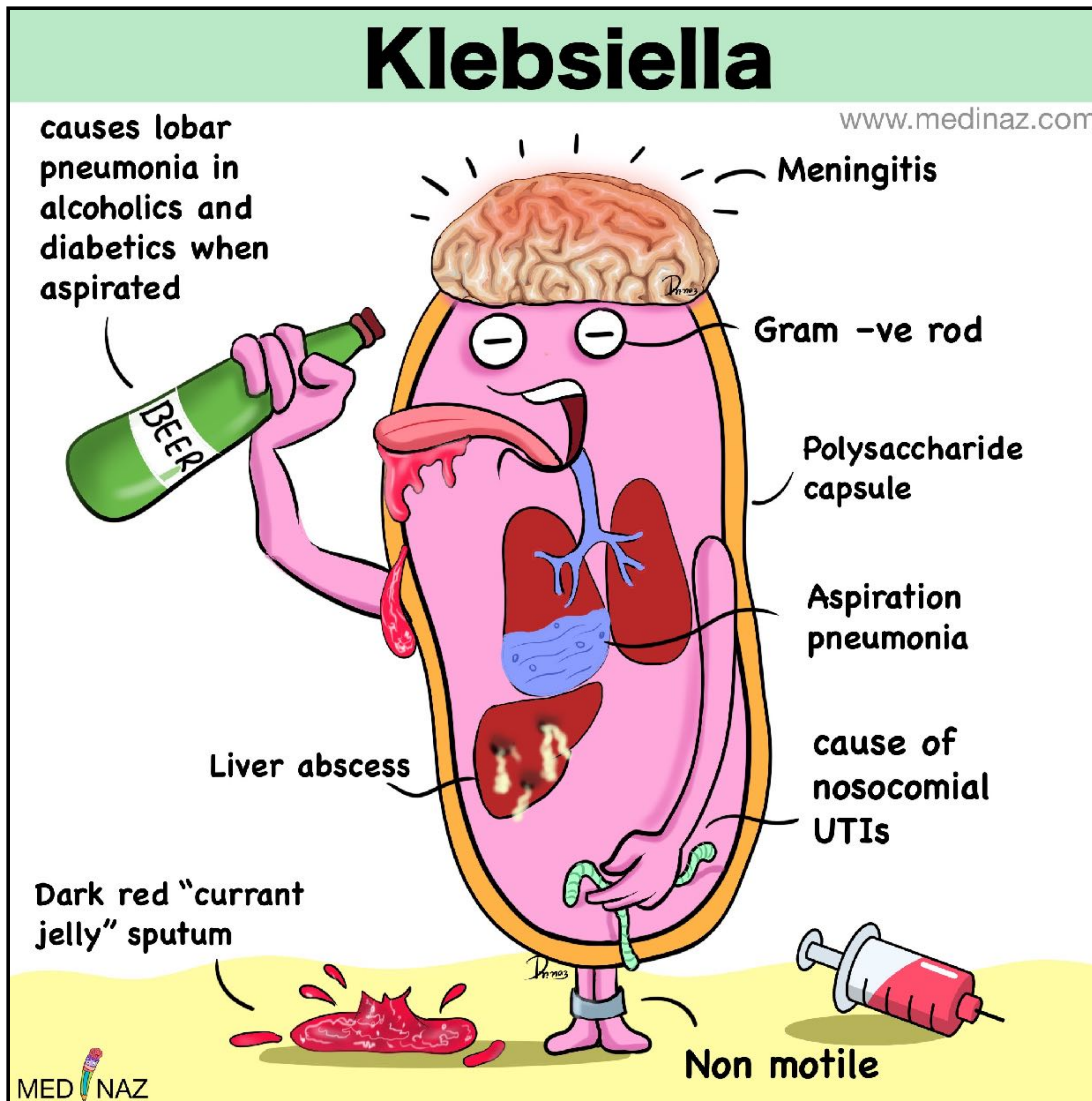
Diseases transmitted by Aedes mosquito



Salmonella associated diarrhea



Klebsiella



T & B cell types

T & B Cell types

www.medinaz.com

T-cell types:

Helper
Memory
Cytotoxic
Suppressor

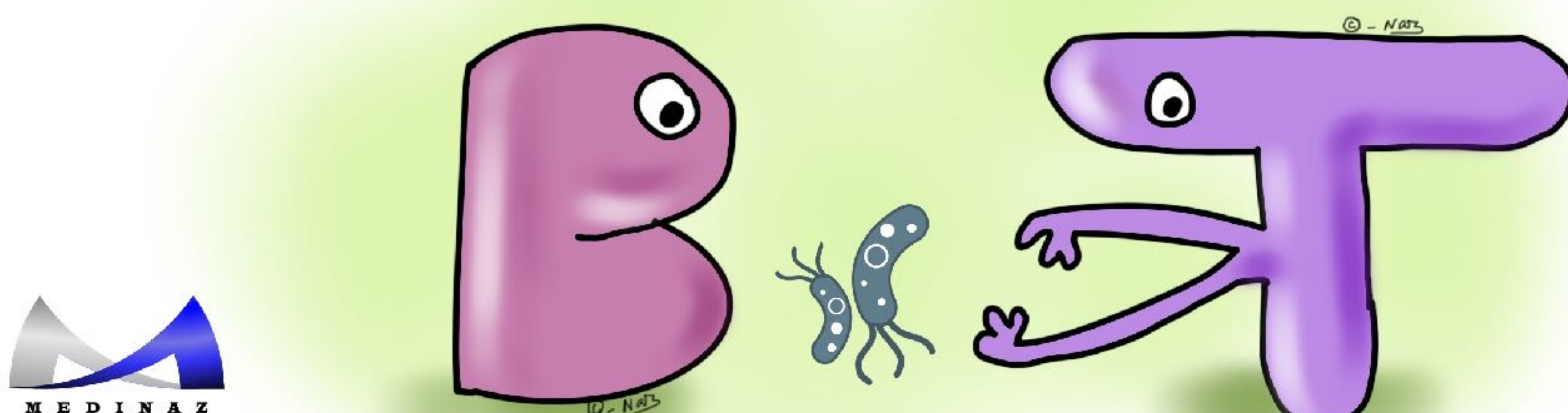
B-cell types:

Memory cell
Plasma cell

When bacteria enter body,

T-cell says to B: "**H**elp **M**e **C**atch **S**ome!"

B-cell replies: "**M**y **P**leasure!"



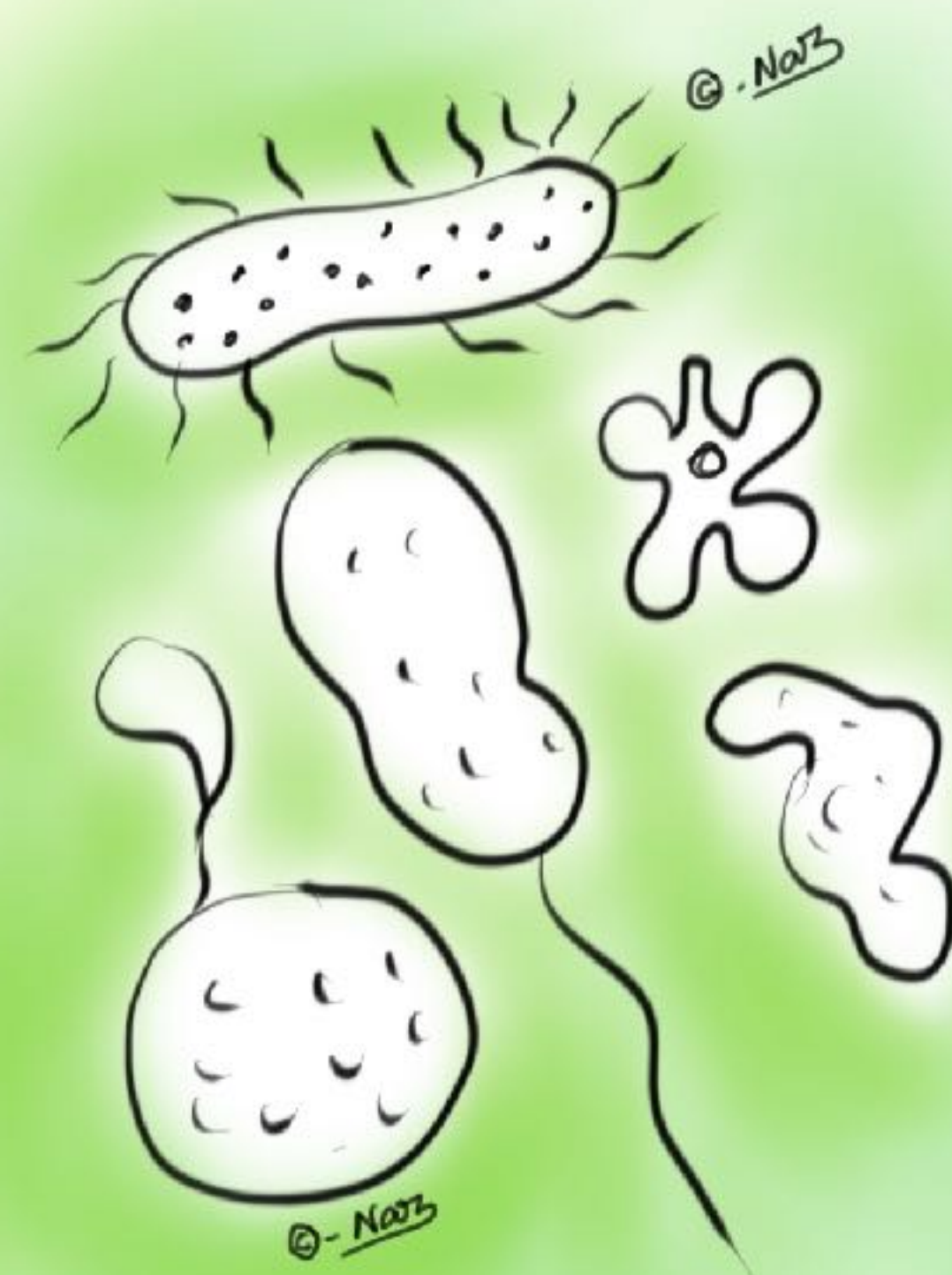
Bugs do not Gram stain well

Bugs do not Gram stain well

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Treponema,
Leptospira
Mycobacteria
Mycoplasma,
Ureaplasma
Legionella,
Rickettsia,
Chlamydia,
Bartonella,
Anaplasma,
Ehrlichia

“These Little Microbes May
Unfortunately Lack Real
Color But Are Everywhere”



Day of appearance of rash in febrile patient

Day of appearance of rash in febrile patient

Varicella - day 1
Scarlet fever - day 2
Pox (small) - day 3
Measles - day 4
Typhus - day 5
Dengue - day 6
Typhoid - day 7

“Very Sick Person Must
Take Double Tablets”

