



SLIDE O SHEET

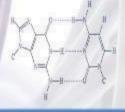


SLIDE: 8-monosaccharide

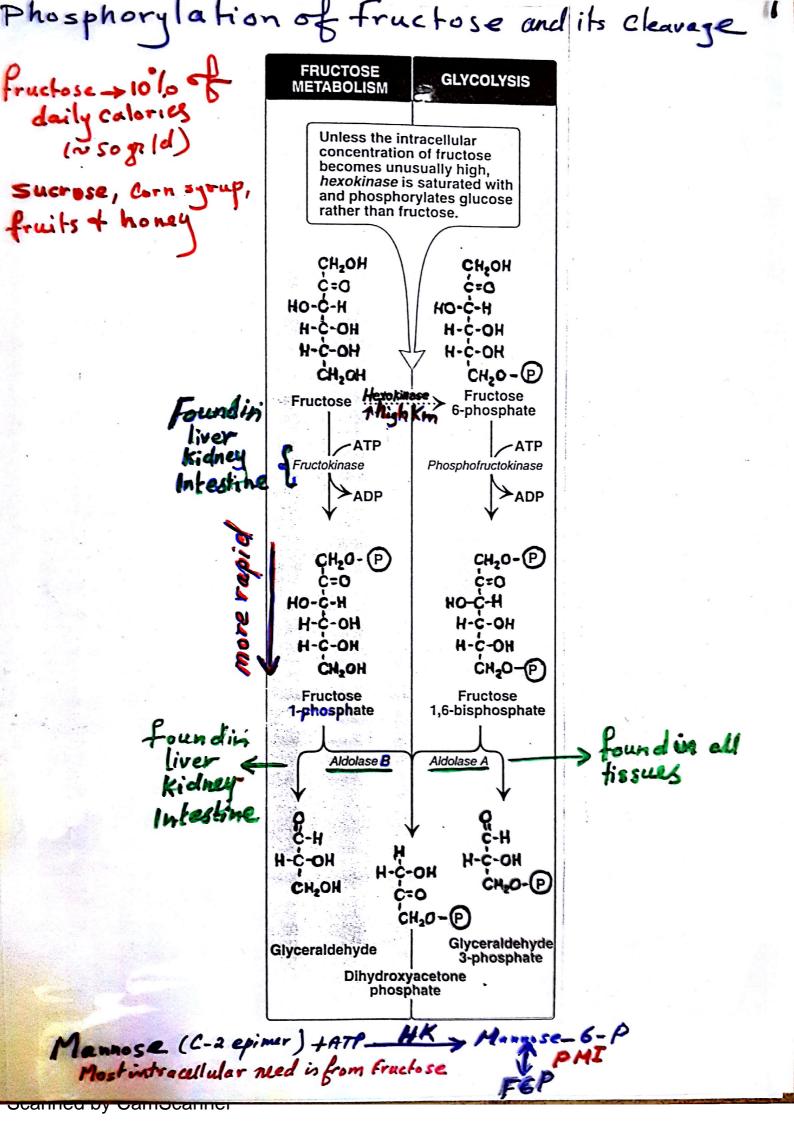


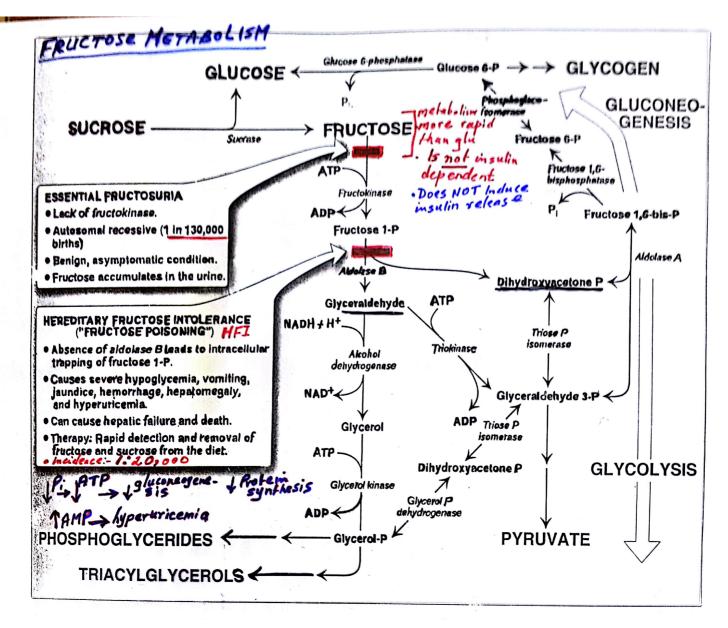
DR.NAME: Nayef Kradsheh

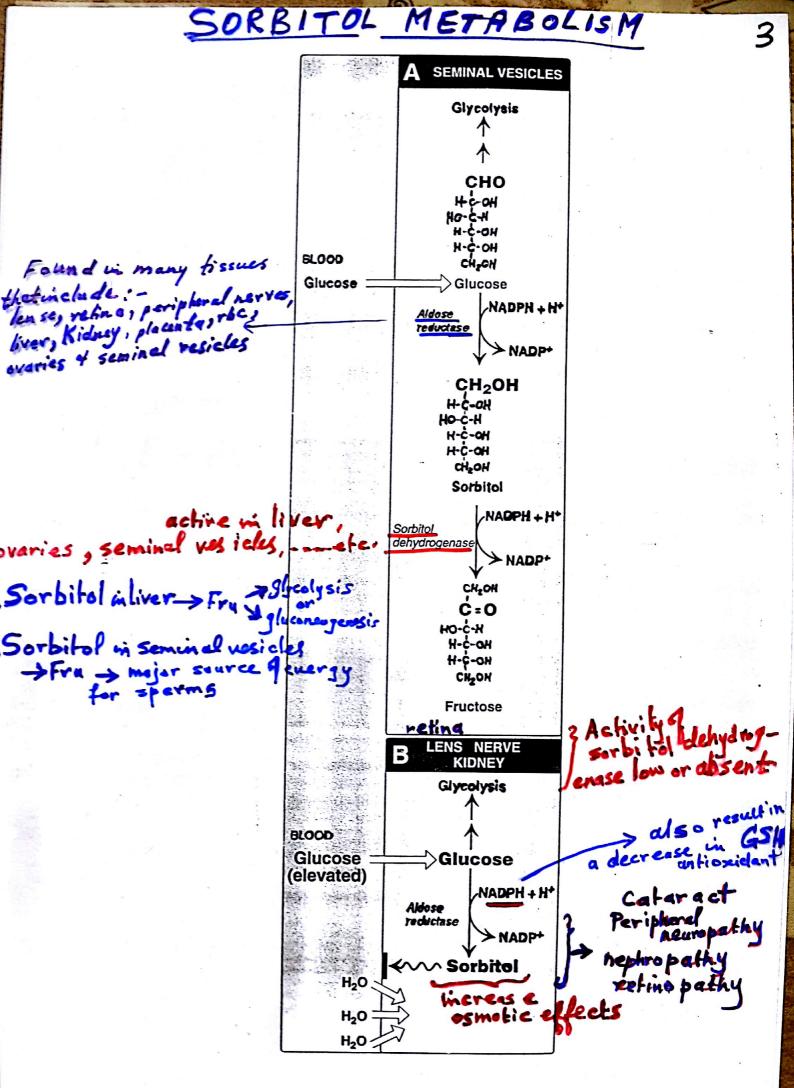
Biochemistry

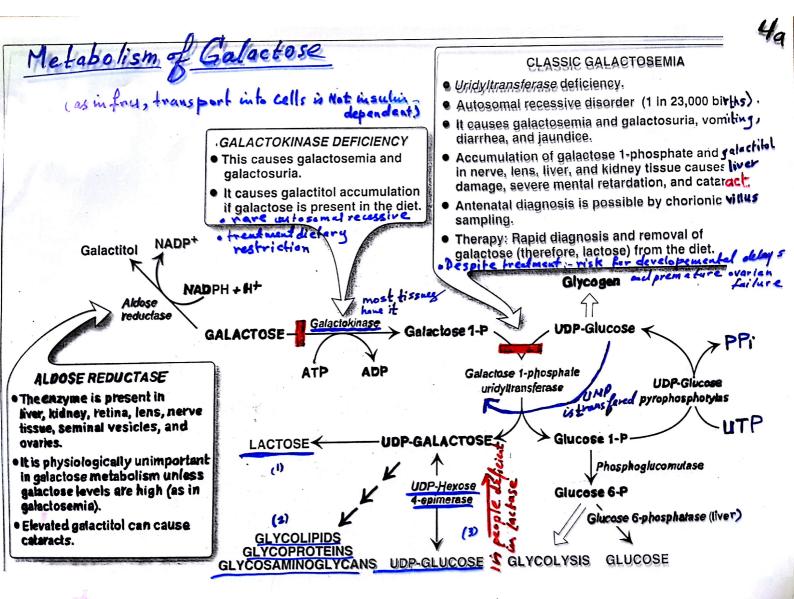


Majida Al-Foqaraa'

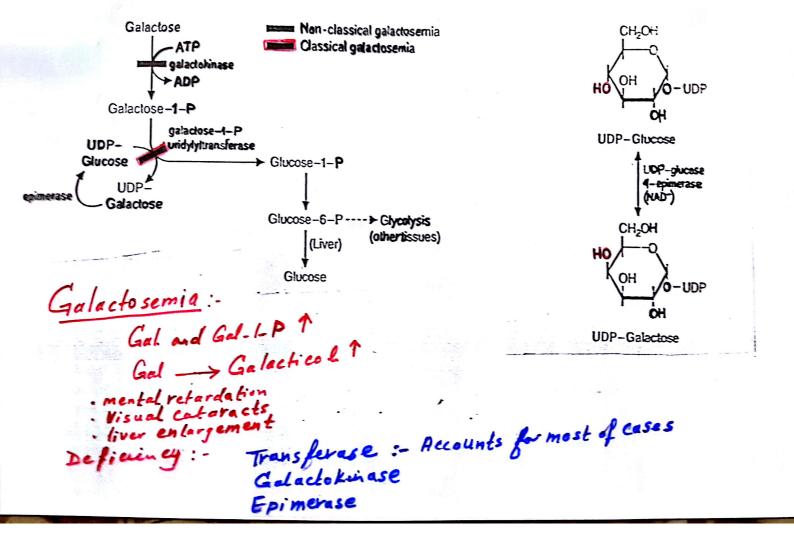








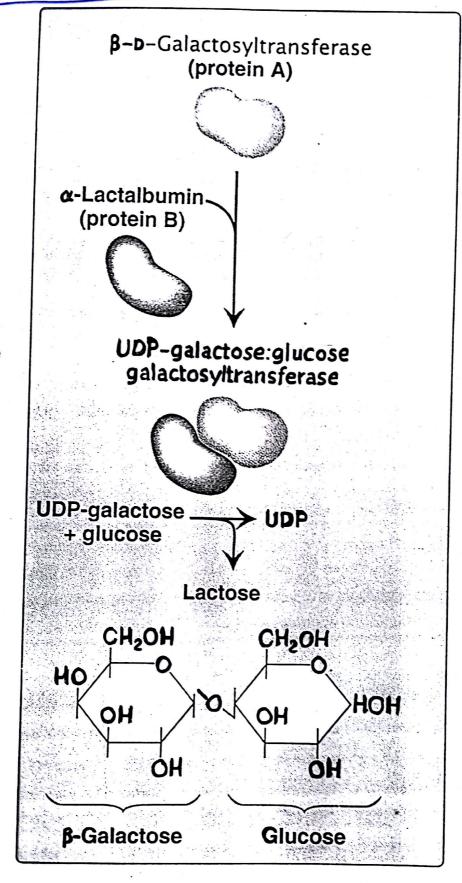
Galactose Metabolism:



Lactose Synthesis:-

UDP_Gal L.S. Lactose L.S. = membrane bound Galactosy transferose and d-loctalbumin Complex UDP-Gal+ Gle-N-acetyl Protein EnzI Gal (1 24) - Glu-N-acetyf---- Protein a-lacta/bumin Lowers the Km of Enz I from 1200 mm to 1mM

LACTOSE SYNTHESIS



Key reactions for metabolism of fructose and Galactose (2) Glycogen Galactose Uridyltransferase Glucose 1-P **Fructose** (1) Gluconeogenesis Glucose Fructose 1-P Aldolase B Glyceraldehyde Dihydroxyacetone P Glyceraldehyde P Glycolysis **Pyruvate**