

Normal (1 case)

normal pH

normal HCO_3^-

Fully compensation (4 cases)

normal pH

not normal HCO_3^-

13
case

no compensation (4 cases)

not normal pH

ایون تغیر دایرن

Partially compensation (4 cases)

not normal pH

not normal HCO_3^-

	pH	CO ₂	HCO ₃ ⁻	Case	
Normal	—	—	—	normal	↑ : زاد الأحي ↓ : قل الأحي
	↖ acidosis (7.35 - 7.4) —	↑	↑	Fully compensatal Respiratory Acidosis	normal : — • ↓ CO ₂ أو pH (تصحيح حالة ↓ عن طريق) (تبرعم حالة ↓ عن طريق) • ↓ HCO ₃ أو pH (زيادة)
Fully compensation	↖ alkalosis (7.4 - 7.45) —	↓	↓	Fully compensatal Respiratory Alkalosis	↑ : زيادة كبير ↑ : زيادة صغير
	↖ acidosis (7.35 - 7.4) —	↓	↓	Fully compensatal Metabolic Acidosis	↓ : نقصان كبير ↓ : نقصان صغير
	↖ alkalosis (7.4 - 7.45) —	↑	↑	Fully compensatal Metabolic alkalosis	
	↓ pH ↓	↑	—	not compensatal Respiratory Acidosis	
no compensation	↑ pH ↑	↓	—	not compensatal Respiratory Alkalosis	
	↓	—	↓	not compensatal Metabolic Acidosis	
	↑	—	↑	not compensatal Metabolic alkalosis	
	↓	↑	↖ partially CO ₂ : زيادة normal : لا يوجد	Partially compensatal Respiratory Acidosis	
Partially compensation	↑	↓	↓	Partially compensatal Respiratory Alkalosis	
	↓	↓	↓	Partially compensatal Metabolic Acidosis	
	↑	↑	↑	Partially compensatal Metabolic alkalosis	

written by : mohamad mohy

Reviewed by : Muhammad Almqjbt

[Signature]