

TELEPHONIC CONSULT

Example 1

Blood Gas Values

pH 7.60
pCO₂ 3.06 kPa (23mmHg)
pO₂ -

Electrolyte Values

K⁺ 4.0
Na⁺ 135
Cl⁻ 105
iCa²⁺ not calibrated

Calculated Values

cHCO₃⁻ 21



TRAUMA CENTRE

CAPE TOWN Trauma Centre

19:56 2018/10/14

Identifications

Patient ID **Example 2**
Sample type
FiO₂ 0.6
Temp Not recorded
Baro 101.325 kPa (760 mmHg)

Blood Gas Values

pH 7.26
pCO₂ 8.13 kPa (61 mmHg)
pO₂ 14 kPa (105 mmHg)

Electrolyte Values

K⁺ 5.1
Na⁺ error
Cl⁻ 108

Metabolite Values

Glu 145 mg/dL (8 mmol/l)
Lac not calibrated

Oximetry Values

tHb 8.9 g/dL
SO₂ 96%
Hct 45.9%

Calculated Values

cHCO₃⁻ 26

EMERGENCY DEPT

JOHANNESBURG Emergency Dept

11:58 2018/10/6

Identifications

Patient ID **Example 3**
Sample type arterial
FiO₂ 0.4
Temp 37.9
Baro 84.07 kPa (630.6 mmHg)

Blood Gas Values

pH 7.34
pCO₂ 8.5kPa (64 mmHg)
pO₂ 9.6kPa (72 mmHg)

Electrolyte Values

K⁺ 4.8
Na⁺ 139
Cl⁻ 105
iCa²⁺ 1.1

Metabolite Values

Glu 120 mg/dL(6.7 mmol/l)
Lac 1.7

Oximetry Values

tHb 18.1
SO₂ 84%
FCO₂ 10%

Calculated Values

SBE - 4
cHCO₃⁻ 34

EMERGENCY CENTRE

GEORGE Emergency Unit

09:37 2018/10/24

Identifications

Patient ID **Example 4**
Sample type arterial
FO₂ 0.21
Temp 37.9
Baro 101.325 kPa (760 mmHg)

Temp Corrected Blood Gas Values

pH 7.30
pCO₂ 3.33 kPa (25.0 mmHg)
pO₂ 15.6 kPa (117 mmHg)

Electrolyte Values

K⁺ 4.1
Na⁺ 135
Cl⁻ 105
iCa 1.2

Metabolite Values

Gluc 100 mg/dL (5.5mmol/l)
Lac 1.9

Oximetry Values

tHb 14.5
SaO₂ 98%

Calculated Values

SBE -15
cHCO₃⁻ 12

iSTAT values for Example 4

urea 81.2 mg/dl (29.0 mmol/L)
creat 3.66 mg/dL (324 umol/L or
0.324 mmol/l)

ACCIDENTS + EMERGENCIES

DURBAN Hospital

02:11 2018/10/29

Identifications

Patient ID **Example 5**
Sample type arterial
FO₂ 0.4
Temp
Baro 101.325 kPa (760 mmHg)

Blood Gas Values

pH 7.62
pCO₂ 6.9kPa (52 mmHg)
pO₂ 17.7kPa (133 mmHg)

Electrolyte Values

K⁺ 3.3
Na⁺ 149
Cl⁻ 73
iCa²⁺ 0.74

Metabolite Values

Lac 3.7

Oximetry Values

tHb 9.1

Calculated Values

SBE > 30
cHCO₃⁻ 55 ?? error