

TELEPHONIC CONSULT

Example 1

Blood Gas Values

pH 7.53
pCO₂ 31 mmHg (4 kPa)
pO₂ 83.7 (11kPa)

Electrolyte Values

K⁺ 4.2
Na⁺ 133
Cl⁻ error
iCa²⁺ 1.1

Calculated Values

cHCO₃⁻ 25



FIXED WING TRANSFER

Aeromedical transfer

09:52 2018/11/9

Identifications

Patient ID **Example 2**
Sample type arterial
FiO₂ 0.6
Temp Not recorded
Baro 760 mmHg (101.3 kPa)

Blood Gas Values

pH 7.18
pCO₂ 64 mmHg (8.13 kPa)
pO₂ 105 mmHg (14 kPa)

Electrolyte Values

K⁺ 4.9
Na⁺ 130
Cl⁻ 108

Metabolite Values

Glu 9 mmol/l (163 mg/dL)
Lac not calibrated

Oximetry Values

tHb 8.9 g/dL
SO₂ 95%
Hct 24.9%

Calculated Values

cHCO₃⁻ 20

EMERGENCY DEPT

JOHANNESBURG Emergency Dept

19:18 2018/11/10

Identifications

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

Blood Gas Values

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

Electrolyte Values

K⁺ 4.8
Na⁺ 139
Cl⁻ 105
iCa²⁺ 1.1

Metabolite Values

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

Oximetry Values

tHb 18.1
SO₂ 84%
FCO₂ 10%

Calculated Values

SBE -4
cHCO₃⁻ 34

EMERGENCY CENTRE

CAPE TOWN Emergency Unit

05:32 2018/11/13

Identifications

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

Temp Corrected Blood Gas Values

pH 7.30
pCO₂ 25 mmHg (3.33 kPa)
pO₂ 117 mmHg (15.6 kPa)

Electrolyte Values

K⁺ 4.1
Na⁺ 135
Cl⁻ 105
iCa 1.2

Metabolite Values

Gluc -
Lac 1.9

Oximetry Values

tHb 14.5
SaO₂ 98%

Calculated Values

SBE -15
cHCO₃⁻ 12

A+E

DURBAN Hospital

02:11 2018/11/16

Identifications

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

Blood Gas Values

pH 7.53
pCO₂ 51 mmHg (6.8kPa)
pO₂ 23 mmHg (16.4kPa)

Electrolyte Values

K⁺ 3.4
Na⁺ 149
Cl⁻ 87
iCa²⁺ 0.74

Metabolite Values

Lac 3.7

Oximetry Values

tHb 9.1

Calculated Values

SBE > 30
cHCO₃⁻ 42 ?? error

ICU TRANSFER

NGWELEZANE Hospital

09:44 2018/11/24

Identifications

Patient ID **Example 6**
Sample type arterial
FO₂ 0.6
Temp 38.5
Baro 101.325 kPa (760 mmHg)

Temp Corrected Blood Gas Values

pH 7.06
pCO₂ 40 mmHg (5.3kPa)
pO₂ 190 mmHg (25.3kPa)

Electrolyte Values

K⁺ 2.5
Na⁺ 149
Cl⁻ 104
iCa²⁺ 0.9

Metabolite Values

Lac 6.8

Oximetry Values

tHb 7.9

Calculated Values

SBE -15
cHCO₃⁻ 10