

Prova pratica 1



motociclista sbalzato

35 anni maschio

Dolore lombare

Prova pratica 1:

— Bayer Diagnostics 348 —
Emogasanalisi
348-4400 10:00 7 Apr 2004
Analisi N° 4058 Siringa
ID Operatore
ID Paziente

Misurati 37°C

pH	7.507	↑
pCO ₂	41.8	mmHg
pO ₂	62.4	↓ mmHg
Na ⁺	132	↓ mmol/L
K ⁺	3.14	↓ mmol/L
Hct	29	↓ %

↑, ↓ = valore patologico

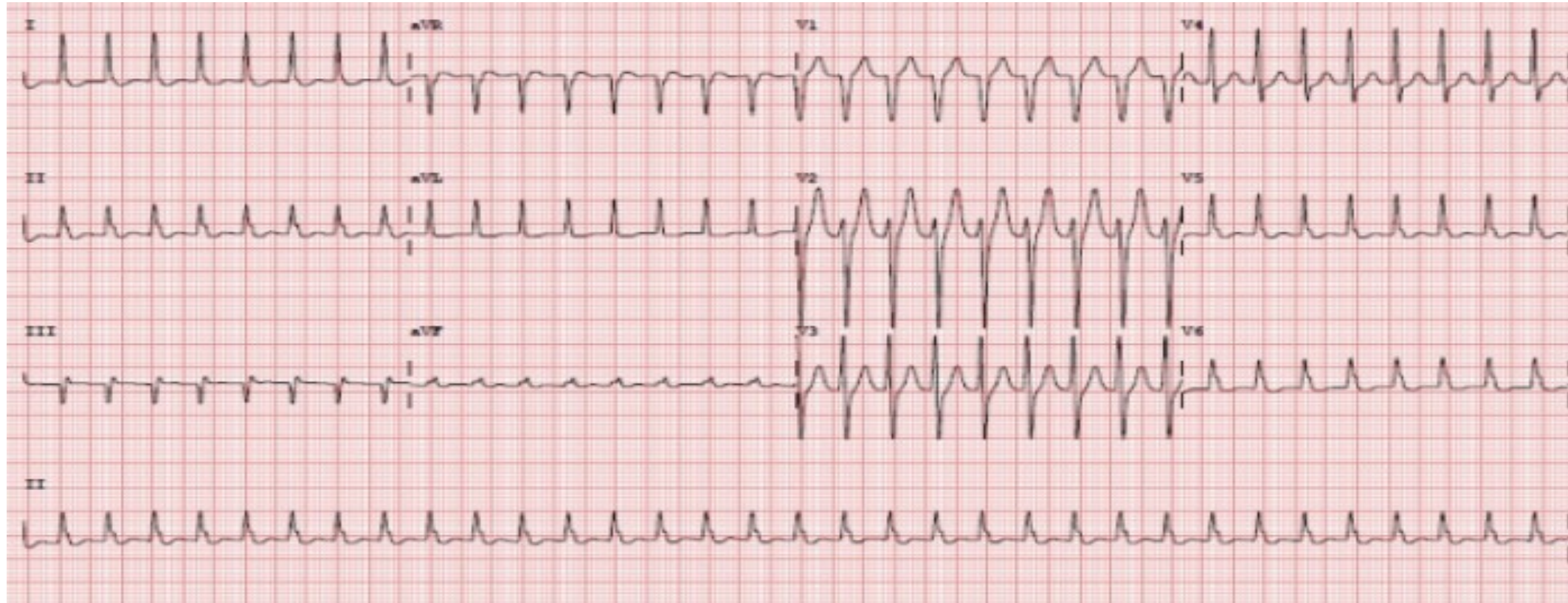
Valori	Normali
pH	7.350 - 7.450
pO ₂	75.0 - 100.0
Na ⁺	134 - 146
K ⁺	3.40 - 4.50
Hct	34 - 52

Dati Calcolati

HCO ₃ att	32.4	mmol/L
HCO ₃ std	32.2	mmol/L
BE(ecf)	9.3	mmol/L
BE(B)	8.5	mmol/L
ctCO ₂	33.7	mmol/L
O ₂ SAT	93.7	%
O ₂ CT	12.9	mL/dL
ctHb(est)	9.7	g/dL
pO ₂ /FIO ₂		

anziana
cardiopatica
disidratata

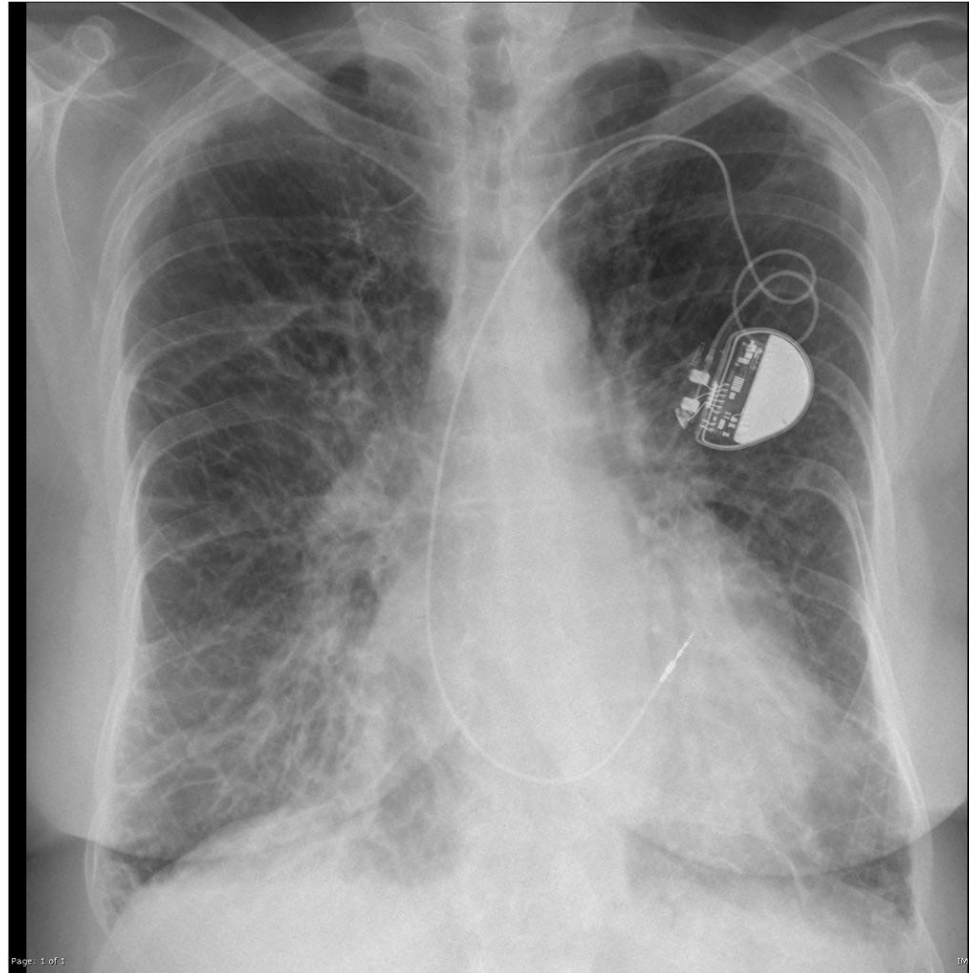
Prova pratica 1



Femmina 30 aa

Ansia ed agitazione

Prova pratica 2:

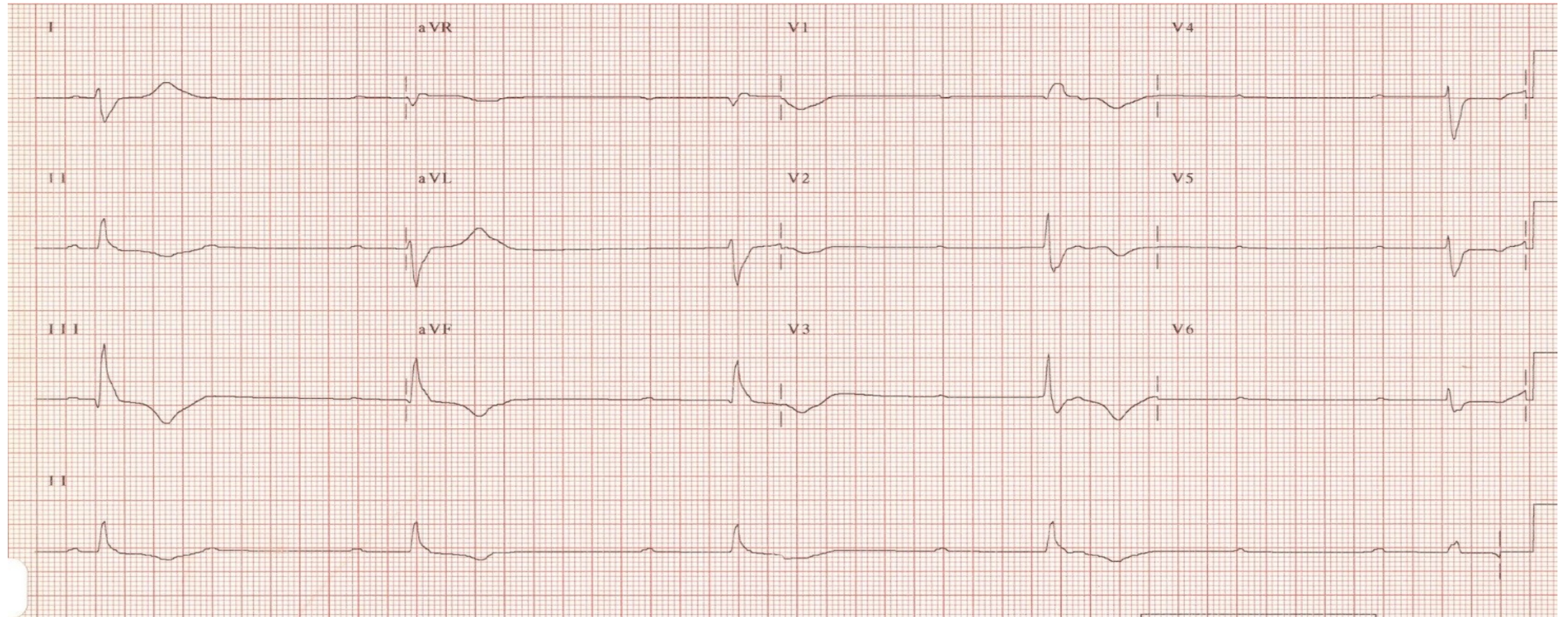


anziano
dispnoico

Prova pratica 2: donna 53 aa diabetica in metformina, diarrea e dolori addominali

Emogasanalisi arteriosa			
pH	7.03 *		(7.35 - 7.45)
pCO ₂	19 *	mmHg	(35 - 45)
pO ₂	124 *	mmHg	(75 - 100)
HCO ₃ -att	5.0 *	mmol/L	(22 - 29)
BE (B)	-24.0 *	mmol/L	(-2.0 - +2.0)
O ₂ SAT	97	%	(95 - 99)
BE (ecf)	-25.8	mmol/L	(-1.0 - +1.0)
ct Hb	8.5 *	g/dL	(12 - 16)
HCT	26.2 *	%	(36 - 46)
HCO ₃ - std	7.2 *	mmol/L	(17 - 20)
FO ₂ Hb	95.5	%	
FCOHb	0.3	%	< 2.0 Fumatori fino 8%
FHHb	2.6	%	
FmethHb	1.6	%	< 1.5
p50c	36.72	mmHg	
ctO ₂	11.7	%	
Na	157.0 *	mmol/L	(136 - 146)
K	3.9	mmol/L	(3.5 - 5.3)
Cl	98.0	mmol/L	(97 - 110)
Ca ⁺⁺	0.91 *	mmol/L	(1.15 - 1.25)
Glu	163 *	mg/dl	(70 - 110)
Lac	26.0 *	mmol/L	(0.5 - 1.6)
Anion Gap	54.1	mmol/L	
pO ₂ (a)/FIO ₂	414	mmHg	
ctBil	1.3	mg/dL	
FIO ₂	20.0	0/	

Prova pratica 2



Sincope

50 aa maschio

Prova pratica 3:



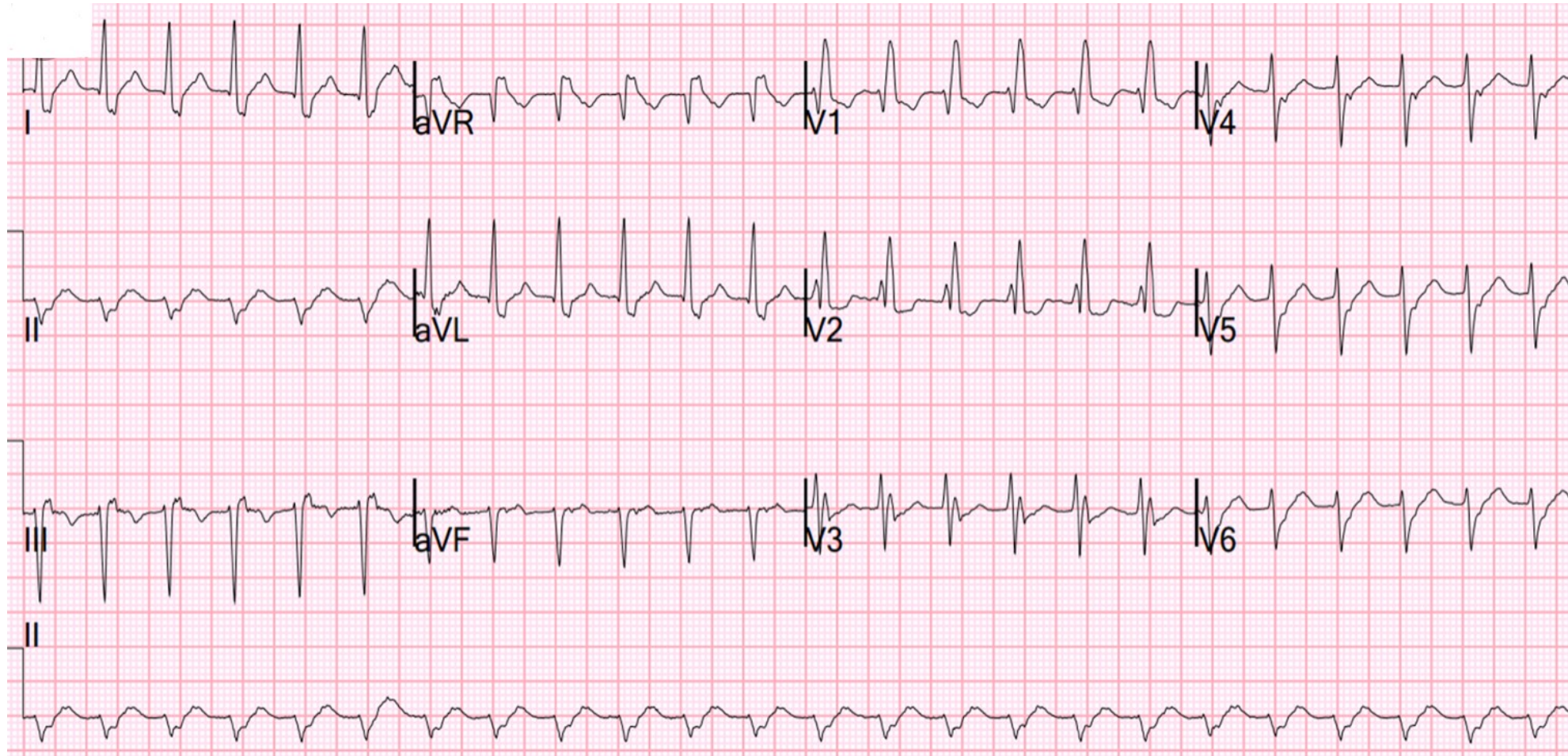
anziano in
NAO
caduto
dalle scale

Prova pratica 3: donna obesa tabagista , assopita

Operatore	0058599501		
N° di accesso	0058599501		
ID paziente	4309011		
Cognome paziente			
Nome paziente			
Sesso	Femmina		
Data di nascita	936		
Tipo di campione	Arterioso		
T	37,0 °C		
FO ₂ (I)	25,0 %		
Reperto (Paz.)	SBA651S1		

Valori emogas			
↓ pH	7,307		[7,350 - 7,450]
↑ pCO ₂	66,8	mmHg	[35,0 - 45,0]
↓ pO ₂	74,5	mmHg	[75,0 - 100]
Valori ossimetrici			
↓ ctHb	9,6	g/dL	[12,0 - 16,0]
Hct,c	29,4	%	[-]
↓ sO ₂	94,5	%	[95,0 - 99,0]
FO ₂ Hb	92,5	%	
FCOHb	1,7	%	[0,0 - 2,0]
FHHb	5,4	%	
FMethb	0,4	%	[- 1,5]
Valori calcolati			
p50,c	26,98	mmHg	
ctO ₂ ,c	5,6	mmol/L	
pO ₂ (a)/FO ₂ (I),c	298	mmHg	
Stato acido-base			
↑ cHCO ₃ ⁻ (P),c	33,4	mmol/L	[22,0 - 29,0]
↑ cHCO ₃ ⁻ (P,st),c	29,5	mmol/L	[17,0 - 20,0]
↑ cBase(B),c	5,7	mmol/L	[-2,0 - 2,0]
↑ cBase(Ecf),c	7,1	mmol/L	[-1,0 - 1,0]
Valori elettroliti			
cNa ⁺	138	mmol/L	[136 - 146]
cK ⁺	4,6	mmol/L	[3,5 - 5,3]
cCl ⁻	100	mmol/L	[97 - 110]
cCa ²⁺	1,20	mmol/L	[1,15 - 1,25]
Anion Gap,c	4,9	mmol/L	
Valori metaboliti			
↑ cGlu	281	mg/dL	[70 - 110]
cLac	0,6	mmol/L	[0,5 - 1,6]
ctBil	0,2	mg/dL	[-]
Note			

Prova pratica 3



Uomo 75 aa, neoplasia prostatica

**In PS per dispnea ingravescente,
edemi declivi**