

ALL. N. 5  
PROVA NON ESTRATTA

Dr. Angelo G. G. G.

Luigi G. G.

PROVA SCRITTA N. 1

APPROCCIO DIAGNOSTICO AL NODULO POLMONARE PERIFERICO

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PROVA NON ESTRATTA

Eugenio Zanghi

Dr. de Stefano G. Neri

PROVA SCRITTA N. 2

ASPERGILLOSI BRONCOPOLMONARE ALLERGICA: DIAGNOSI E TERAPIA

Q A B C

PROVA ESTRATTA

Micaele G. G. G.

F. G. G.

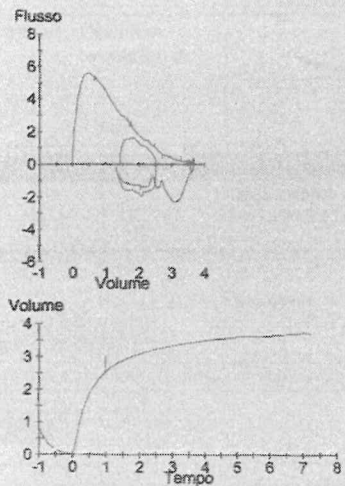
PROVA SCRITTA N. 3

INTERSTIZIOPATIA POLMONARE DIFFUSA: RUOLO DELL'ENDOSCOPIA  
TORACICA NELLA DIAGNOSI

G. G. G. G.

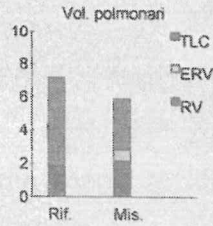
Spirometria

		Ref	Pre Meas	Pre % Ref	Post Meas	Post % Ref	Post % Chg
FVC	Litri	5.08	3.71	73			
FEV1	Litri	4.24	2.54	60			
FEV1/FVC %		81	69	84			
FEV1/SVC %		84	69	81			
PEF	L/sec	9.70	5.59	58			
FIF50%	L/sec		0.99				
FEF25%	L/sec	8.32	4.95	60			
FEF50%	L/sec	5.40	2.31	43			
FEF75%	L/sec	2.47	0.55	22			



Volumi Polmonari

		Ref	Pre Meas	Pre % Ref
VC	Litri	5.31	3.71	70
FRC N2	Litri	3.36	2.81	83
ERV	Litri		0.66	
RV	Litri	1.81	2.15	119
TLC	Litri	7.14	5.86	82
RV/TLC %		26	37	139
IC	Litri		2.73	



①

Prova NON ESTRATA

②

Dr. Del Bello  
Luca Pardi

③  
④

**Analizzatore**

Modello: GEM® Premier 5000  
 Area AP PNEU  
 Nome: AP PNEU  
 S/N: 19052918

**Risultati**

			Crit. Basso	Riferimento Basso	Alto	Crit. Alto
<b>Misurati (37.0°C)</b>						
pH	7.39		[ --	7.35	7.45	-- ]
pCO <sub>2</sub>	↑ 64	mmHg	[ --	35	48	-- ]
pO <sub>2</sub>	↓ 75	mmHg	[ --	83	108	-- ]
Na <sup>+</sup>	140	mmol/L	[ --	136	145	-- ]
K <sup>+</sup>	4.0	mmol/L	[ --	3.4	4.5	-- ]
Cl <sup>-</sup>	↓ 97	mmol/L	[ --	98	107	-- ]
Ca <sup>++</sup>	↑ 5.18	mg/dL	[ --	4.60	5.09	-- ]
Hct	37	%	[ --	35	51	-- ]
Glu	↑ 124	mg/dL	[ --	70	100	-- ]
Lac	1.3	mmol/L	[ --	0.0	1.3	-- ]
<b>CO-Ossimetro</b>						
tHb	11.7	g/dL	[ --	11.7	17.4	-- ]
O <sub>2</sub> Hb	↓ 94.1	%	[ --	95.0	98.0	-- ]
COHb	↑ 1.8	%	[ --	0.5	1.5	-- ]
MetHb	0.7	%	[ --	0.0	1.5	-- ]
HHb	3.5	%	[ --	0.0	5.0	-- ]
sO <sub>2</sub>	96.4	%	[ --	94.0	98.0	-- ]
<b>Derivati</b>						
TCO <sub>2</sub>	↑ 40.7	mmol/L	[ --	19.0	24.0	-- ]
BE <sub>ecf</sub>	↑ 13.7	mmol/L	[ --	-2.0	3.0	-- ]
BE(B)	↑ 11.0	mmol/L	[ --	-2.0	3.0	-- ]
AG	↓ 8	mmol/L	[ --	10	20	-- ]
P/F Ratio	313	mmHg	[ --	--	--	-- ]
pAO <sub>2</sub>	91	mmHg	[ --	--	--	-- ]
CaO <sub>2</sub>	15.5	mL/dL	[ --	--	--	-- ]
O <sub>2</sub> cap	15.9	mL/dL	[ --	--	--	-- ]
O <sub>2</sub> ct	15.5	mL/dL	[ --	--	--	-- ]
HCO <sub>3</sub> <sup>-</sup> (c)	↑ 38.7	mmol/L	[ --	21.0	28.0	-- ]
HCO <sub>3</sub> <sup>-</sup> std	↑ 33.4	mmol/L	[ --	21.0	28.0	-- ]
RI	0.2		[ --	--	--	-- ]
mOsm	286.9	mmol/L	[ --	--	--	-- ]

↑↓ Fuori limite di riferimento

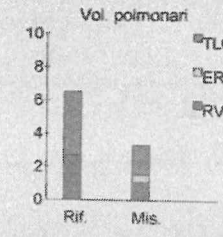
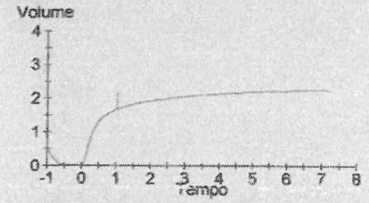
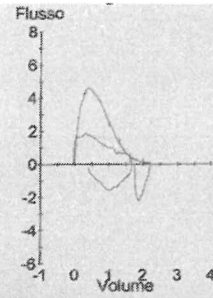
**Altre informazioni**

O<sub>2</sub> / Vent  
 FIO<sub>2</sub> 24.0 %

Handwritten signatures and initials, including a large signature and a circular stamp or mark.

Spirometria

		Ref	Pre Meas	Pre % Ref	Post Meas	Post % Ref	Post % Chg
FVC	Litri	3.42	2.23	65			
FEV1	Litri	2.56	1.67	65			
FEV1/FVC	%	73	75	102			
FEV1/SVC	%	81	75	92			
PEF	L/sec	7.23	4.59	63			
FIF50%	L/sec		1.77				
FEF25%	L/sec	6.55	4.39	67			
FEF50%	L/sec	3.67	2.23	61			
FEF75%	L/sec	1.07	0.33	30			
FEF25-75%	L/sec	2.64	1.29	49			

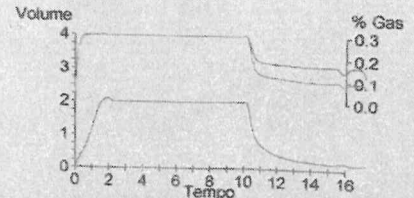


Volumi Polmonari

		Ref	Pre Meas	Pre % Ref
VC	Litri	3.54	2.23	63
FRC N2	Litri	3.59	1.52	42
ERV	Litri		0.47	
RV	Litri	2.71	1.06	39
TLC	Litri	6.50	3.28	50
RV/TLC %	%	44	32	73
IC	Litri		1.74	

DLCO Single Breath

		Ref	Pre Meas	Pre % Ref
DLCO	mL/mmHg/min	23.0	9.2	40
DL Adj	mL/mmHg/min	23.0	9.2	40
DLCO/VA	mL/mHg/min/L	3.54	2.89	82
DLVA Adj	mL/mHg/min/L	3.54	2.89	82
VA	Litri	6.50	3.19	49



Interpretazione:

*(Handwritten scribbles and a circled '2')*

PROVA NON ESTIMATA

*(Handwritten signature)*

*(Handwritten signature)*

*(Handwritten scribbles)*

Cognome:  
 Nome:  
**Cartuccia**  
 Lotto N°: 240923C  
 S/N: 000000000500962679  
 Scadenza: 30/11/2024

**Analizzatore**  
 Modello: GEM® Premier 5000  
 Area: AP DIA  
 Nome: AP DIA  
 S/N: 19052915

Risultati			Crit. Riferimento		Crit.
			Basso	Alto	
<b>Misurati (37.0°C)</b>					
pH	7.44		[ --	7.35 7.45	-- ]
pCO <sub>2</sub>	39	mmHg	[ --	35 48	-- ]
pO <sub>2</sub>	↓ 79	mmHg	[ --	83 108	-- ]
Na <sup>+</sup>	↓ 134	mmol/L	[ --	136 145	-- ]
K <sup>+</sup>	4.4	mmol/L	[ --	3.4 4.5	-- ]
Cl <sup>-</sup>	103	mmol/L	[ --	98 107	-- ]
Ca <sup>++</sup>	↓ 4.58	mg/dL	[ --	4.60 5.09	-- ]
Hct	48	%	[ --	35 51	-- ]
Glu	↑ 127	mg/dL	[ --	70 100	-- ]
Lac	1.2	mmol/L	[ --	0.0 1.3	-- ]
<b>CO-Ossimetro</b>					
tHb	↑ 17.9 <small>***</small>	g/dL	[ --	11.7 17.4	-- ]
O <sub>2</sub> Hb	↓ 89.9 <small>***</small>	%	[ --	95.0 98.0	-- ]
COHb	↑ 1.8 <small>***</small>	%	[ --	0.5 1.5	-- ]
MetHb	< 0.0 <small>***</small>	%	[ --	0.0 1.5	-- ]
HHb	2.5 <small>***</small>	%	[ --	0.0 5.0	-- ]
sO <sub>2</sub>	97.3 <small>***</small>	%	[ --	94.0 98.0	-- ]
<b>Derivati</b>					
TCO <sub>2</sub>	↑ 27.7	mmol/L	[ --	19.0 24.0	-- ]
BEecf	2.3	mmol/L	[ --	-2.0 3.0	-- ]
BE(B)	2.3	mmol/L	[ --	-2.0 3.0	-- ]
AG	↓ 9	mmol/L	[ --	10 20	-- ]
P/F Ratio	incalc	mmHg	[ --	-- --	-- ]
CaO <sub>2</sub>	22.6	mL/dL	[ --	-- --	-- ]
O <sub>2</sub> cap	incalc	mL/dL	[ --	-- --	-- ]
O <sub>2</sub> ct	22.6	mL/dL	[ --	-- --	-- ]
HCO <sub>3</sub> <sup>-</sup> (c)	26.5	mmol/L	[ --	21.0 28.0	-- ]
HCO <sub>3</sub> <sup>-</sup> std	26.4	mmol/L	[ --	21.0 28.0	-- ]
mOsm	275.0	mmol/L	[ --	-- --	-- ]
<p>*** Rilevata interferenza                  ↑↓ Fuori limite di riferimento                  &gt;&lt; Oltre limite di misura</p>					

Ave Ambrose

Handwritten signatures and initials, including a large signature at the top right and several smaller initials below it.

Nome:

**Cartuccia**

Lotto N°: 240923C  
 S/N: 000000000500962679  
 Scadenza: 30/11/2024

**Analizzatore**

Modello: GEM® Premier 5000  
 Area: AP DIA  
 Nome: AP DIA  
 S/N: 19052915

**Risultati**

Crit. Riferimento Crit.  
 Basso Basso Alto Alto

**Misurati (37.0°C)**

pH	7.39		[ -- 7.35 7.45 -- ]
pCO <sub>2</sub>	↓ 32	mmHg	[ -- 35 48 -- ]
pO <sub>2</sub>	↑ 109	mmHg	[ -- 83 108 -- ]
Na <sup>+</sup>	137	mmol/L	[ -- 136 145 -- ]
K <sup>+</sup>	4.4	mmol/L	[ -- 3.4 4.5 -- ]
Cl <sup>-</sup>	104	mmol/L	[ -- 98 107 -- ]
Ca <sup>++</sup>	4.87	mg/dL	[ -- 4.60 5.09 -- ]
Hct	↑ 55	%	[ -- 35 51 -- ]
Glu	↑ 112	mg/dL	[ -- 70 100 -- ]
Lac	0.7	mmol/L	[ -- 0.0 1.3 -- ]

**CO-Ossimetro**

tHb	↑ 17.8 <i>rea</i>	g/dL	[ -- 11.7 17.4 -- ]
O <sub>2</sub> Hb	↓ 92.4 <i>rea</i>	%	[ -- 95.0 98.0 -- ]
COHb	1.4 <i>rea</i>	%	[ -- 0.5 1.5 -- ]
MetHb	< 0.0 <i>rea</i>	%	[ -- 0.0 1.5 -- ]
HHb	0.7 <i>rea</i>	%	[ -- 0.0 5.0 -- ]
sO <sub>2</sub>	↑ 99.2 <i>rea</i>	%	[ -- 94.0 98.0 -- ]

**Derivati**

TCO <sub>2</sub>	20.4	mmol/L	[ -- 19.0 24.0 -- ]
BE <sub>ecf</sub>	↓ -5.6	mmol/L	[ -- -2.0 3.0 -- ]
BE(B)	↓ -4.6	mmol/L	[ -- -2.0 3.0 -- ]
AG	18	mmol/L	[ -- 10 20 -- ]
P/F Ratio	<i>incalc</i>	mmHg	[ -- -- -- -- ]
CaO <sub>2</sub>	23.2	mL/dL	[ -- -- -- -- ]
O <sub>2</sub> cap	<i>incalc</i>	mL/dL	[ -- -- -- -- ]
O <sub>2</sub> ct	23.2	mL/dL	[ -- -- -- -- ]
HCO <sub>3</sub> <sup>-</sup> (c)	↓ 19.4	mmol/L	[ -- 21.0 28.0 -- ]
HCO <sub>3</sub> <sup>-</sup> std	21.1	mmol/L	[ -- 21.0 28.0 -- ]
mOsm	280.2	mmol/L	[ -- -- -- -- ]

*rea* Rilevata interferenza  
 ↑↓ Fuori limite di riferimento  
 >< Oltre limite di misura

O<sub>2</sub> e flu

Prova Estratta

Dr. Di Bello

Laetitia Pardi

REGIONE MARCHE  
 AST - ASCOLI PICENO  
 Ospedale "C. e G. Mazzoni"  
 Unit  
 Dire



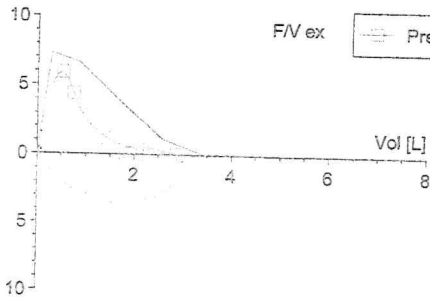
Cognome  
 Nome

Nato/a  
 Sesso

Medico  
 Opera

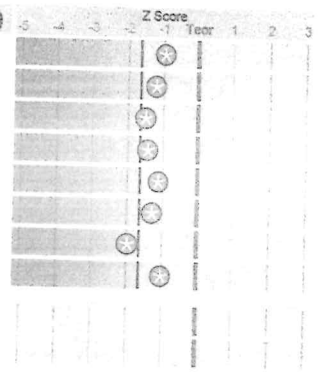
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**Standard PFT**

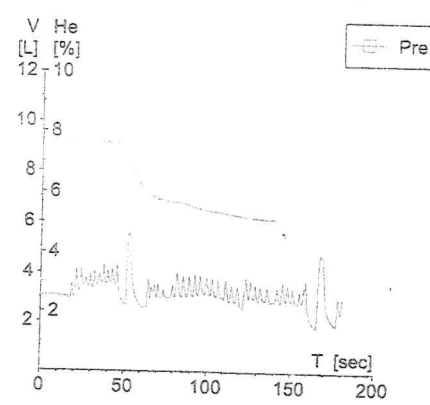


**Flusso-Volume Grafico**

	Pred	Best	%(Best/Pred)
FVC	3.45	2.87	83
VC IN	3.56	2.88	81
FEV1	2.59	1.82	70
FEV1%M	73.35	63.04	86
PEF	7.28	5.92	81
MEF75	6.58	4.36	66
MEF50	3.71	1.10	30
MEF25	1.10	0.29	26

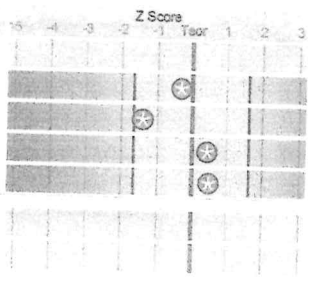


Data livello 28.10.24  
 Ora livello 10:11

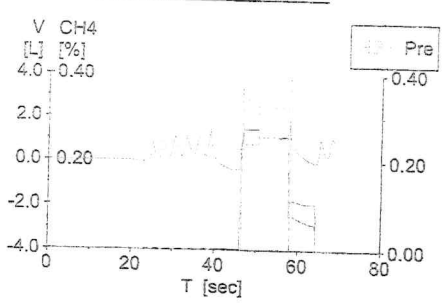


**FRC He - Grafico**

	Pred	Best	%(Best/Pred)
ERV	0.89	0.93	105
RV	2.69	2.56	95
TLC	6.50	5.52	85
RV%TLC	43.99	46.42	106
FRC%TLC	59.97	63.35	106

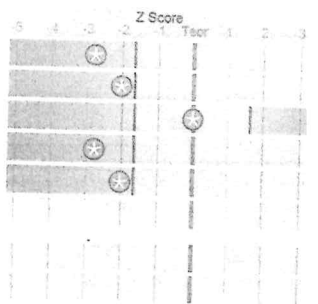


Data livello 28.10.24  
 Ora livello 10:11



**Diffusion - Grafico**

	Pred	Best	%(Best/Pred)
DLCO_SB	7.78	3.87	50
KCO	1.20	0.68	57
Hb	14.60	14.60	100
DLCOcSB	7.78	3.87	50
KCOc	1.20	0.68	57
VA_SB	6.35	5.66	89



Data livello 28.10.24  
 Ora livello 10:11

Collaborazione: buona ( ) scarsa ( ) insufficiente ( )

Commento

*[Handwritten signatures and a circled number 3]*

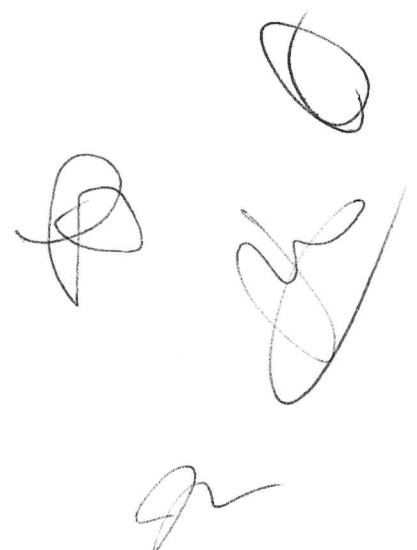
**1. Gestione dello pneumotorace**

**2. Asma: diagnosi e terapia**

**3. Indicazioni alla NIV**

**4. Embolia Polmonare**

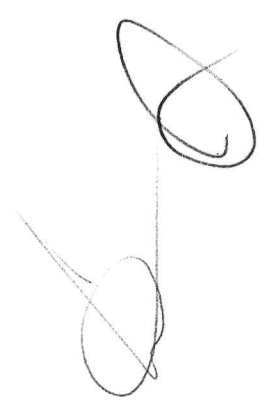
**5. Asma grave: definizione e strategie terapeutiche**

Handwritten signatures and initials in the bottom right corner of the page. There are three distinct marks: a circular scribble on the left, a larger, more complex scribble on the right, and a smaller, simpler scribble below the right one.

**6. Toracosopia medica**

**7. BPCO: diagnosi e strategie terapeutiche secondo raccomandazioni GOLD**

**8. Stradiazione mediastinica del tumore del polmone**

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the left.A handwritten signature in black ink, featuring a large circular loop on the right and a more fluid, cursive-like structure on the left.