

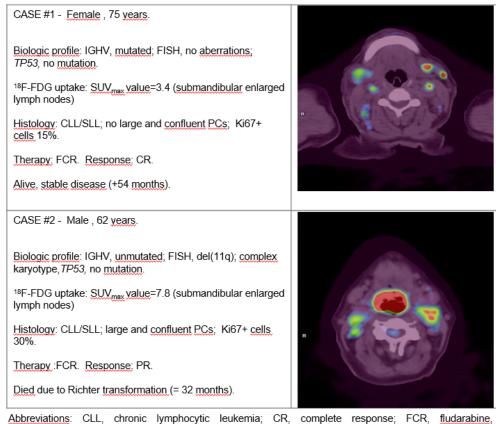


Article

Prognostic Significance of PET/CT in Patients with Chronic Lymphocytic Leukemia (CLL) Treated with Frontline Chemoimmunotherapy

Marika Porrazzo, Emanuele Nicolai, Mara Riminucci, Candida Vitale, Marta Coscia, Lorenzo De Paoli, Angela Rago, Giulia Buscicchio, Giacomo Maestrini, Silvio Ligia, Alessio Di Prima, Alessandro Corsi, Roberto Caronna, Gianluca Gaidano and Francesca Romana Mauro

Supplementary Materials:



Abbreviations: CLL, chronic lymphocytic leukemia; CR, complete response; FCR, fludarabine, cyclophosphamide,rituximab; 18F-FDG, 18F fluorodeoxyglucose; FISH, fluorescence in situ hybridisation; PCs, proliferation centers; PR, partial response; SUV, Standardized Uptake Value.

Figure S1. Two representative cases with different SUV_{max} values.

Cancers 2020, 12, 1773 2 of 3

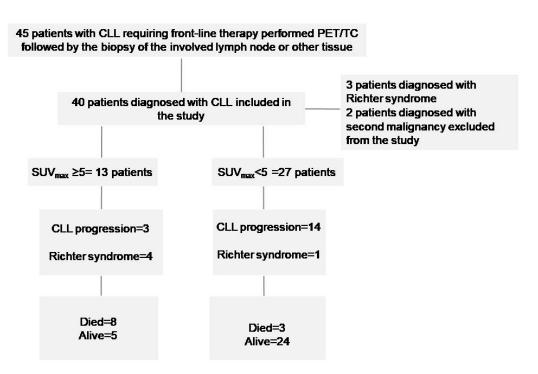


Figure S2. Consort diagram-trial profile.

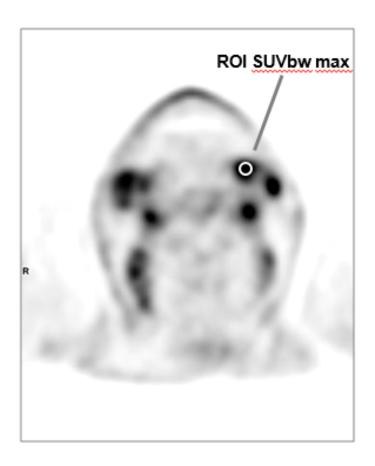


Figure S3. Example of ROI positioning.

 $\label{eq:table S1.} \textbf{Table S1.} \ \text{Response to treatment, CLL progression, Richter syndrome according to the } SUV_{\text{max}}values.$

Cancers 2020, 12, 1773 3 of 3

	All Patients	$SUV_{max} \geq 5$	$SUV_{max} < 5$	p Value	
No patients (%)	40 (100)	13 (33)	27 (67)	-	
Response to treament					
Yes	36 (90)	11 (85)	25 (93)	0.42	
No	4 (10)	2 (15)	2 (7)	- 0.43	
CLL progression(a)					
Yes	17 (49)	3 (33)	14 (54)	0.20	
No	18 (51)	6 (67)	12 (46)	- 0.28	
Richter syndrome			·	·	
Yes	5 (13)	4(31)	1 (4)	0.015	
No	35 (87)	9 (69)	26 (96)		

Table S2. Multivariable Cox regression model for PFS and OS.

PFS			os		
Tested Variables	HR (95%CI)	<i>p</i> -Value	Tested Variables	HR (95%CI)	<i>p-</i> Value
Large and confluent PCs present vs. absent	0.17 (0.03-0.94)	0.04	Large and confluent PCs present vs. absent	0.14 (0.02–0.7)	0.02
Del(11q) present vs.	0.28 (0.08-0.99)	0.05	Del(11q) present vs. absent	2.54 (0.22–29.19)	0.34
Ki67 ≥30% vs. Ki67 <30%	1.45 (0.31 -6.8)	0.63	Ki67 ≥30% vs. <30%	1.50 (0.08–28.53)	0.94
			IGHV unmutated vs.	0.53 (0.08–3.66)	0.36
			$SUV_{max} \ge 5 \text{ vs. } x < 5$	6.48 (1.42–29.58)	0.02



© 2020 by the authors. Submitted for possible open access publication under the terms and conditions of the Creative Commons Attribution (CC BY) license (http://creativecommons.org/licenses/by/4.0/).