

Supplementary Table S1. Laboratory parameters during the first days of the TLS and hemofiltration.

Hemofiltration							
	2/05/11	2/06/11	2/07/11	2/08/11	2/09/11	2/11/11	2/14/11
BUN*	124	123	122	52	39	34	21
Creat*	2.9	3.9	4.4	2.3	1.4	0.8	0.7
Na**	138	129	133	138	142	137	140
K**	6.9	3.7	5.9	3.9	2.7	3.5	4.1
Cl**	95	86	91	102	111	103	107
Ca*	4.3	4.4	4.5	8.0	7.1	8.5	7.9
P*	26.6	19.5	16.6	7.3	2.8	2.2	3.6
Mg*	2.2	1.7	1.7	1.7	1.3	1.5	0.8
RBC/cmm	4,390,000	3,860,000	3,600,000	2,840,000	4,020,000	3,130,000	2,980,000
Hb (g/dL)	11.1	9.7	9.3	7.3	10.5	8.4	8.1
WBC/cmm	5,990	4,200	3,250	3,450	5,490	6,840	3,800
PTLS/cmm	51,000	61,000	59,000	33,000	38,000	47,000	115,000
Uric	6.0	9.9		0.3	0.6		1.9
	RBC, PTLS			RBC transf		RBC transf	RBC transf
	Plasma						
	transf						

Abbreviations. TLS: tumor lysis syndrome; creat: serum creatinine; RBC: red blood cells; Hb: hemoglobin; WBC: white blood cells; PTLS: platelets; Uric: serum uric acid; transf: transfusion.

*expressed in mg/dL;

**expressed in mmol/L.

Supplementary Table S2. Fluid balance and diuresis during the first days of the syndrome and related treatment.

	Date	IN	OUT	Fluid Balance	Diuresis ml/Kg/h
	02/05/2011	4000	2200	+ 1800	2.3
	02/06/2011	1988	1885	+ 103	1.8
START HEMOFILTRATION	02/07/2011	2470	3026	- 556	2.6
	02/08/2011	2310	1995	+ 315	2.0
	02/09/2011	1769	2357	- 588	1.0
	02/10/2011	1609	2185	- 576	1.2
	02/11/2011	1560	2440	- 800	2.6

Supplementary Table S3. Life and ventilation parameters during the respiratory distress syndrome.

	02/22/11	02/23/11	02/24/11	02/25/11	02/27/11	02/28/11
BP	103/56	82/54	111/64	117/61	115/68	120/63
T °C	36.7	36.9	36.5	36.9	37.2	36.5
CF	74	70	72	76	138	100
RF	25	26	21	27	27	29
Mod Vent	SIMV	PSV	PSV	Air	Air	Air
FiO2	0.40	0.40	0.40	0.31	0.21	
PO2	62	67	89	72	76	42
PCO2	37	28	40	32	32	38
PH	7.56	7.6	7.51	7.51	7.5	7.47
BE	10.9	5.9	8.9	2.5	6.5	3.8
HCO3	32.8	29.7	31.3	27.1	28.7	27.7
SO2	96%	97%	98%	97%	97%	98%

Abbreviations. BP: blood pressure; T °C: temperature; CF: cardiac frequency; RF: respiratory frequency; Mod Vent: modality of ventilation; SO2: capillary oxygen saturation.