

Additional File 1: Clinical data of patients with severe hyponatraemia ($\text{Na}^+ < 115 \text{ mmol/L}$)

Urea (mmol/L)	Creatinine (mmol/L)	Primary tumour site	Clinical Volume status	Treatment of Hyponatraemia	Biochemistry consistent with SIADH ¹	Urine $\text{Na}^+ > 40 \text{ mmol/L}$
2.3	47	Breast	Unknown	Unknown ²	Yes	No
6.7	84	Breast	Unknown	Unknown ²	Unknown	Unknown
2.0	42	Lymphoma	Unknown	Unknown ²	Unknown	Unknown
5.3	69	Lung	Unknown	Unknown ²	Yes	No
14.9	99	Pancreas	Unknown	demeclocycline	Yes	Unknown
10.8	143	CUP ³	Unknown	Unknown ²	Yes	Unknown
6.6	57	Lymphoma	Unknown	Fluid restriction	Yes	Yes
7.7	111	endometrium	Unknown	Unknown ²	Unknown	Unknown
4.0	43	Prostate	Unknown	Unknown ²	Yes	Yes
3.1	64	Head and neck	Unknown	Unknown ²	Unknown	Unknown
7.7	9	Breast	Unknown	None	Yes	Unknown
13.8	100	Ovary	Hypovolaemic	IV saline	N/A	Unknown
9.2	56	Breast	Unknown	Unknown ²	Yes	No
3.4	77	Myeloma	Unknown	Unknown ²	Yes	No
0.9	34	Lung	Unknown	demeclocycline	Unknown	Unknown
20.4	163	Melanoma	Unknown	Unknown ²	Yes	Unknown
7.3	65	Other	Unknown	Unknown ²	Yes	Yes
3.9	65	Breast	Hypovolaemic	Fluid restriction	N/A	No
3.2	59	Head and neck	Unknown	Fluid restriction	Yes	No
28.9	203	Colorectal	Hypovolaemic	IV saline	N/A	Yes
3.9	68	Lymphoma	Unknown	Unknown ²	Yes	No
3.3	55	Colorectal	Unknown	Unknown ²	Unknown	Unknown

94.2	325	Bladder	Unknown	Unknown ²	Unknown	Yes
6.5	89	Cholangiocarcinoma	Unknown	Unknown ²	Yes	No
4.3	50	Gastric	Unknown	Unknown ²	Unknown	Unknown
3.1	49	Pancreas	Hypovolaemic	IV saline	N/A	No
27.7	357	CUP ³	Unknown	Unknown ²	Unknown	Unknown
15.6	99	Colorectal	Unknown	IV saline	Unknown	Unknown
4.2	59	Lung	Unknown	Unknown ²	Yes	No
5.2	92	Renal	Unknown	Fluid restriction	Yes	Yes
9.7	105	CUP ³	Unknown	Unknown ²	No	No
2.1	47	Lung	Unknown	Fluid restriction	Yes	Unknown
3.6	40	Lung	Unknown	Fluid restriction + demeclocycline	Yes	Unknown
5.1	118	Pancreas	Unknown	Unknown ²	Yes	Yes
5.0	53	Pancreas	Unknown	Unknown ²	Unknown	Unknown
2.8	67	Lung	Unknown	Fluid restriction + demeclocycline	Yes	No
3.0	38	Lung	Unknown	Unknown ²	Unknown	Unknown
7.3	57	Sarcoma	Unknown	IV saline	Yes	Unknown
9.3	53	Colorectal	Unknown	Unknown ²	Unknown	Unknown
4.0	65	Leukaemia	Unknown	Unknown ²	Unknown	Unknown
2.9	48	Pancreas	Hypervolaemic	Unknown ²	N/A	Unknown
1.9	45	Lung	Unknown	Fluid restriction + demeclocycline	Unknown	Unknown
8.6	129	Colorectal	Hypovolaemic	IV saline	N/A	Unknown
8.0	172	Renal	Unknown	Unknown ²	Unknown	Unknown
2.0	40	Lung	Unknown	IV saline	Yes	No
9.7	60	Oesophagus	Unknown	IV saline	Yes	No
2.0	45	Lung	Unknown	IV saline	Yes	No
4.2	68	Liver	Unknown	Unknown ²	Yes	Yes

5.1	50	Oesophagus	Unknown	Unknown ²	Unknown	Unknown
7.7	153	Anus	Unknown	None	No	Unknown
3.7	71	Cervix	Hypervolaemic	IV saline	N/A	Unknown
3.0	36	Breast	Unknown	Unknown ²	Unknown	Unknown
6.4	90	Lymphoma	Unknown	IV saline	No	Yes
54.5	463	Colorectal	Unknown	IV saline	No	No
36.9	155	Bladder	Hypovolaemic	IV saline	N/A	Unknown
15.6	152	Ovary	Hypovolaemic	IV saline	N/A	Yes
1.3	64	Gastric	Unknown	Unknown ²	Unknown	Yes

1. Defined as Plasma Osmolality <270mOsmol/L with Urine Osmolality >100 mOsmol/L
2. Treatment unknown but not IV saline or demeclocycline
3. Cancer of Unknown Primary