

Supplementary Table 4. Trend of proportional mortality of index patients

Year	Overall rickets								
	Overall			Male			Female		
	Mortality	Patients	%	Mortality	Patients	%	Mortality	Patients	%
2008	18	142	12.68	12	68	17.65	6	74	8.11
2009	6	98	6.12	3	66	4.55	3	32	9.38
2010	5	74	6.76	4	40	10.00	1	34	2.94
2011	6	69	8.70	4	37	10.81	2	32	6.25
2012	4	88	4.55	0	39	0.00	4	49	8.16
2013	5	116	4.31	4	59	6.78	1	57	1.75
2014	3	132	2.27	3	76	3.95	0	56	0.00
2015	9	149	6.04	4	77	5.19	5	72	6.94
2016	7	159	4.40	2	81	2.47	5	78	6.41
2017	5	206	2.43	3	108	2.78	2	98	2.04
2018	6	318	1.89	3	169	1.78	3	149	2.01
Nutritional rickets									
2008	6	76	7.89	5	37	13.51	1	39	2.56
2009	2	55	3.64	1	31	3.23	1	24	4.17
2010	3	43	6.98	2	18	11.11	1	25	4.00
2011	3	32	9.38	1	20	5.00	2	12	16.67
2012	1	50	2.00	0	19	0.00	1	31	3.23
2013	0	66	0.00	0	32	0.00	0	34	0.00
2014	1	79	1.27	1	42	2.38	0	37	0.00
2015	2	92	2.17	1	47	2.13	1	45	2.22
2016	0	102	0.00	0	48	0.00	0	54	0.00
2017	3	154	1.95	1	75	1.33	2	79	2.53
2018	1	257	0.39	0	135	0.00	1	122	0.82
Hereditary rickets									
2008	12	66	18.18	7	31	22.58	5	35	14.29
2009	4	43	9.30	2	35	5.71	2	8	25.00
2010	2	31	6.45	2	22	9.09	0	9	0.00
2011	3	37	8.11	3	17	17.65	0	20	0.00
2012	3	38	7.89	0	2	0.00	3	18	16.67
2013	5	50	10.00	4	27	14.80	1	23	4.35
2014	2	53	3.77	2	34	5.88	0	19	0.00
2015	7	57	12.28	3	30	10.00	4	27	14.81
2016	7	57	12.28	2	33	6.06	5	24	20.83
2017	2	52	3.85	2	33	6.06	0	19	0.00
2018	5	61	8.20	3	34	8.82	2	27	7.41