

Table S1: Vitamin D Exposure of Patients during the follow-up period (in months of exposure)

<b>Vitamin D dose</b>	<b># Months of Exposure</b>
0 (no exposure)	199582 (79.35%)
200	22118 (8.79%)
400	16441 (6.54%)
600	4111 (1.63%)
800	3039 (1.21%)
1000	1921 (0.76%)
1200	980 (0.39%)
1400	304 (0.12%)
1600	178 (0.07%)
2000 or more	2838 (1.13%)

Table S2: The classification of vitamin D deficiency according to the first 25-hydroxyvitamin D serum test performed during the follow-up period and the hazzard ratio of the vitamin D supplement dose.

<b>Class</b>	<b># Patients</b>	<b>Vit D Supp, Hazzard Ratio</b>	<b>p-value</b>
Deficiency (<10 ng/mL)	190	0.933 [0.827-1.039]	0.156
Hypovitaminosis (10-32 ng/mL)	1602	0.871 [0.792-0.958]	0.004
Sufficiently (32-100 ng/mL)	301	0.955 [0.866-1.05]	0.164
Toxicity (>100 ng/mL)	2	NA	
Never tested	1379	0.947 [0.881-1.013]	0.126